

# Morecambe Offshore Windfarm: Generation Assets Environmental Statement

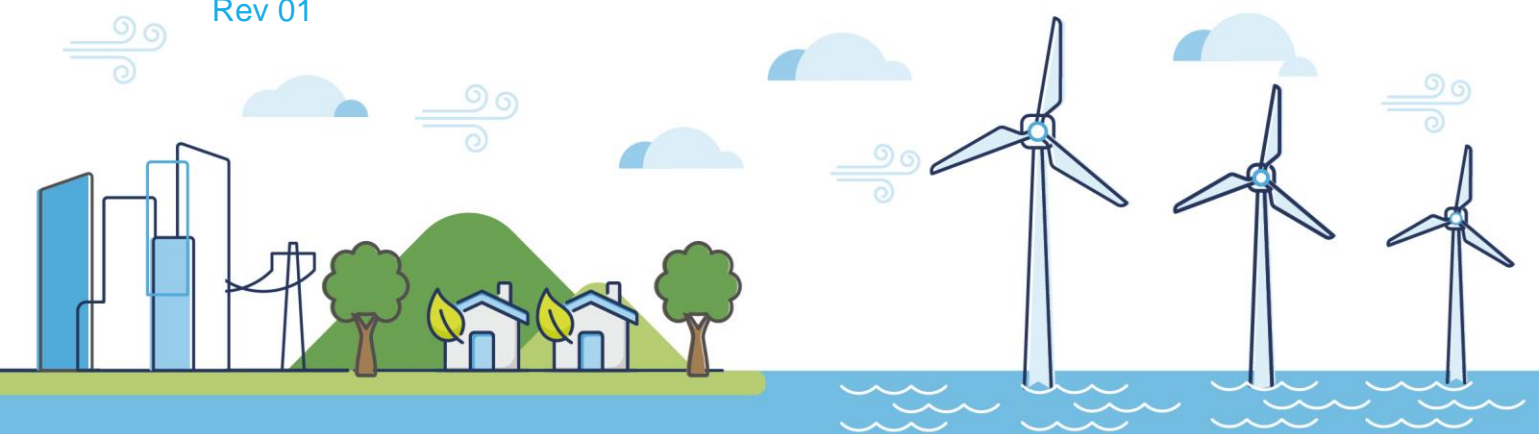
## Volume 5

### Chapter 15 Marine Archaeology and Cultural Heritage Figures

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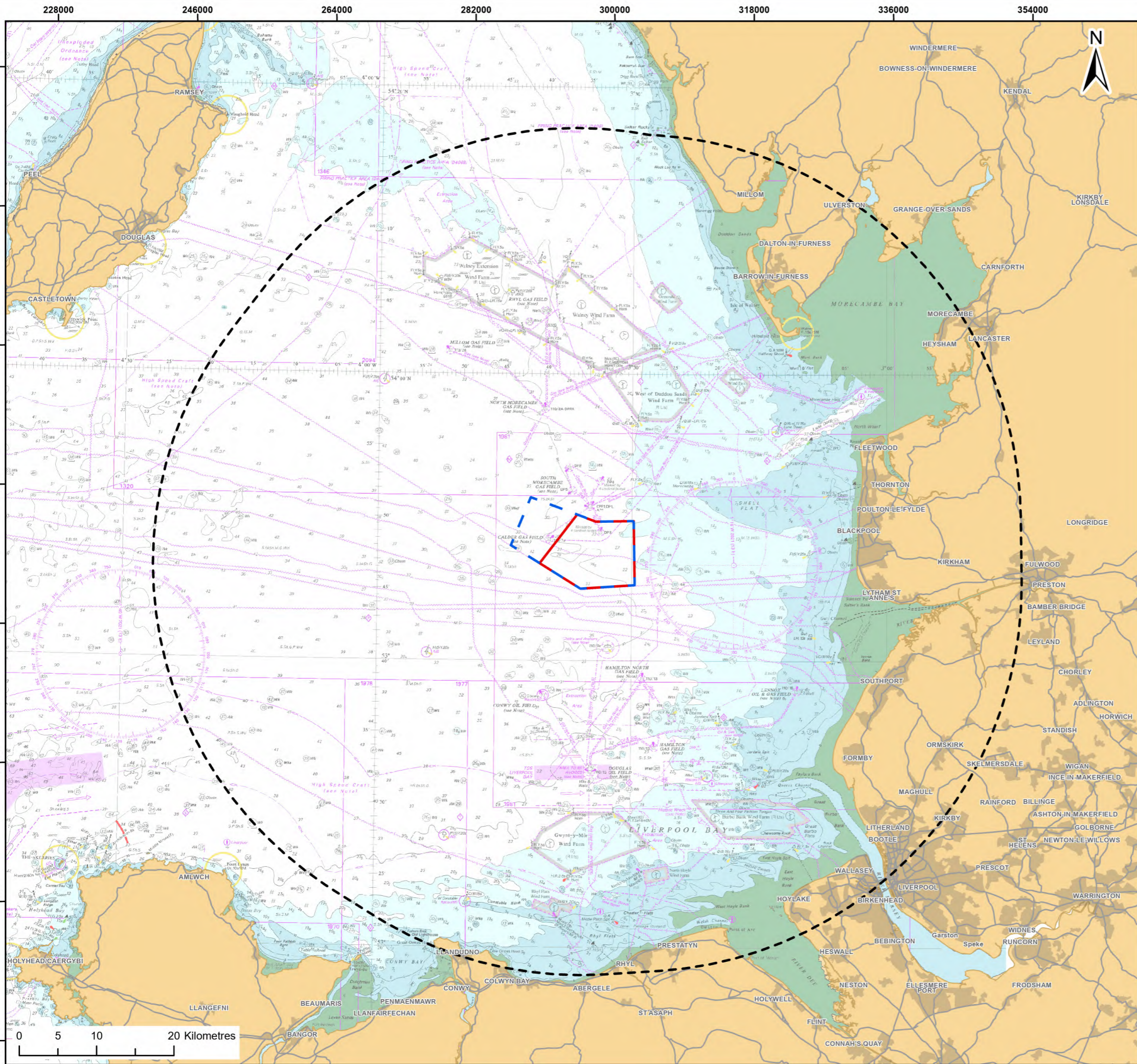
Rev 01



