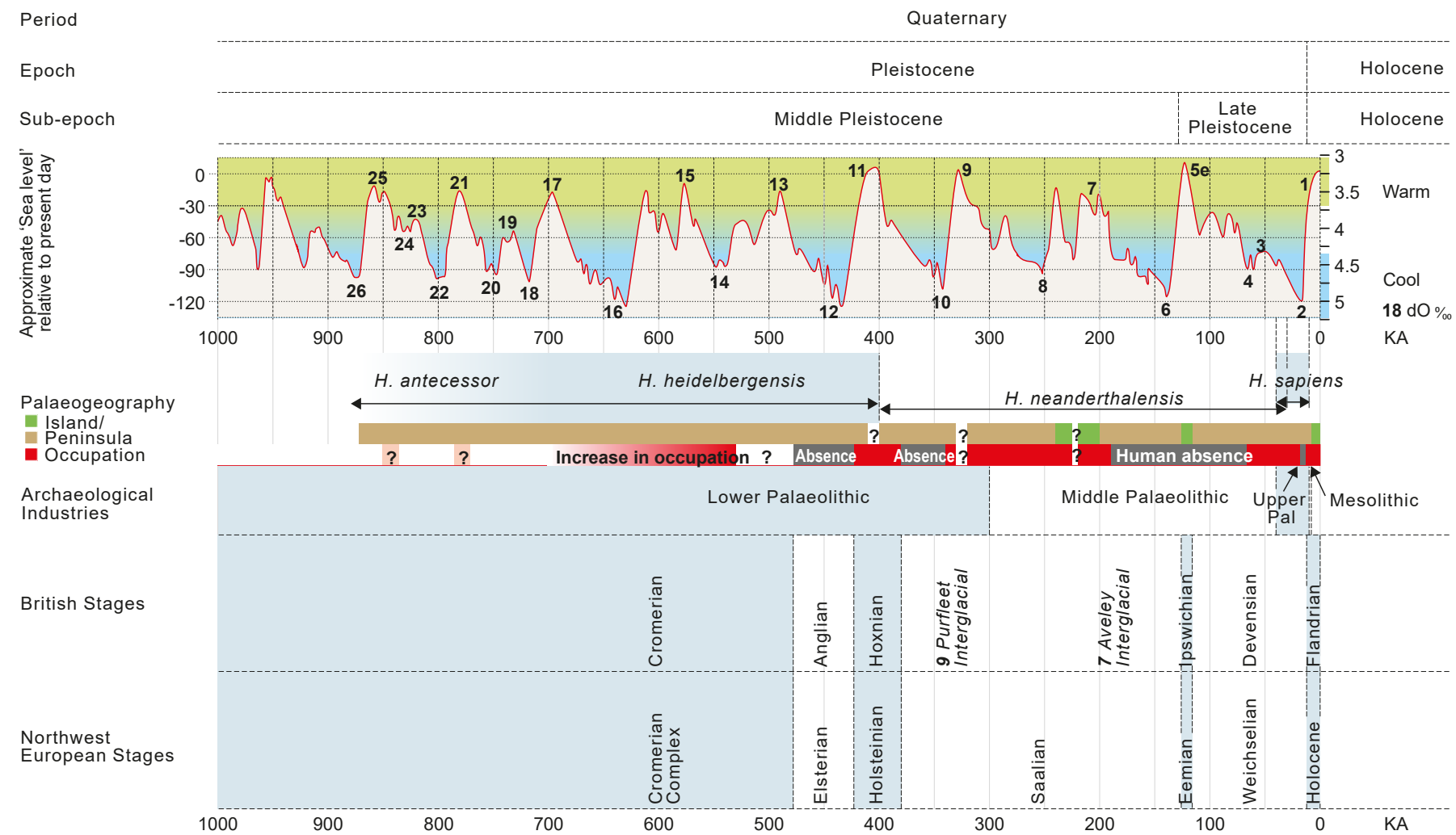


- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
 - English Territorial Waters

0	12/05/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App

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Scheme: SEA LINK					
Document Title: Marine archaeological study area					
Creator: KF	Date: 12/05/2023	Checker: VL	Date: 12/05/2023	Approver: EM	Date: 12/05/2023
Document Ref: FIGURE 4.7.A.1	Scale: 1:200,000	Format: A3	Sheets: 1	Rev: 0	

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The figure presents information derived from several references:

Lisiecki, L. E. and Raymo, M. E. (2005). A Pliocene-Pleistocene stack of 57 globally distributed benthic $\delta^{18}O$ records. *Paleoceanography*, Vol. 20, PA1003.

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Dix, J. and Westley, K. (2004). *A Re-Assessment of the Archaeological Potential of Continental Shelves*. University of Southampton: Unpublished report (see Online-Resources).

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Gibbard, P. and van Kolschoten (2004). The Pliocene and Holocene Epochs, in F. M Gradstein, J. G. Ogg and A. G. Smith (eds) *A Geological Time Scale 2004*. Cambridge University Press.

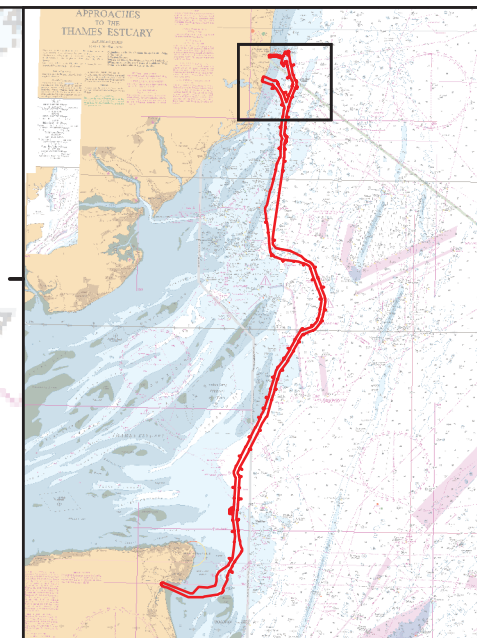
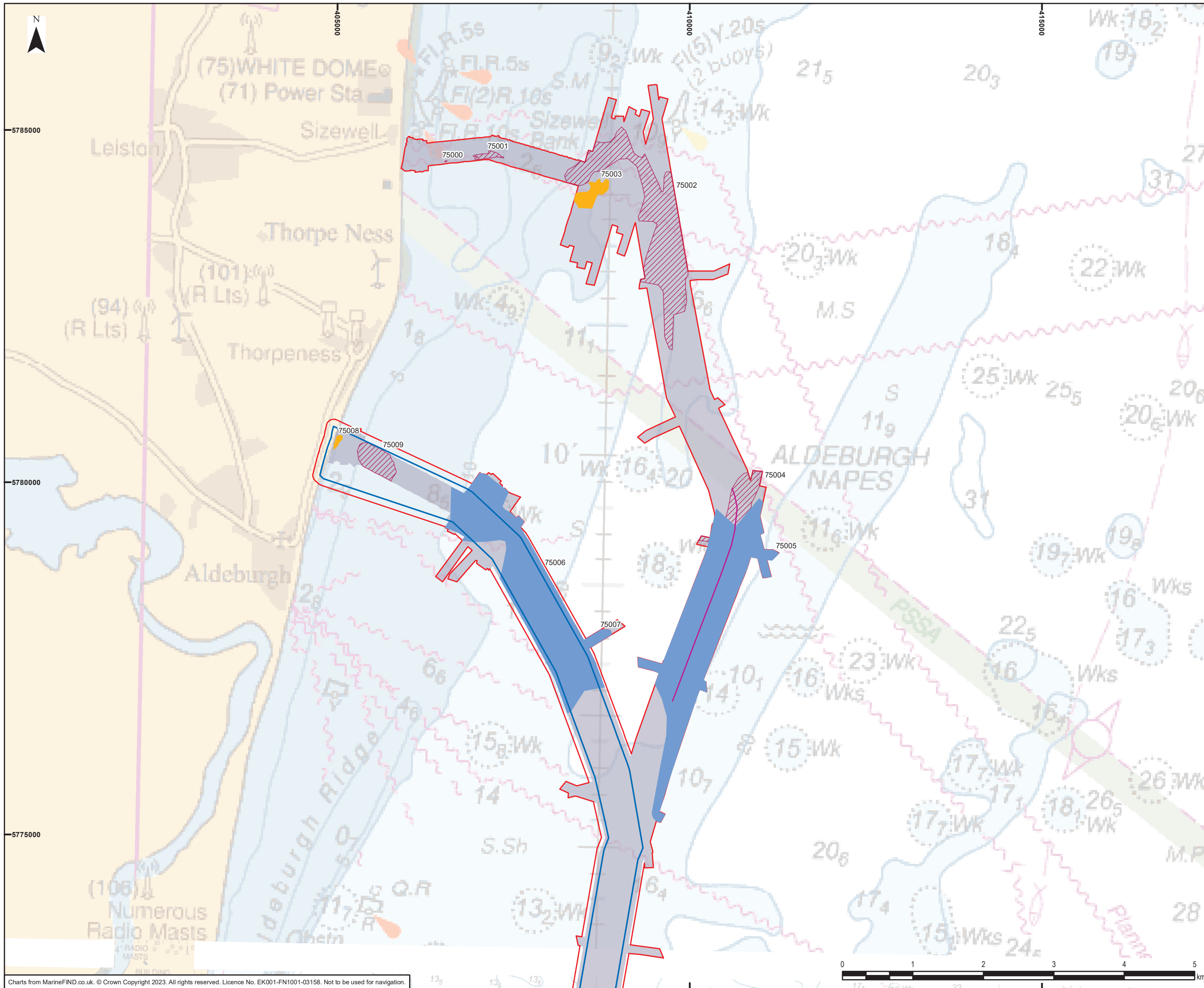
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Lee, J. R., Rose, J., Candy, I. and Barendregt, R.W. (2006). Sea level changes, river activity, soil development and glaciation around the western margins of the southern North Sea Basin during the Early and early Middle Pleistocene: evidence from Pakefield, Suffolk, UK. *Journal of Quaternary Science*, 21, pp.155 - 179.