## Document History

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01	May 2024	Approved for Use	Royal HaskoningDHV	Morecambe Offshore Windfarm Ltd	Morecambe Offshore Windfarm Ltd	n/a



**Legend:**

- Morecambe Offshore Windfarm Site
- Agreement for Lease boundary
- 50km buffer

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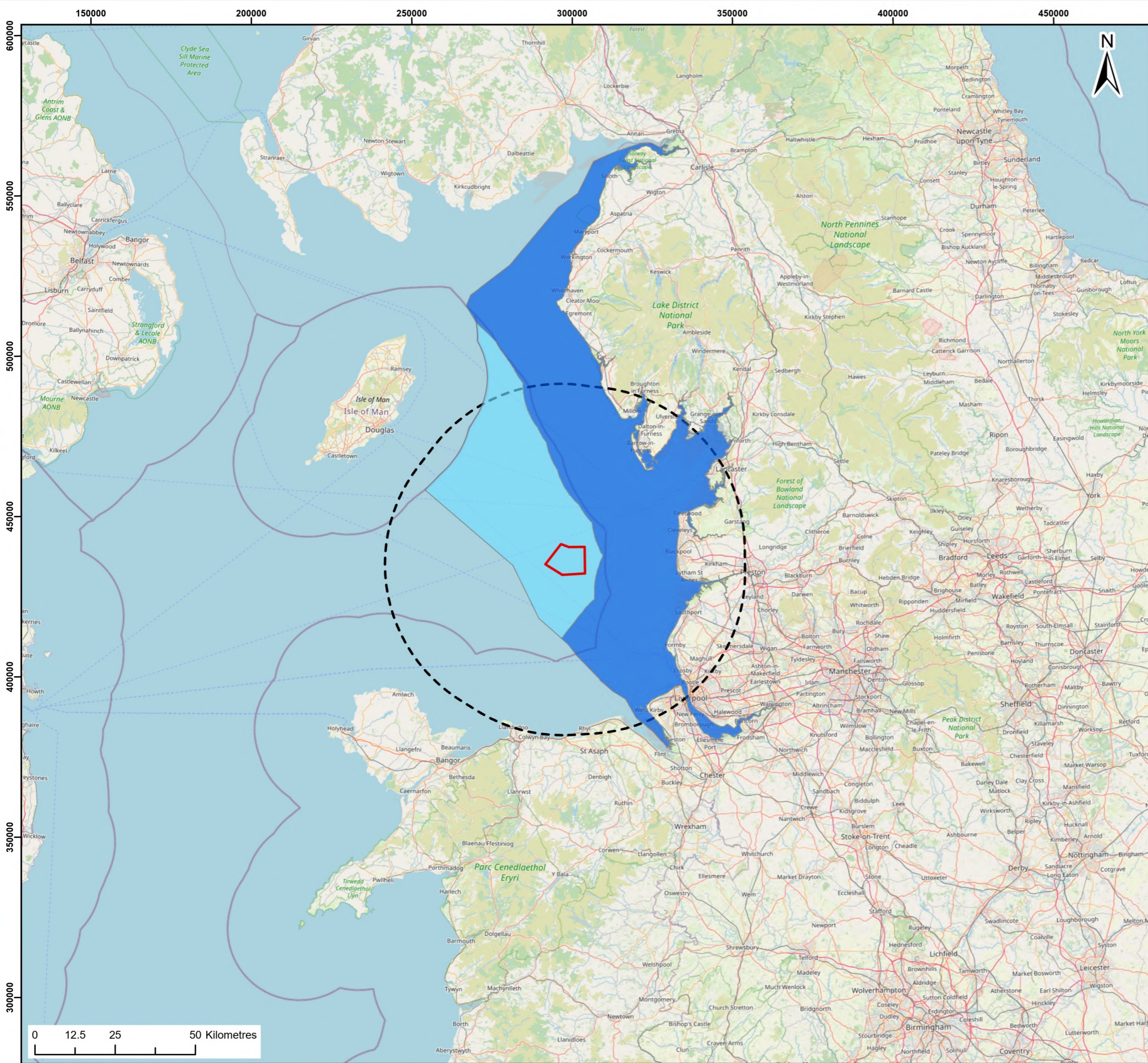
**Report:**  
Morecambe Offshore Windfarm: Generation Assets Environmental Statement

**Title:**  
Marine Archaeology and Cultural Heritage Study Area

**Figure:** 15.1      **Drawing No:** PC1165-RHD-ES-OF-DG-Z-0108

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
P01	05/03/2024	JH	SB	A3	1:500,000
P02	23/04/2024	JH	SB	A3	1:500,000

Co-ordinate system: WGS 1984 UTM Zone 30N



**Legend:**

- Morecambe Offshore Windfarm Site
- 50km buffer

**Marine plan areas**

- North West Inshore
- North West Offshore

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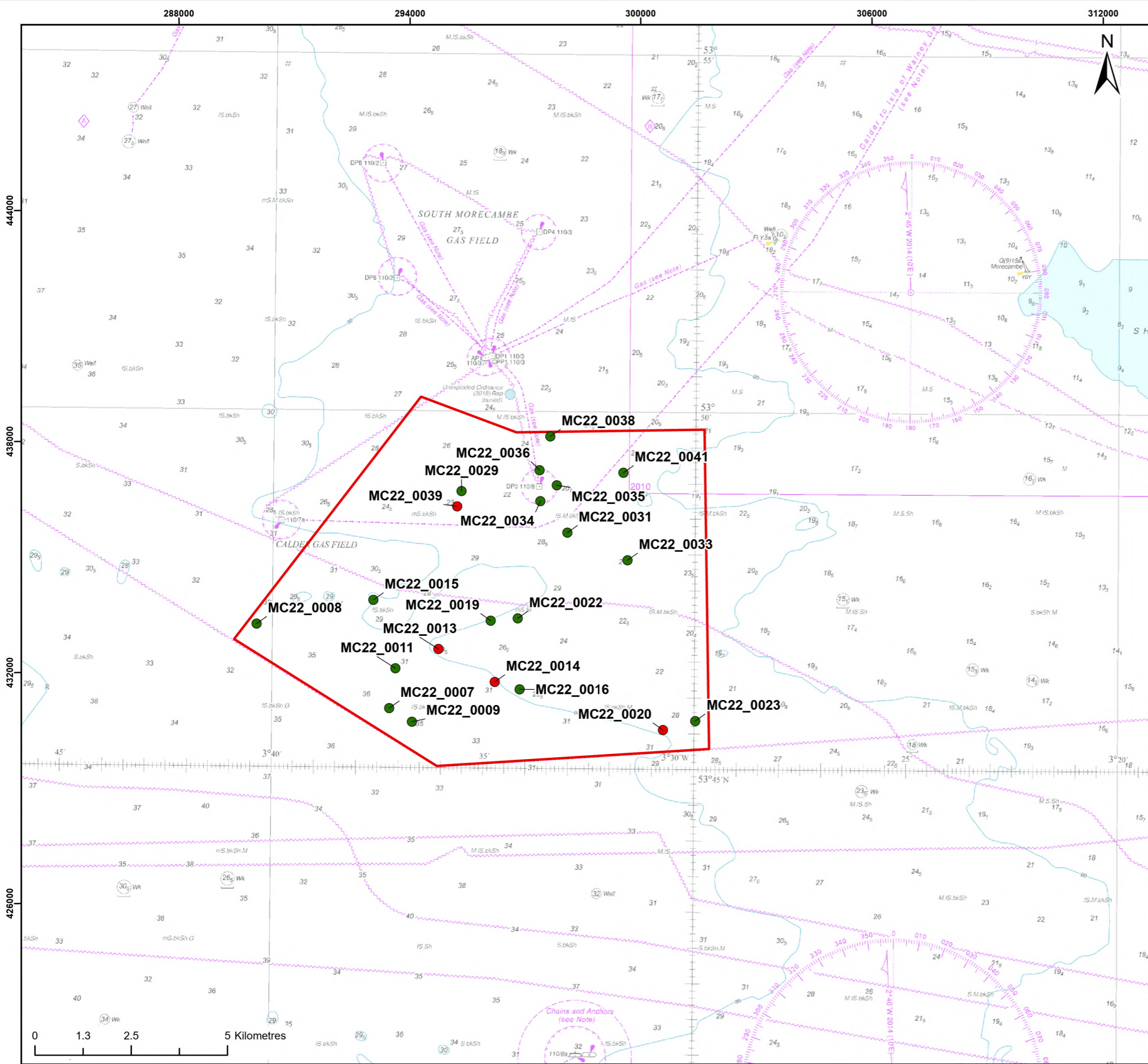
**Title:**  
North West Inshore & Offshore Marine Plan Areas

**Figure:** 15.2      **Drawing No:** PC1165-RHD-ES-OF-DG-Z-0084

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
P01	05/03/2024	JH	SB	A3	1:1,200,000
P02	23/04/2024	JH	SB	A3	1:1,200,000

Co-ordinate system: WGS 1984 UTM Zone 30N





**Legend:**  
 Morecambe Offshore Windfarm Site

**Anomaly Class**

- Low
- Medium

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**Report:**  
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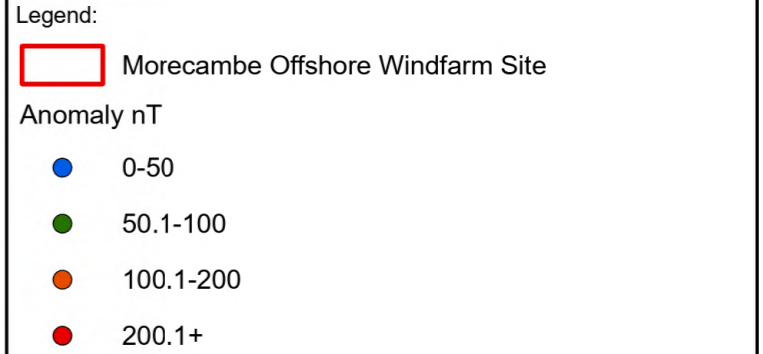
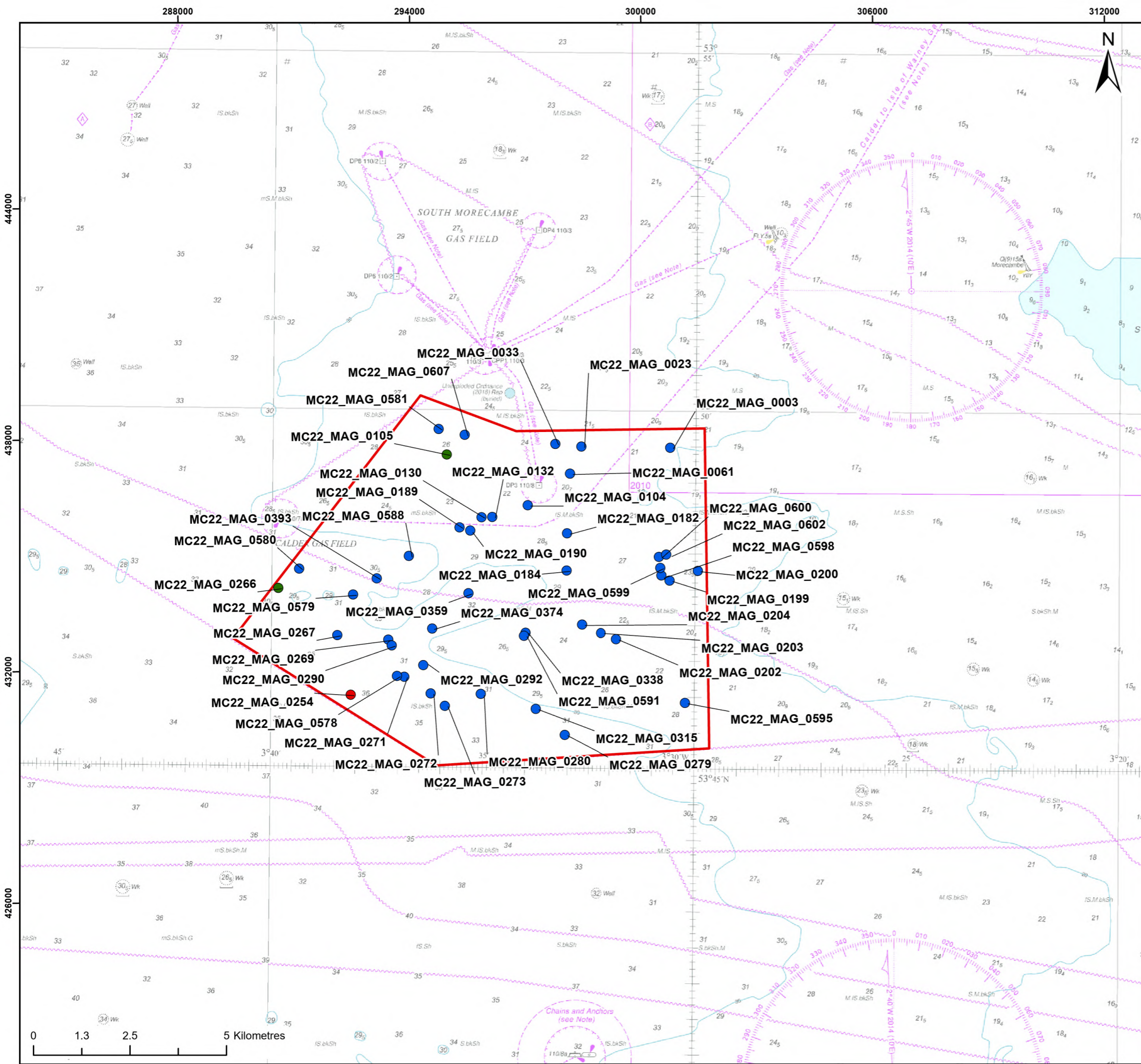
**Title:**  
 Distribution of archaeological anomalies