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Document Ref: FIGURE 4.7.A.2	Scale: N/A	Format: A3	Sheets: 1	Rev: 0	



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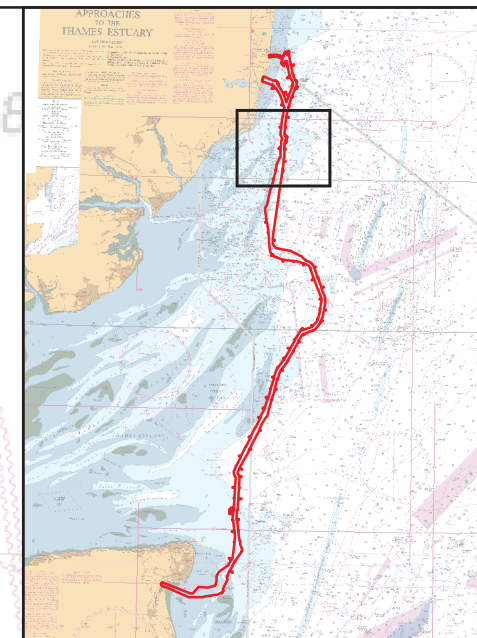
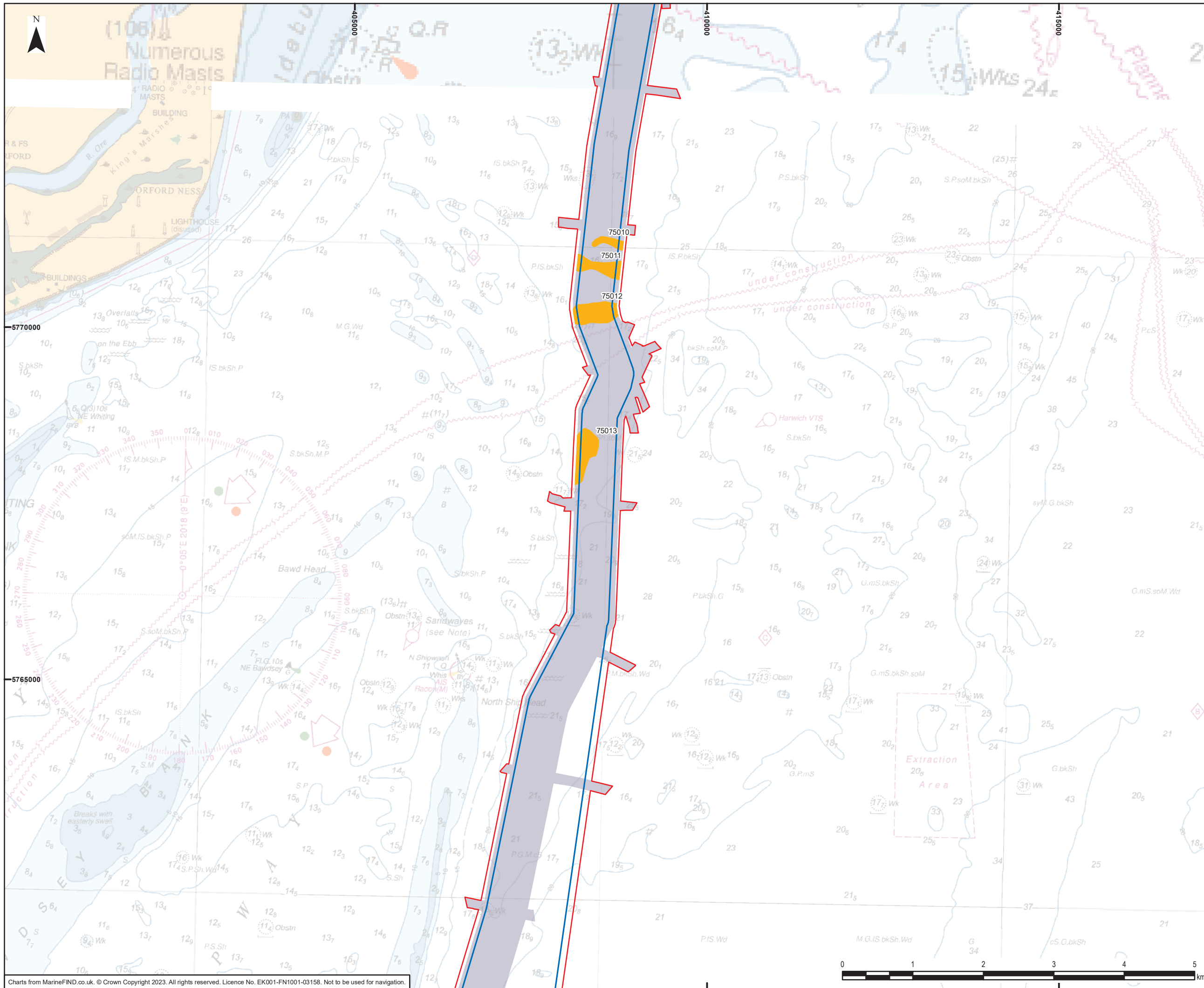
- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary
- Data example location

Features of archaeological potential

- Channel
- Simple cut and fill
- Acoustic blanking

0	18/04/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App

nationalgrid					
Scheme: SEA LINK					
Document Title: Marine archaeological study area					
Creator: KF	Date: 18/04/2023	Checker: VL	Date: 18/04/2023	Approver: EM	Date: 18/04/2023
Document Ref: FIGURE 4.7.A.3A	Scale: 1:50,000	Format: A3	Sheets: 1	Rev: 0	



Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Features of archaeological potential

- Simple cut and fill

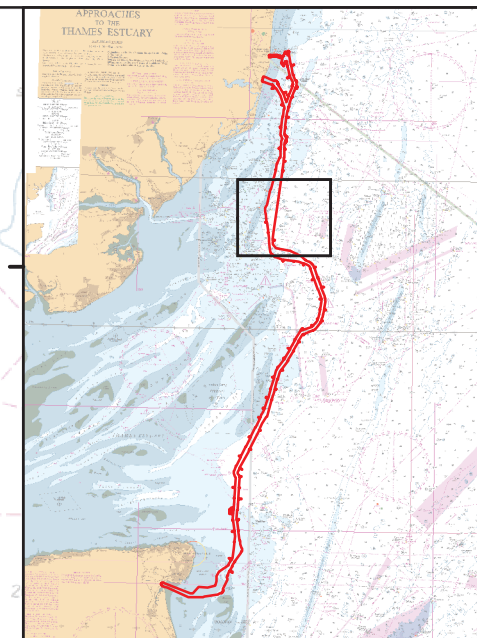
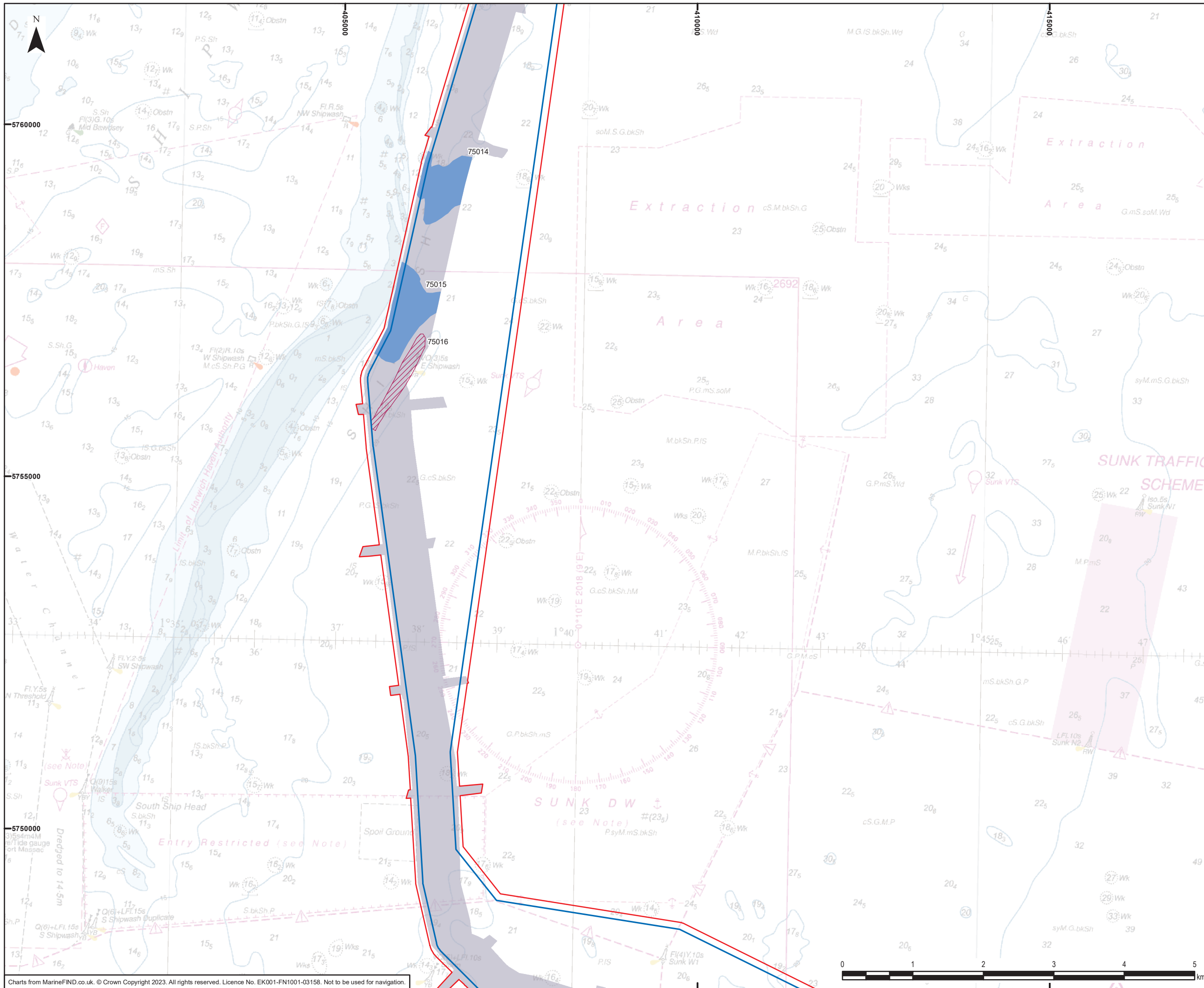
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Rev	Date	Description	GIS	Chk	App

nationalgrid

Scheme: SEA LINK

Document Title: Marine archaeological study area

Creator: KF	Date: 18/04/2023	Checker: VL	Date: 18/04/2023	Approver: EM	Date: 18/04/2023
Document Ref: FIGURE 4.7.A.3B	Scale: 1:50,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
- Features of archaeological potential**
- Channel
 - Acoustic blanking