**Figure:** 15.3      **Drawing No:** PC1165-RHD-ES-OF-DG-Z-0116

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
P01	05/03/2024	JH	SB	A3	1:100,000

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Report:  
 Morecambe Offshore Windfarm: Generation Assets  
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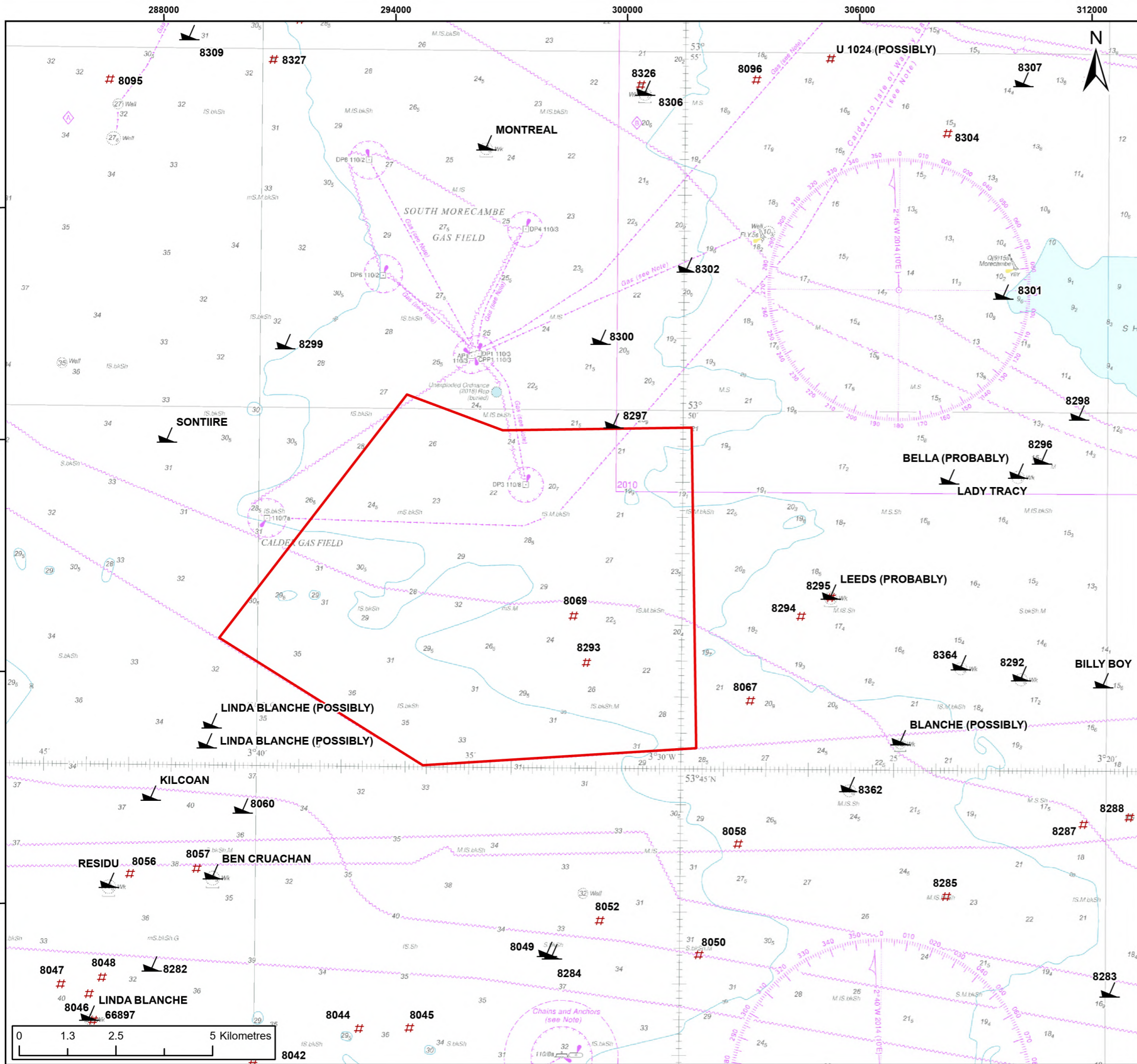
Title:  
 Distribution of magnetic anomalies

Figure: 15.4 | Drawing No: PC1165-RHD-ES-OF-DG-Z-0117

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
P01	23/04/2024	JH	SB	A3	1:100,000

Co-ordinate system: WGS 1984 UTM Zone 30N





- Legend:**
- Morecambe Offshore Windfarm Site
  - # Obstruction
  - ↙ Wreck

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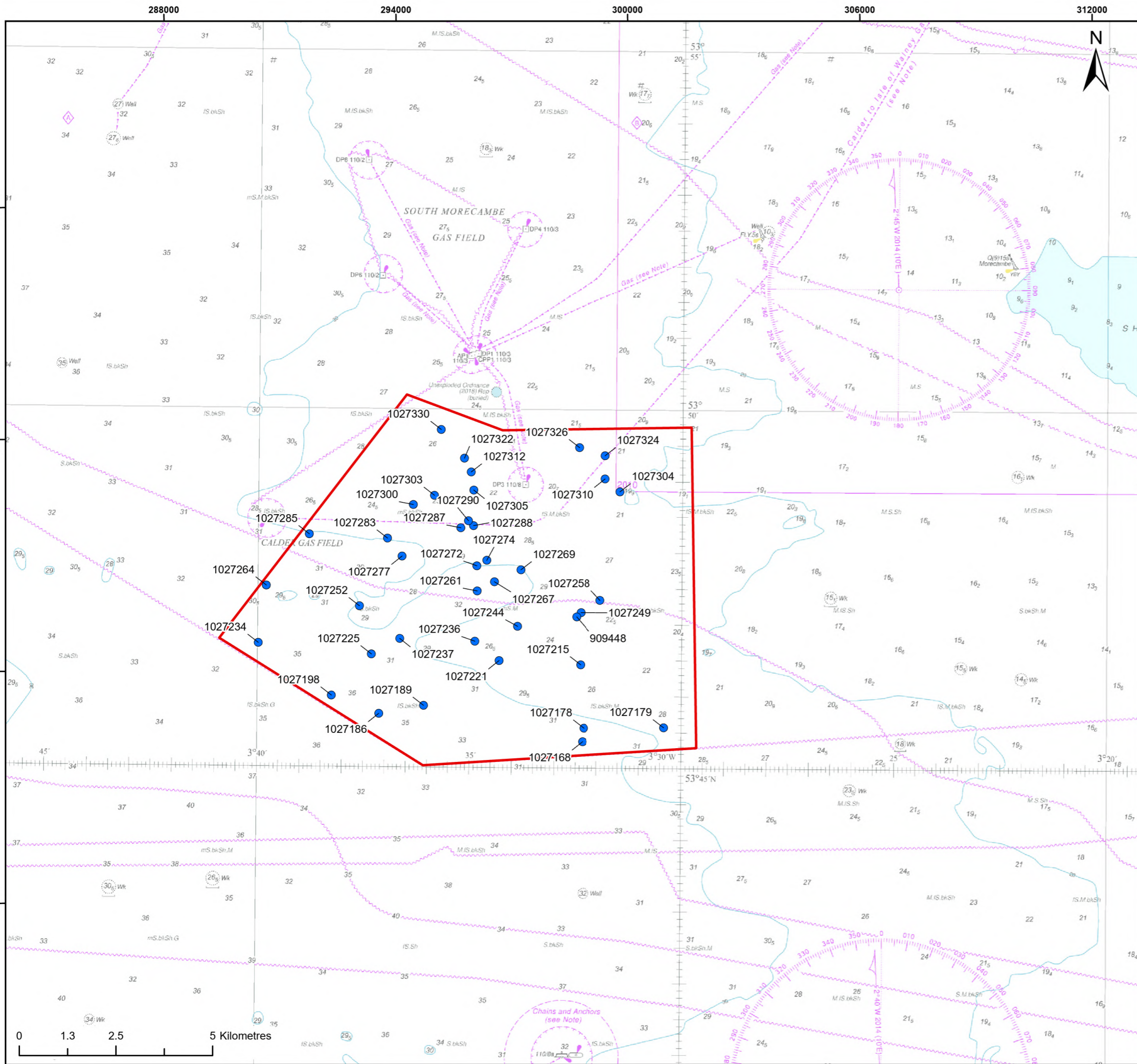
**Title:**  
 Distribution of UKHO Records

Figure: 15.5      Drawing No: PC1165-RHD-ES-OF-DR-Z-0046

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
P01	05/03/2024	JH	SB	A3	1:100,000
P02	23/04/2024	JH	SB	A3	1:100,000

Co-ordinate system: WGS 1984 UTM Zone 30N





- Legend:**
- Morecambe Offshore Windfarm Site
  - Historic England Marine records

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Morecambe Offshore Windfarm: Generation Assets Environmental Statement

**Title:**  
Distribution of Historic England Marine Records

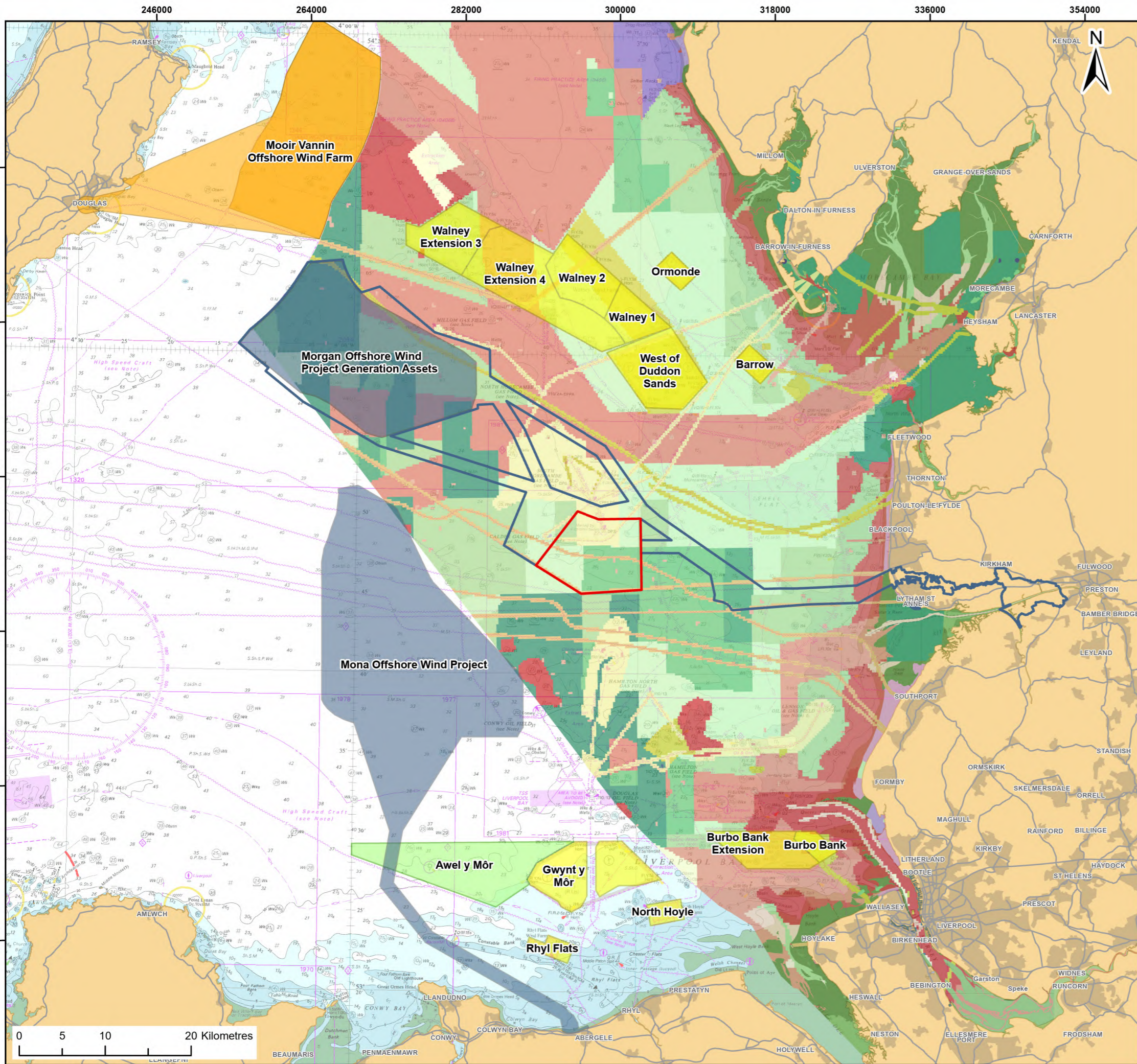
Figure: 15.6      Drawing No: PC1165-RHD-ES-OF-DR-Z-0047