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Document Path: W:\Projects\244370\GIS\Figs\MXD\DBA_Tech\2023_03_22\244370_DBA_Tech_Fig04.7.A.3.mxd

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Rev	Date	Description	GIS	Chk	App

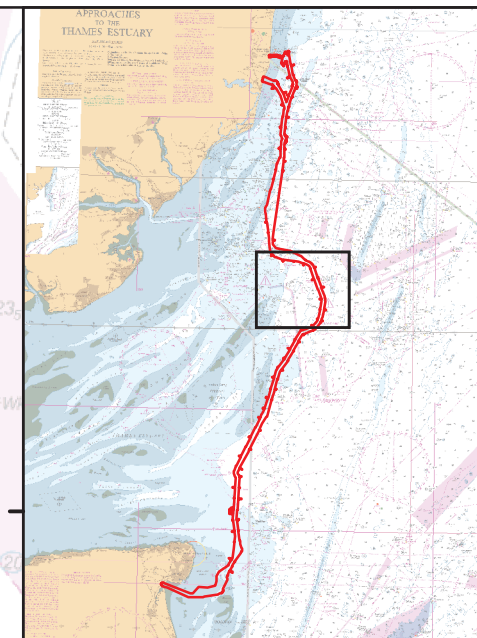
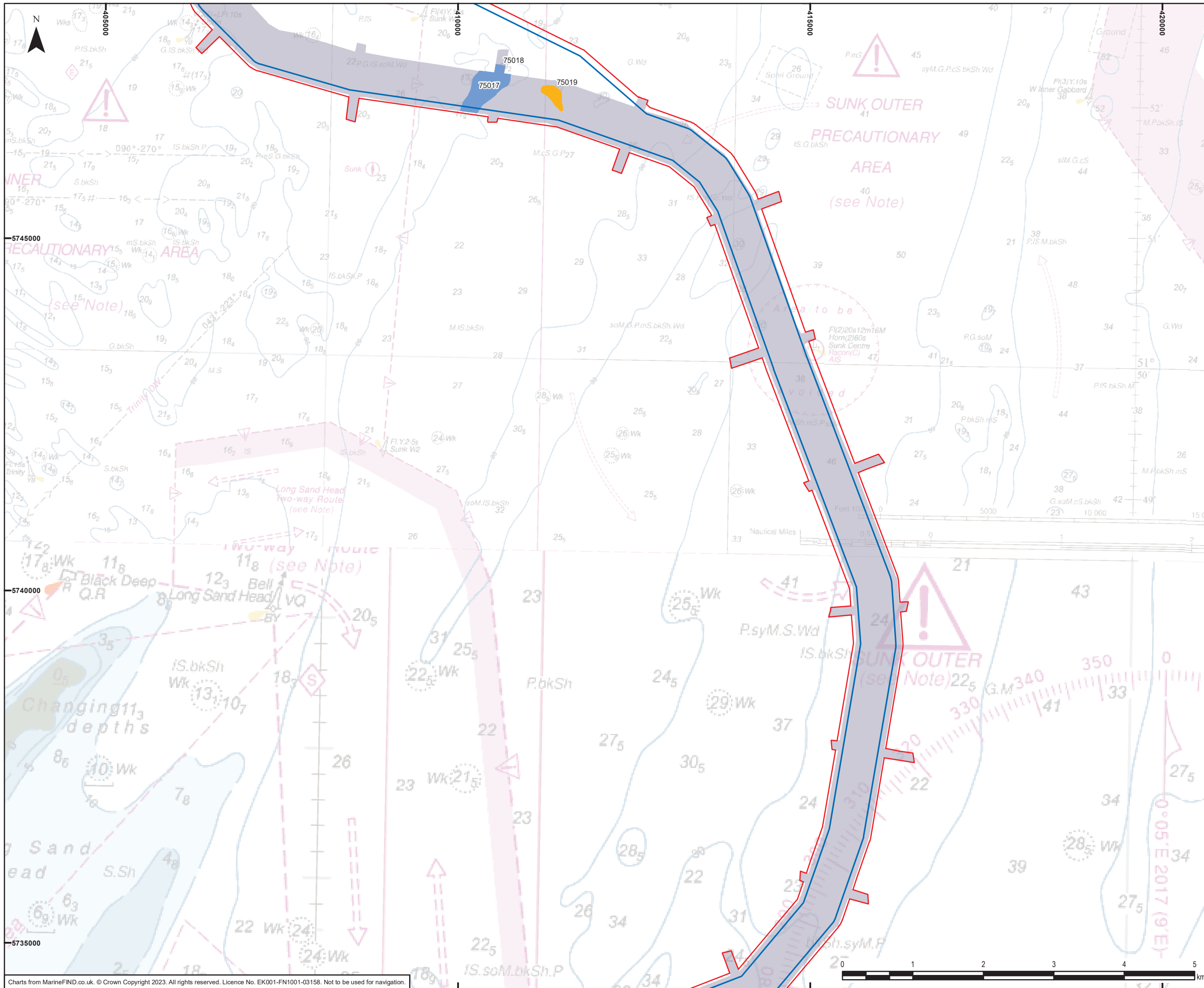


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Document Ref:	Scale:	Format:	Sheets:	Rev:	
FIGURE 4.7.A.3C	1:50,000	A3	1	0	





- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
- Features of archaeological potential**
- Channel
 - Simple cut and fill
 - High amplitude reflector

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Rev	Date	Description	GIS	Chk	App

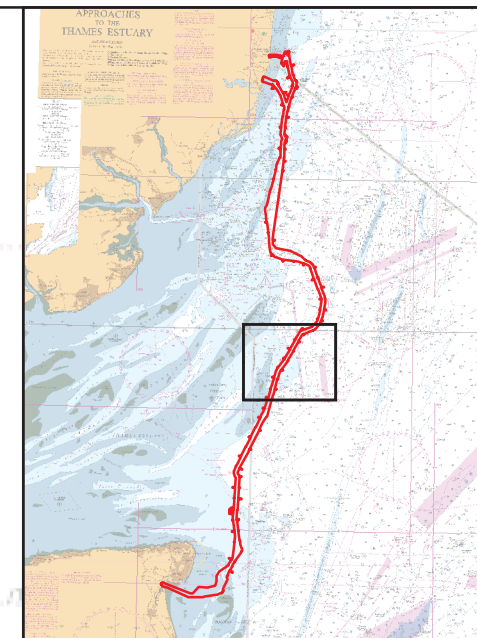
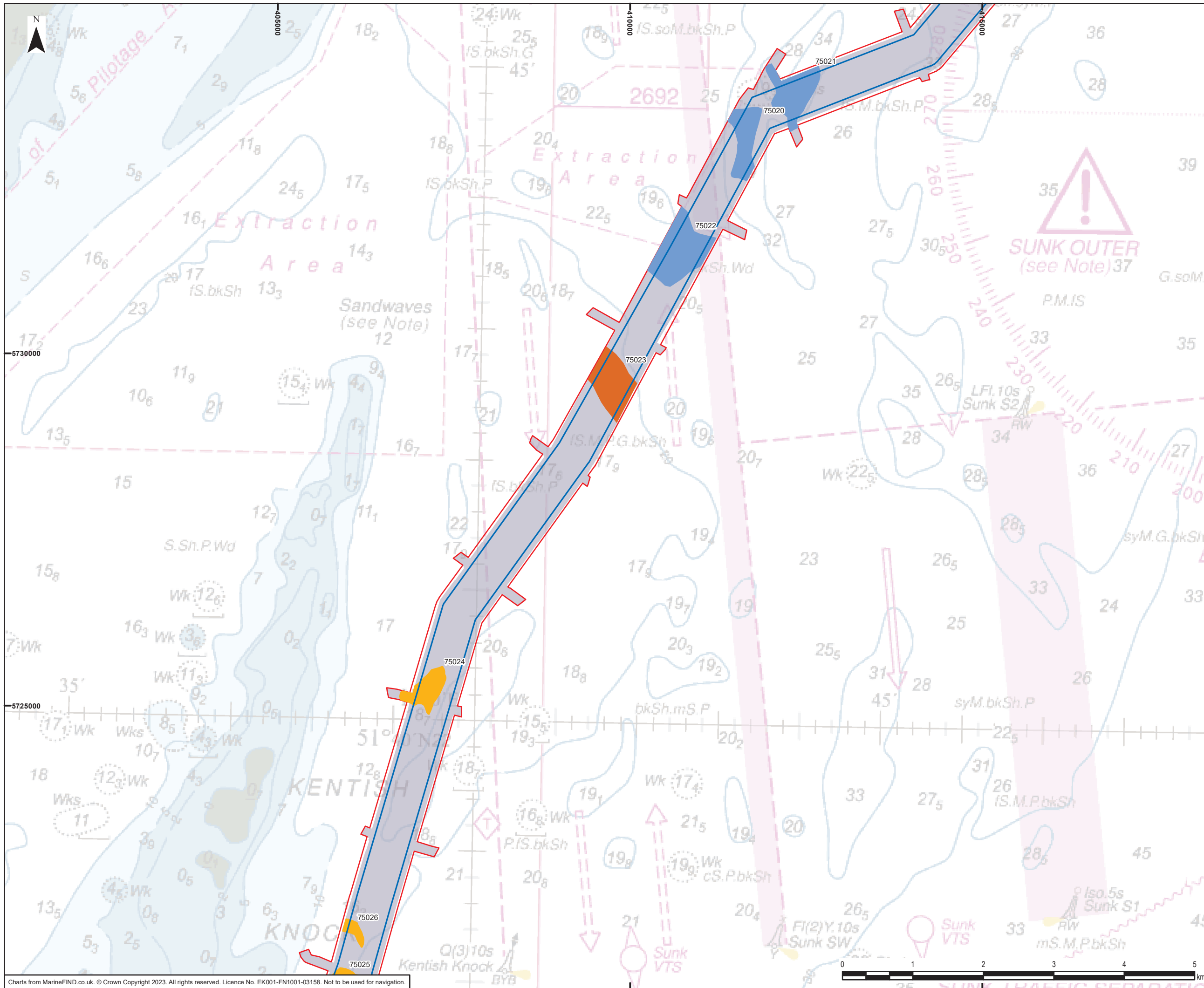
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Scheme: SEA LINK