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
P01	23/04/2024	JH	SB	A3	1:100,000

Co-ordinate system: WGS 1984 UTM Zone 30N







**Legend:**

Morecambe Offshore Windfarm Site	Saltmarsh	Hydrocarbon pipeline	Submerged rocks
Morgan and Morecambe Offshore Wind Farms	Sandflats	Power station (nuclear)	Wreck hazard
Transmission Assets (In Planning)	Sandy foreshore	Renewable energy installation (wind)	<b>Ports and docks</b>
<b>Windfarm status</b>	Shingle foreshore	Sewage works	Breakwater
Fully commissioned	Submerged forest	Ship yard	Dockyard (civilian)
Consented	Watercourse	Spoil and waste dumping	Harbour
Concept / Early planning	<b>Enclosed land</b>	Submarine power cable	Port
In Planning	Reclamation from sea	<b>Military</b>	Quay
<b>Coastal infrastructure</b>	Reclamation from tidal marsh	Early modern fortification	Terminal building
Flood defence	Reclamation from wetland	Firing range (land)	Warehousing
Sea defence	<b>Fishing</b>	Military practice area	Wet dock
<b>Communications</b>	Bottom trawling	Roman fortification	Working pier
Bridge	Fish trapping	WW2 fortification	<b>Recreation</b>
Canal	Fishing ground	Firing range (sea)	Holiday park
Civilian airfield	Fixed netting	<b>Navigation</b>	Leisure beach
Railway	Hand netting	Anchorage	Leisure sailing
Road	Potting	Daymark	Parks and gardens
Submarine telecommunications cable	Shellfish collection	Dredged channel/area	Pleasure pier
<b>Cultural topography</b>	Shellfish dredging	Drying hazard	Promenade
Cliff	Shellfish farming	Ferry crossing	Sports facility
Palaeolandscapes component	<b>HLC</b>	Lighthouse	Wildlife watching
Coarse sediment plains	HLC	Maritime debris	<b>Settlement</b>
Dunes	<b>Industry</b>	Navigation channel (active)	Urban settlement
Fine sediment plains	Aggregate dredging	Navigation channel (disused)	Village
Mudflats	Chemical works	Rock outcrops	<b>Unimproved land</b>
Rocky foreshore	Hydrocarbon field (gas)	Safety services	Rough grassland
	Hydrocarbon field (oil)	Shoals and flats	Scrub
	Hydrocarbon installation		

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Environmental Statement

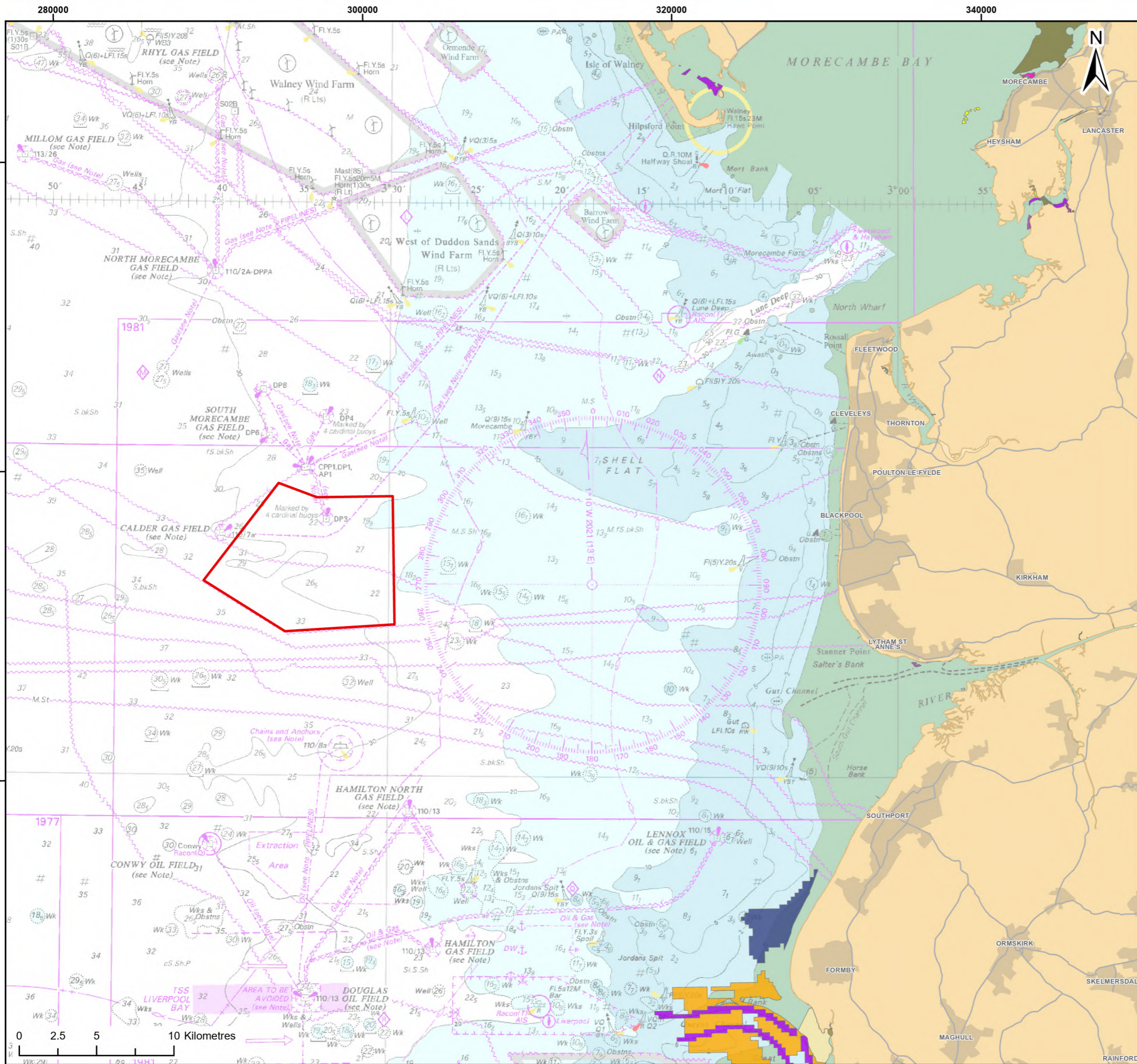
**Title:**  
Historic Seascape Character and  
Constructed/Proposed Developments