Document Title: Marine archaeological study area

Creator: KF	Date: 18/04/2023	Checker: VL	Date: 18/04/2023	Approver: EM	Date: 18/04/2023
Document Ref: FIGURE 4.7.A.3D	Scale: 1:50,000	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
- Features of archaeological potential**
- Channel
 - Simple cut and fill
 - Complex cut and fill

0	18/04/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App

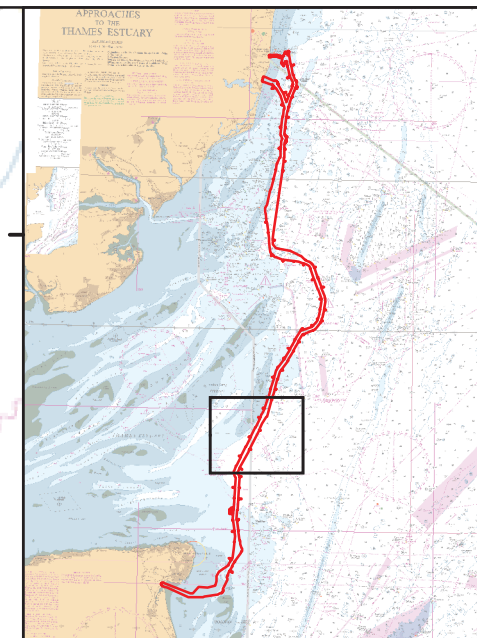
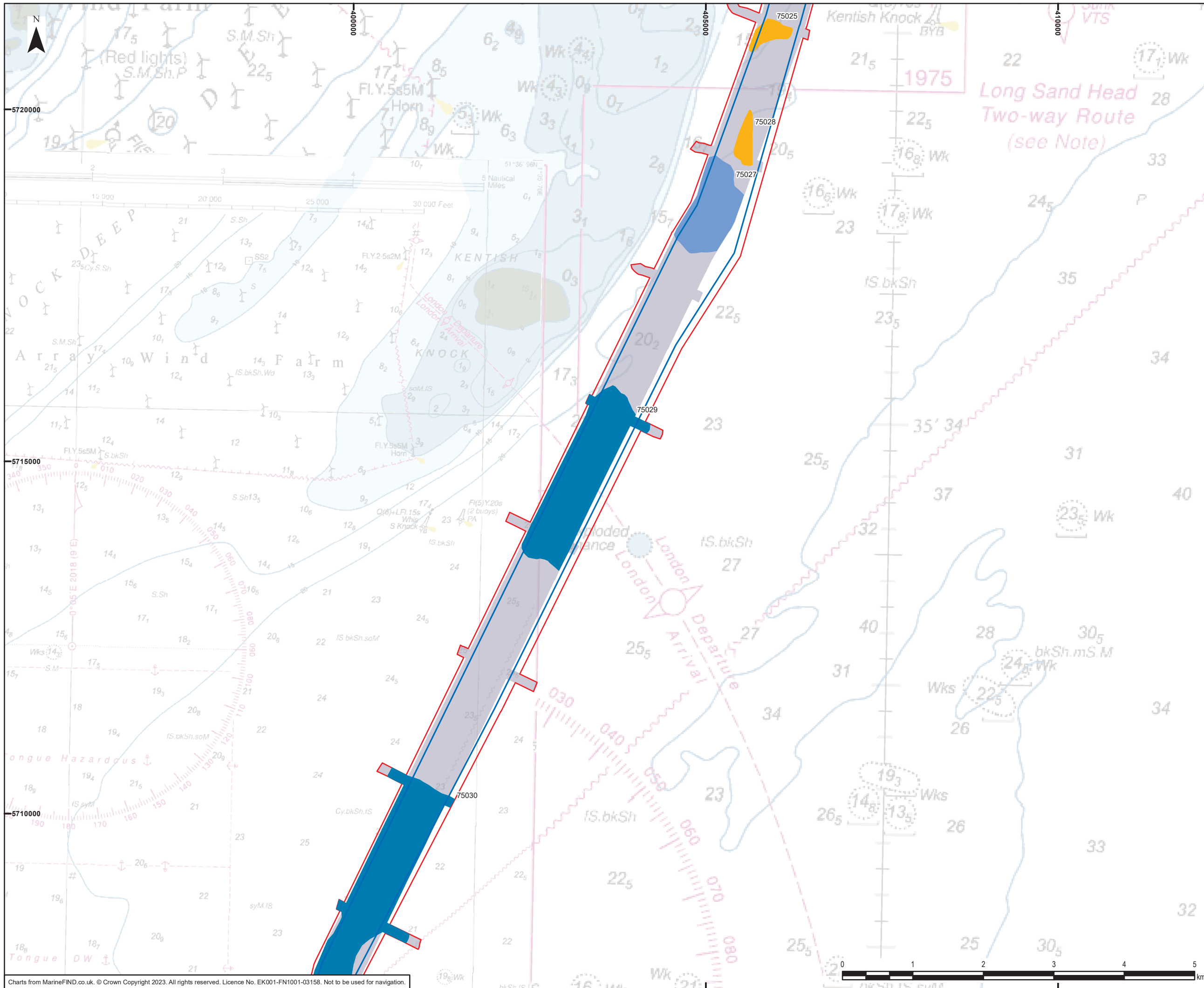
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Scheme: SEA LINK

Document Title: Marine archaeological study area

Creator: KF	Date: 18/04/2023	Checker: VL	Date: 18/04/2023	Approver: EM	Date: 18/04/2023
Document Ref: FIGURE 4.7.A.3E	Scale: 1:50,000	Format: A3	Sheets: 1	Rev: 0	

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- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
- Features of archaeological potential**
- Channel
 - Channel complex
 - Simple cut and fill

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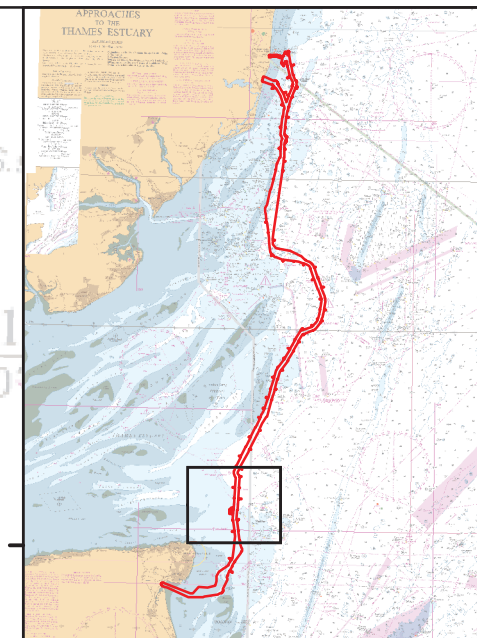
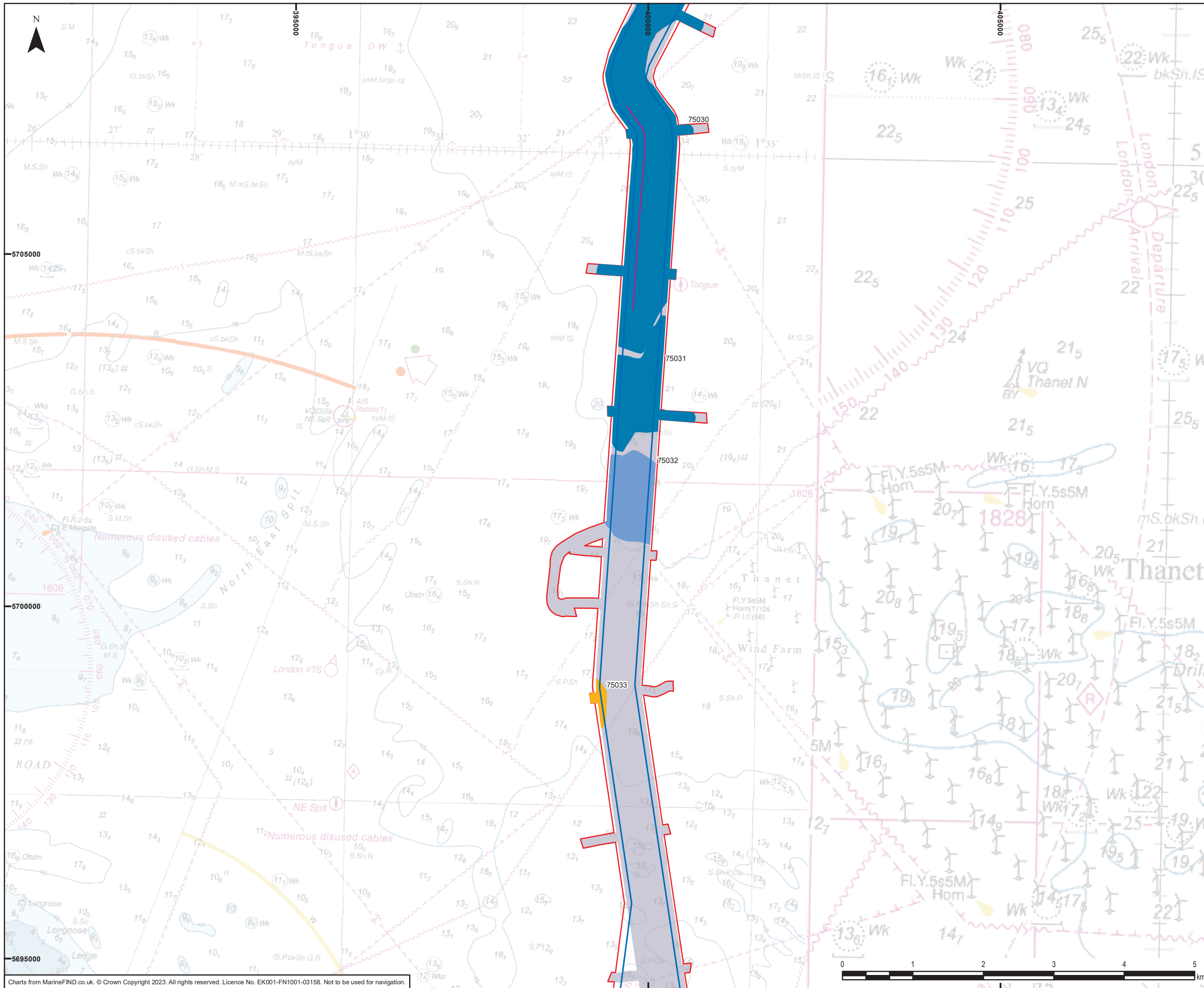
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Rev	Date	Description	GIS	Chk	App