**Figure:** 15.7      **Drawing No:** PC1165-RHD-ES-OF-DR-Z-0048

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
P01	05/03/2024	JH	SB	A3	1:450,000
P02	03/04/2024	JH	SB	A3	1:450,000

Co-ordinate system: WGS 1984 UTM Zone 30N





**Legend:**

	Morecambe Offshore Windfarm Site		Promenade, Modern (AD1900 – Present)
<b>Historic Seascape Character: Previous SubTypes</b>			Quay, Early Modern (AD1750 – 1900)
	Bathing/swimming, Modern (AD1900 – Present)		Railway, Early Modern (AD1750 – 1900)
	Drying hazard, Early Modern (AD1750 – 1900)		Saltmarsh, Early Modern (AD1750 – 1900)
	Ferry crossing, Early Modern (AD1750 – 1900)		Sandflats, Unknown
	Fish trapping, Early Modern (AD1750 – 1900)		Shellfish collection, Early Modern (AD1750 – 1900)
	Landing point, Early Modern (AD1750 – 1900)		Shoals and flats, Early Modern (AD1750 – 1900)
	Port, Medieval (AD1066 – 1540)		Submerged forest, Unknown
	Port, Post Medieval (AD1540 – 1750)		Warehousing, Early Modern (AD1750 – 1900)
	Promenade, Early Modern (AD1750 – 1900)		Wreck hazard, Unknown

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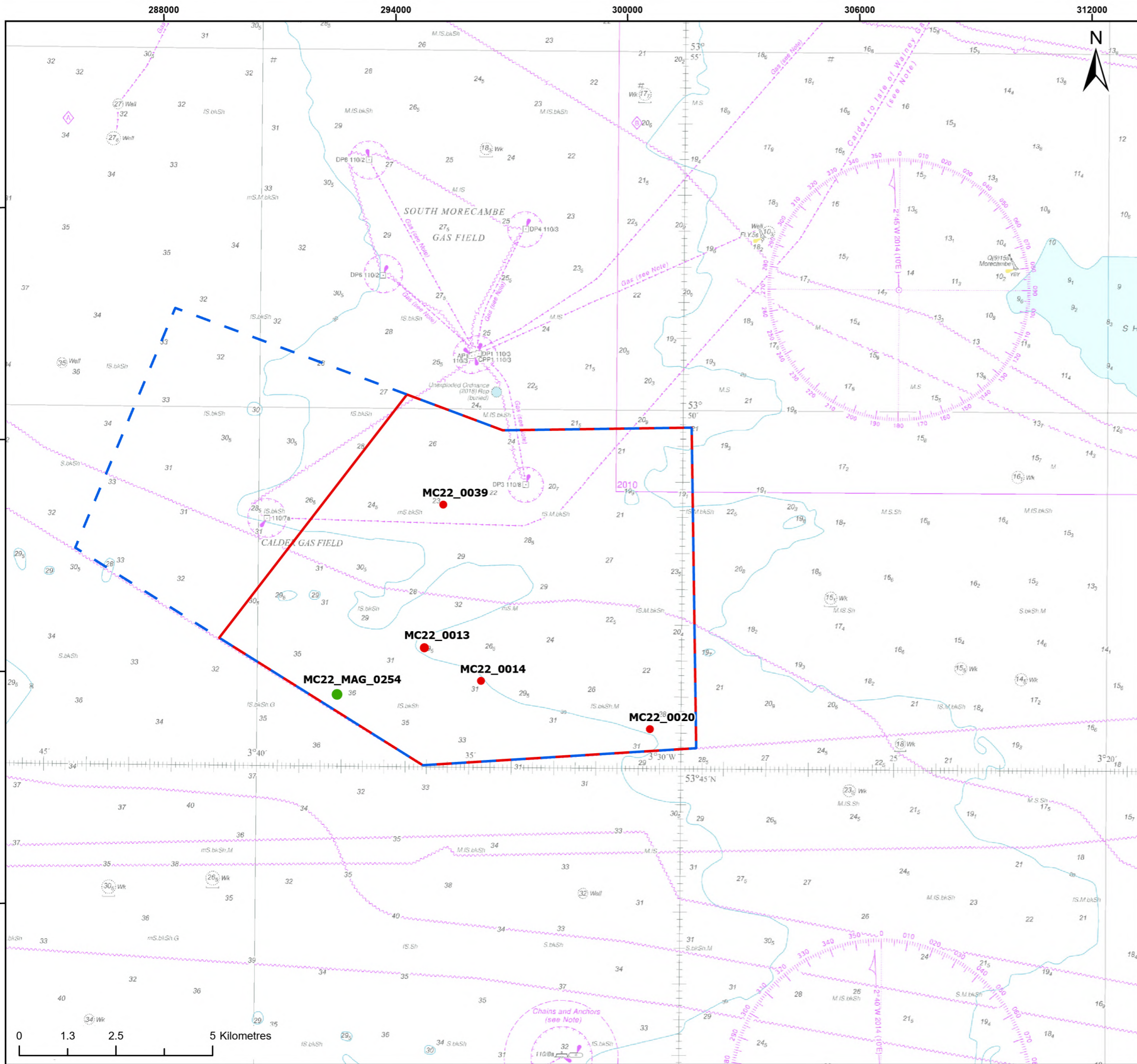
**Title:**  
Historic Seascape Character - Previous Sub Types

**Figure:** 15.8      **Drawing No:** PC1165-RHD-ES-OF-DR-Z-0049

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
P01	05/03/2024	JH	SB	A3	1:250,000

Co-ordinate system: WGS 1984 UTM Zone 30N





**Legend:**

- Morecambe Offshore Windfarm Site
- Agreement for Lease boundary
- Archaeological Exclusion Zone
- Temporary Exclusion Zone

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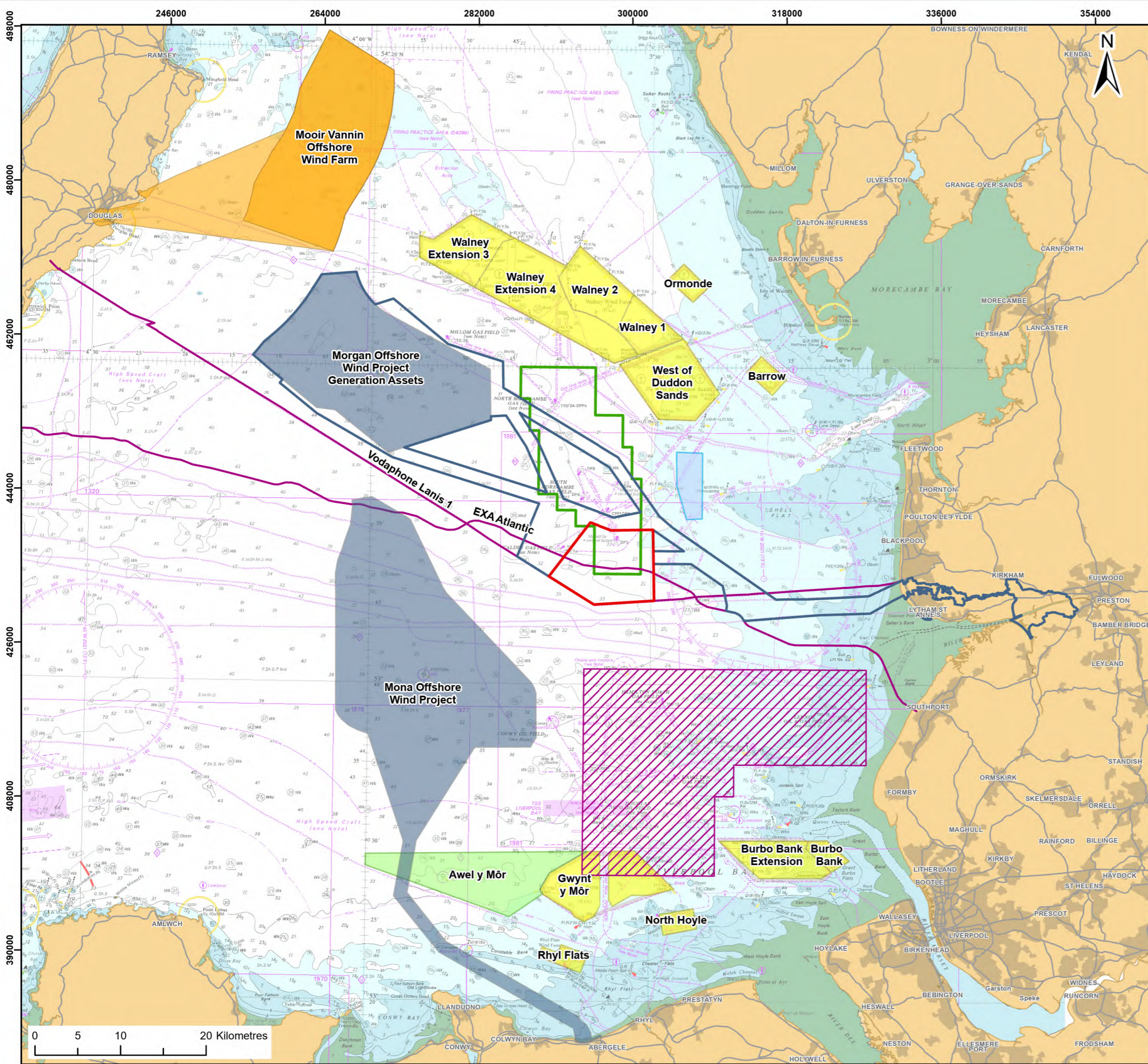
**Title:**  
Archaeological Exclusion Zones and Temporary Exclusion Zones in the Windfarm Site

Figure: 15.9      Drawing No: PC1165-RHD-ES-OF-DG-Z-0110

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
P01	21/02/2024	SB	GC	A3	1:100,000
P02	03/04/2024	JH	SB	A3	1:100,000

Co-ordinate system: WGS 1984 UTM Zone 30N





**Legend:**

- Morecambe Offshore Windfarm Site
- Morgan and Morecambe Offshore Wind Farms: Transmission Assets (In Planning)
- Carbon Capture Storage Area (EIS Area 1)
- Carbon Capture Storage License (CS004)
- Gateway Gas Storage Project
- Telecom cables

**Windfarm status**

- Fully commissioned
- Consented
- In Planning
- Concept / Early planning

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**Report:**  
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**Title:**  
Other plans, projects and activities included in the Cumulative Effects Assessment for marine archaeology and cultural heritage

Figure: 15.10 Drawing No: PC1165-RHD-ES-OF-DR-Z-0115

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
P01	15/02/2024	JH	AS	A3	1:450,000
P02	04/04/2024	JH	AS	A3	1:450,000

Co-ordinate system: WGS 1984 UTM Zone 30N