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Creator: KF	Date: 18/04/2023	Checker: VL	Date: 18/04/2023	Approver: EM	Date: 18/04/2023
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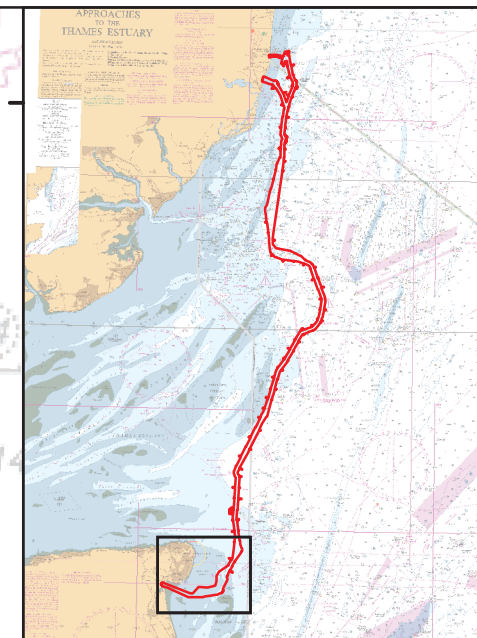
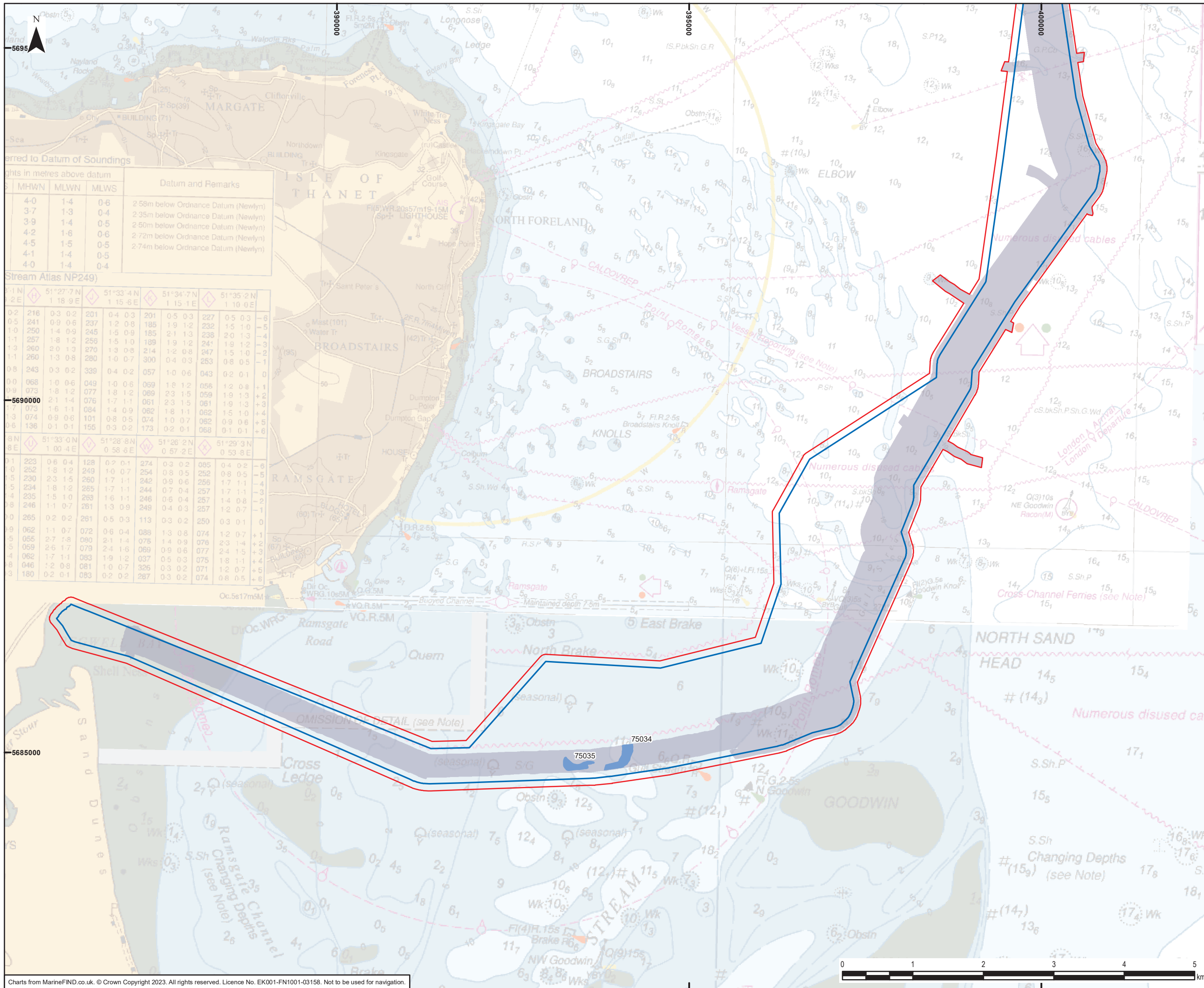
- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
 - Data example location
- Features of archaeological potential**
- Channel
 - Channel complex
 - Simple cut and fill

0	18/04/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App

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Creator: KF	Date: 18/04/2023	Checker: VL	Date: 18/04/2023	Approver: EM	Date: 18/04/2023
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Heights in metres above datum

MHWN	MLWN	MLWS	Datum and Remarks
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3.7	1.3	0.4	2.35m below Ordnance Datum (Newlyn)
3.9	1.4	0.5	2.50m below Ordnance Datum (Newlyn)
4.2	1.6	0.6	2.72m below Ordnance Datum (Newlyn)
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Stream Atlas NP249)

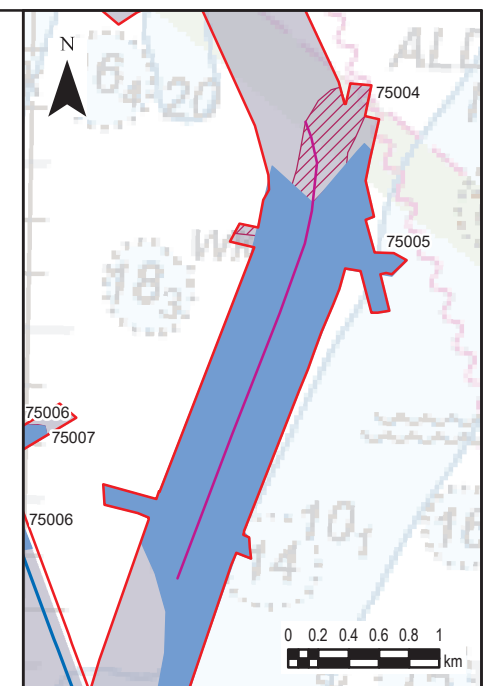
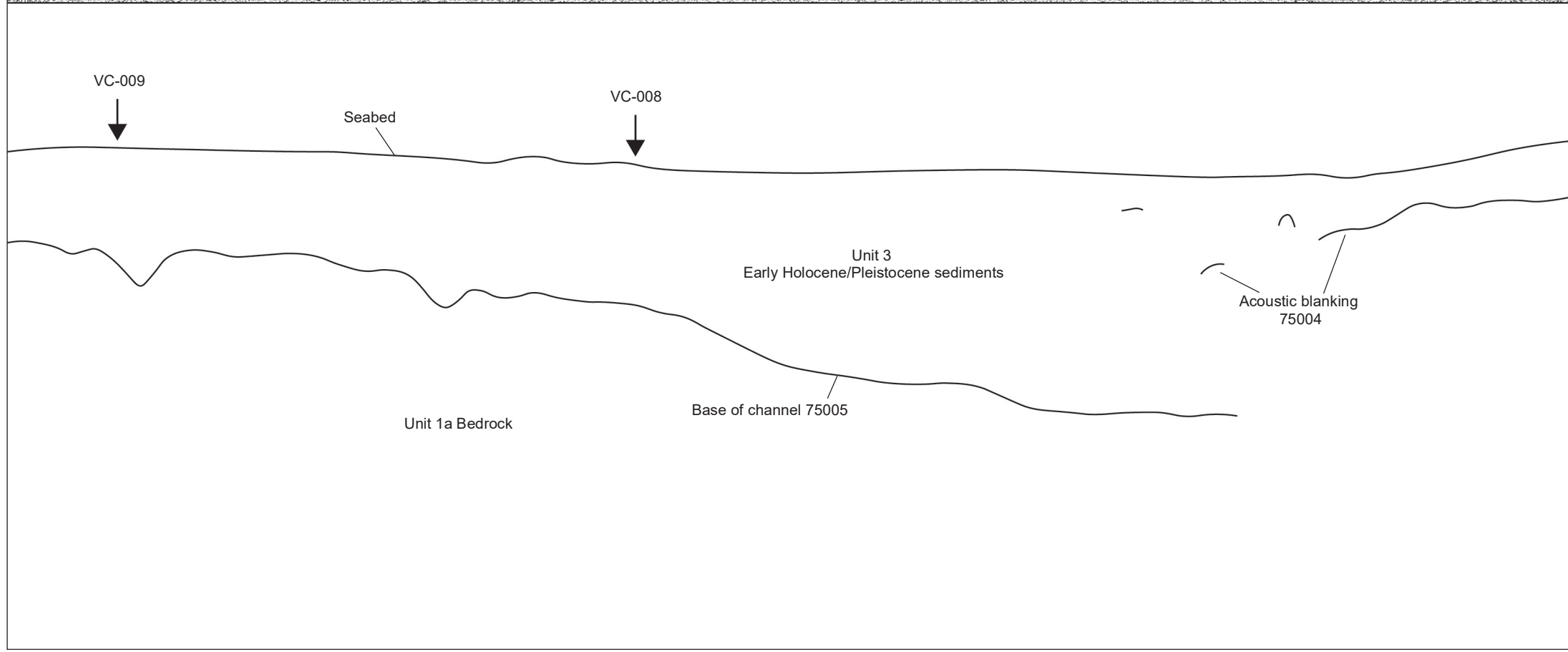
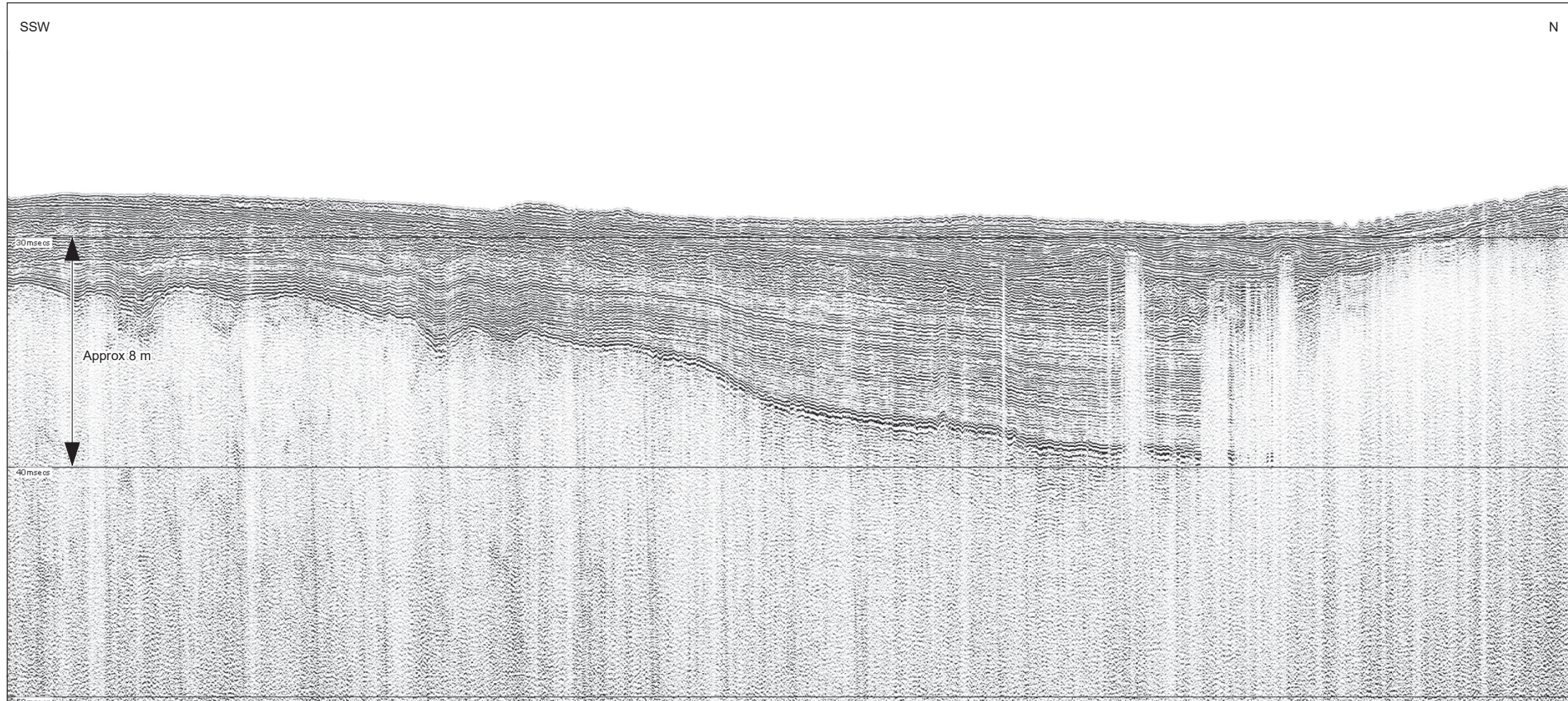
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1.0	250	1.4	0.9	245	1.5	0.9	185	2.1	1.3	238	2.0	1.3
1.1	257	1.8	1.2	259	1.5	1.0	189	1.9	1.2	247	1.9	1.2
1.3	260	2.0	1.3	270	1.3	0.8	214	1.2	0.8	247	1.5	1.0
1.1	260	1.3	0.8	280	1.0	0.7	300	0.4	0.3	253	0.8	0.5
0.8	243	0.3	0.2	339	0.4	0.2	057	1.0	0.6	043	0.2	0.1
0.0	068	1.0	0.6	049	1.0	0.6	069	1.8	1.2	056	1.2	0.8
0.9	073	1.8	1.2	077	1.8	1.2	089	2.3	1.5	059	1.9	1.3
5690000	0.7	2.1	1.4	076	1.7	1.1	061	2.3	1.5	061	1.9	1.3
1.7	073	1.6	1.1	084	1.4	0.9	082	1.8	1.1	062	1.5	1.0
1.3	074	0.9	0.6	101	0.8	0.5	074	1.0	0.7	062	0.9	0.6
0.6	136	0.1	0.1	155	0.3	0.2	173	0.2	0.1	068	0.1	0.1

- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
- Features of archaeological potential**
- Channel

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Rev	Date	Description	GIS	Chk	App

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Creator: KF	Date: 18/04/2023	Checker: VL	Date: 18/04/2023	Approver: EM	Date: 18/04/2023
Document Ref: FIGURE 4.7.A.3H	Scale: 1:50,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
 - Data example location
- Features of archaeological potential**
- Channel
 - Acoustic blanking

0	23/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
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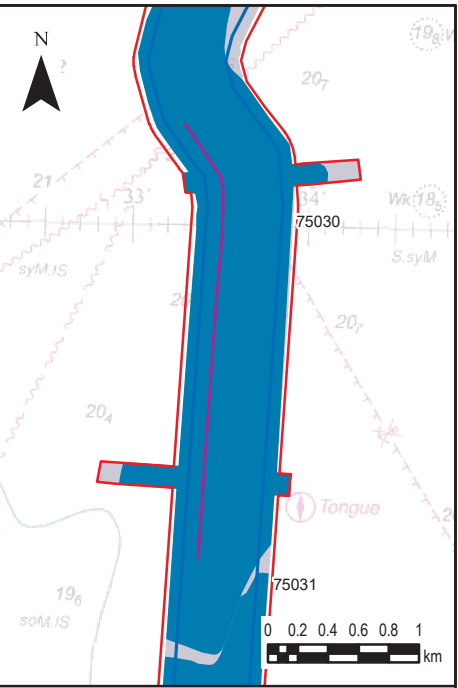
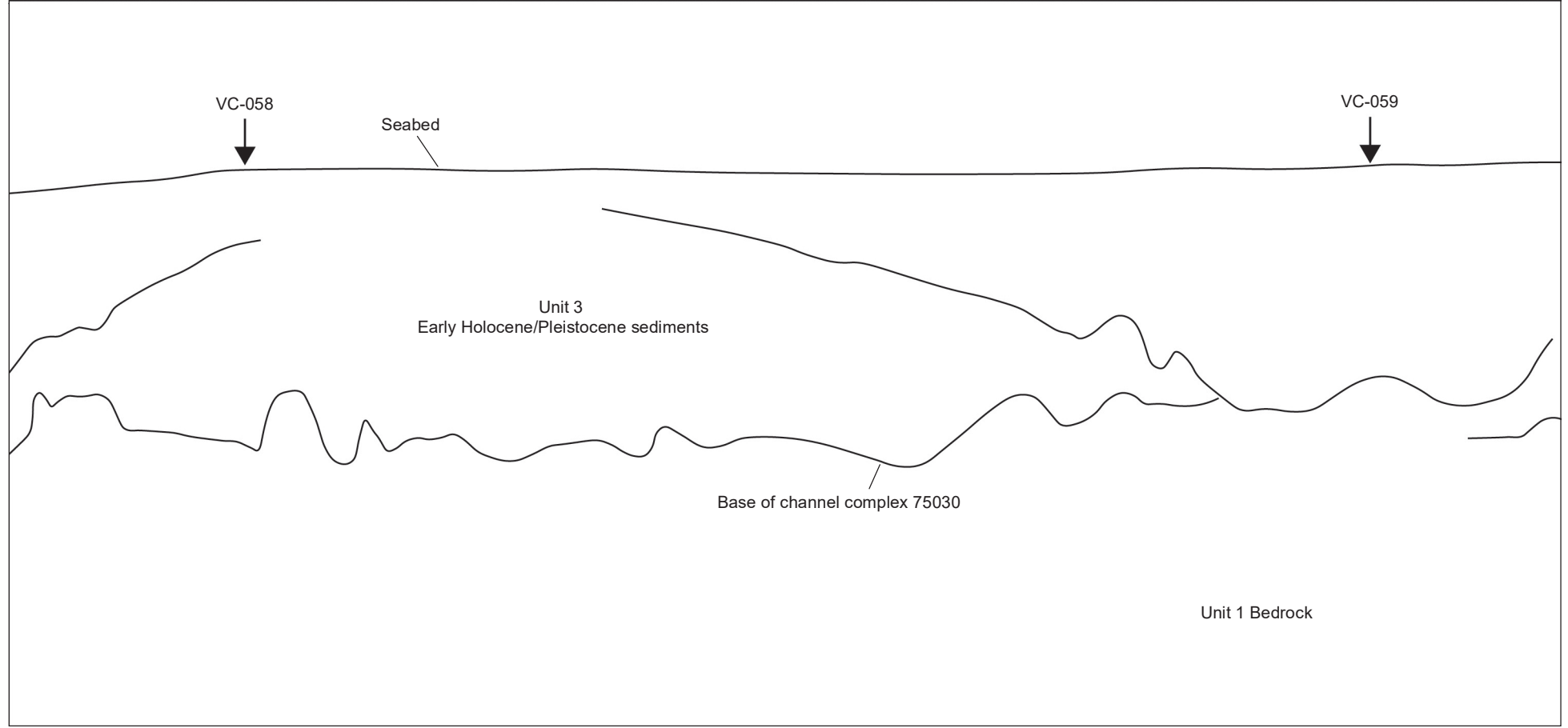
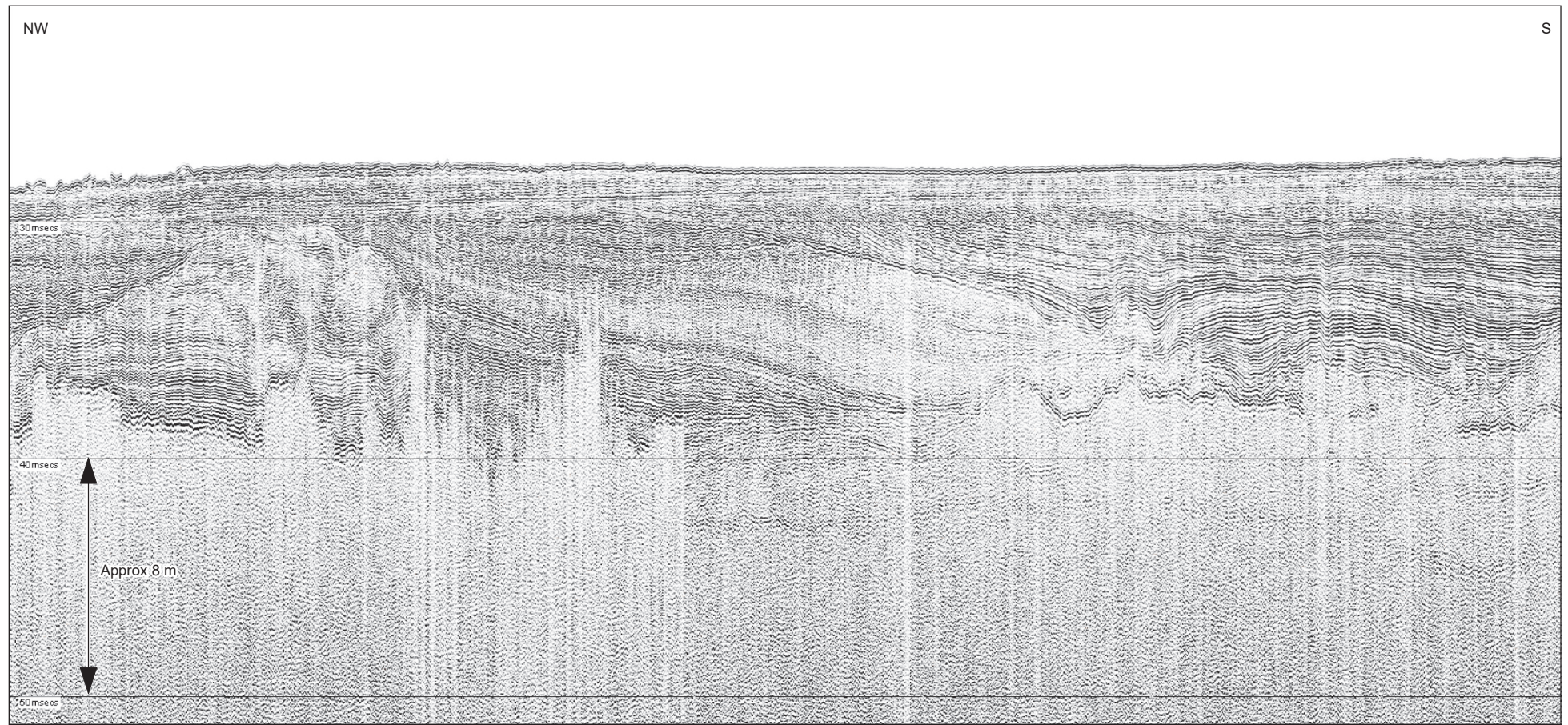
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Scheme: SEA LINK

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KF	23/03/2023	VL	23/03/2023	EM	23/03/2023

Document Ref:	Scale:	Format:	Sheets:	Rev:
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- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
 - Data example location
- Features of archaeological potential**
- Channel complex

0	23/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App

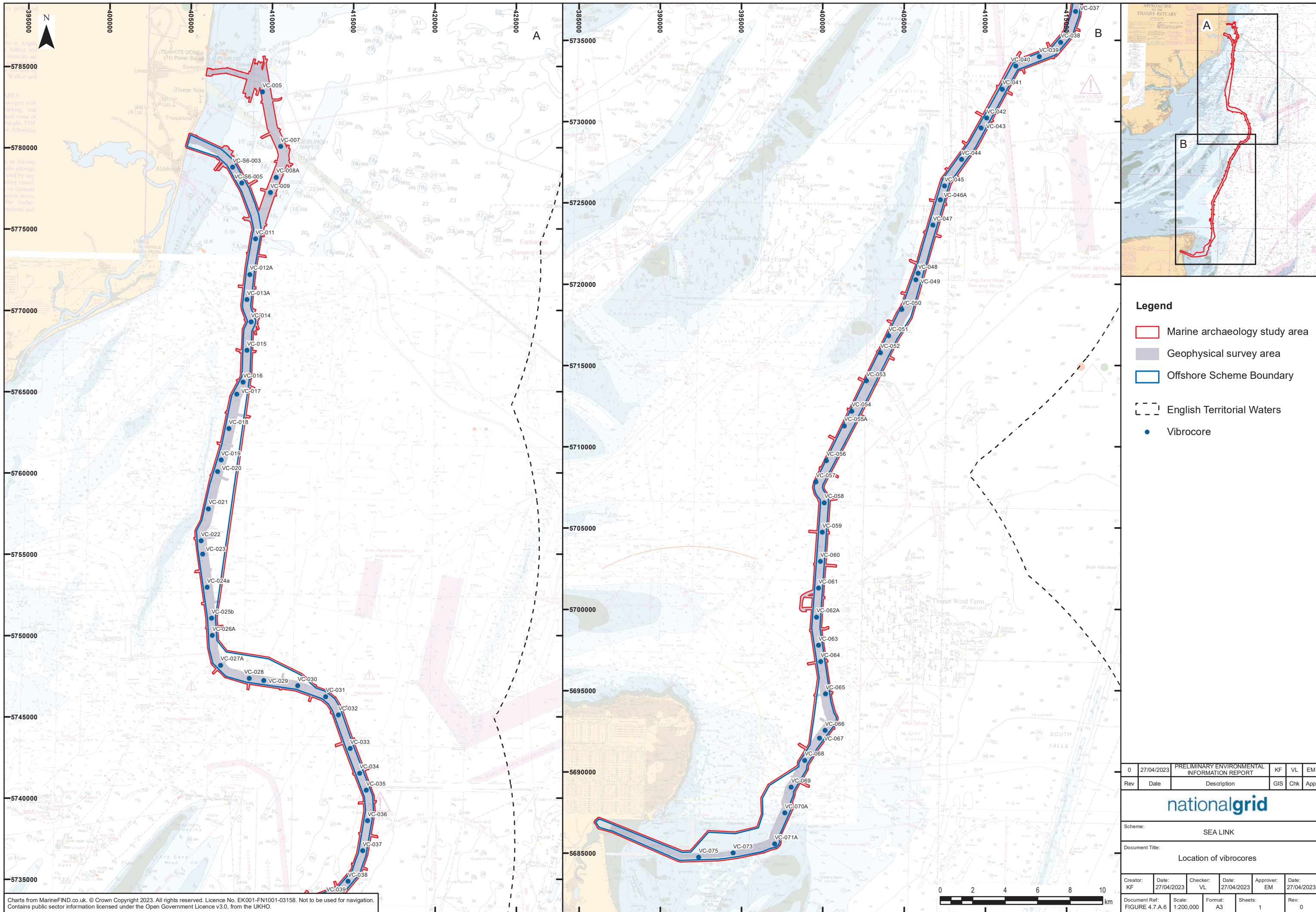
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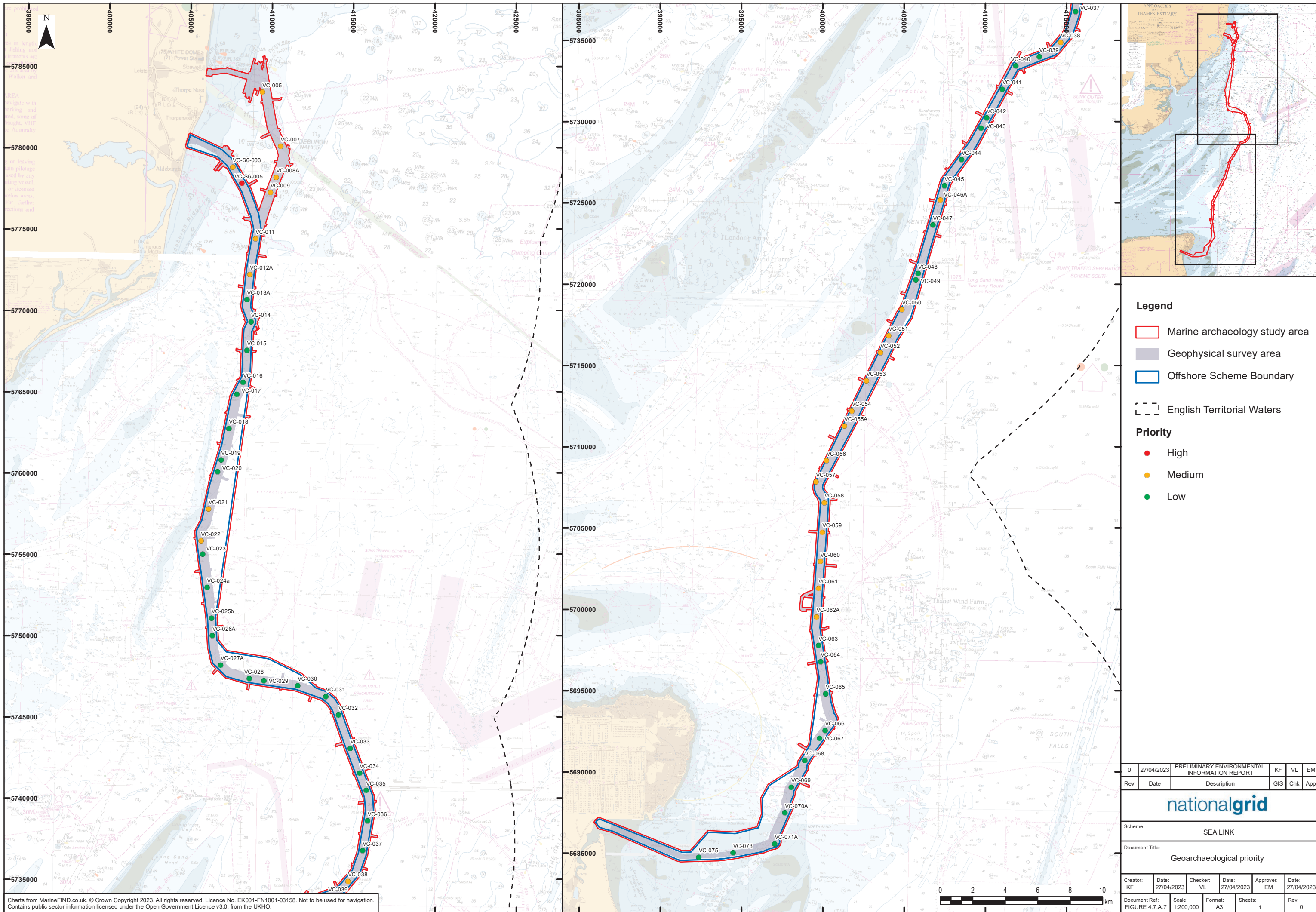
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Document Ref: FIGURE 4.7.A.5	Scale: 1:50,000	Format: A3	Sheets: 1	Rev: 0
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Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary
- English Territorial Waters

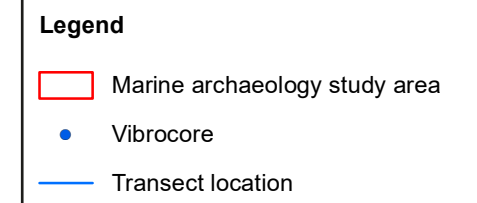
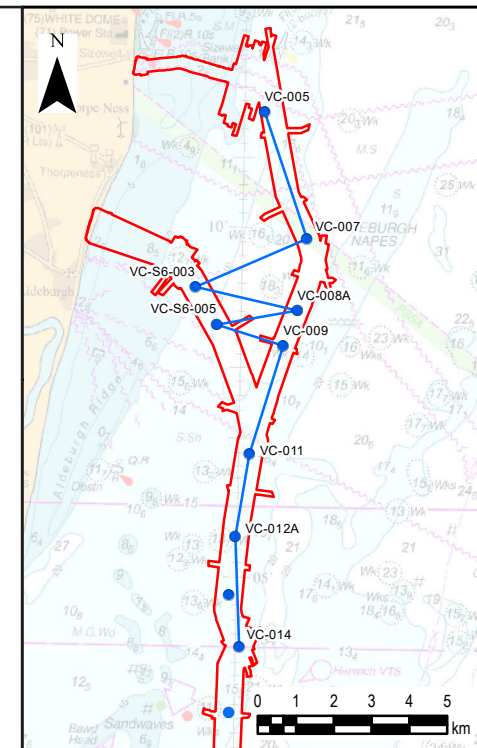
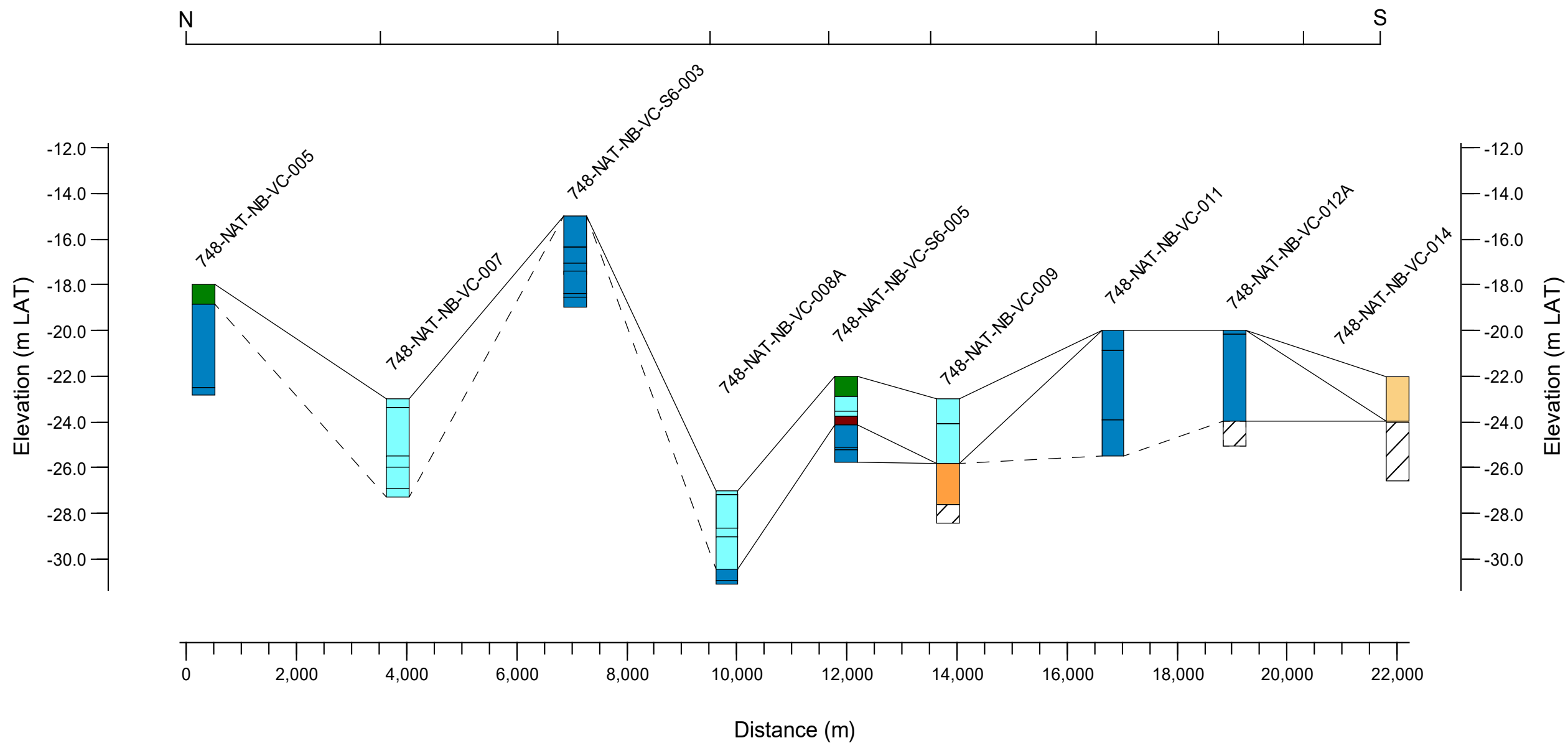
Priority

- High
- Medium
- Low

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Rev	Date	Description	GIS	Chk	App

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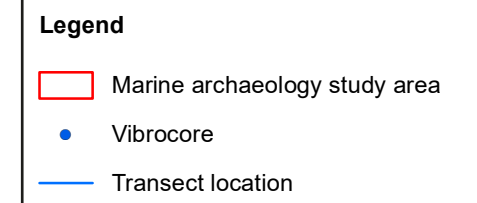
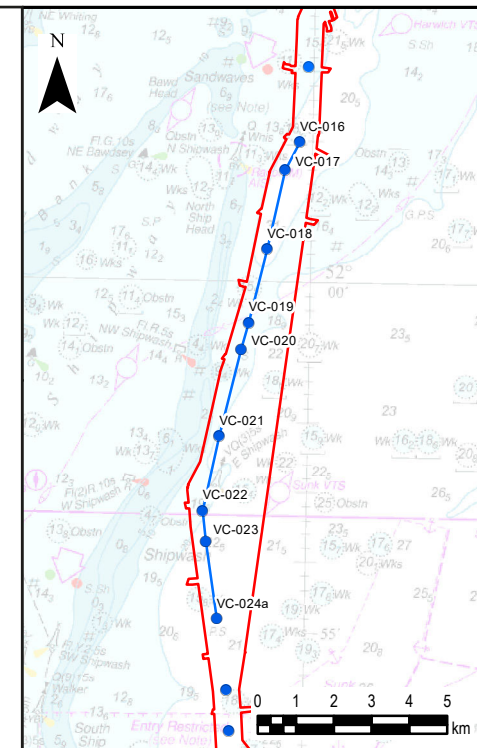
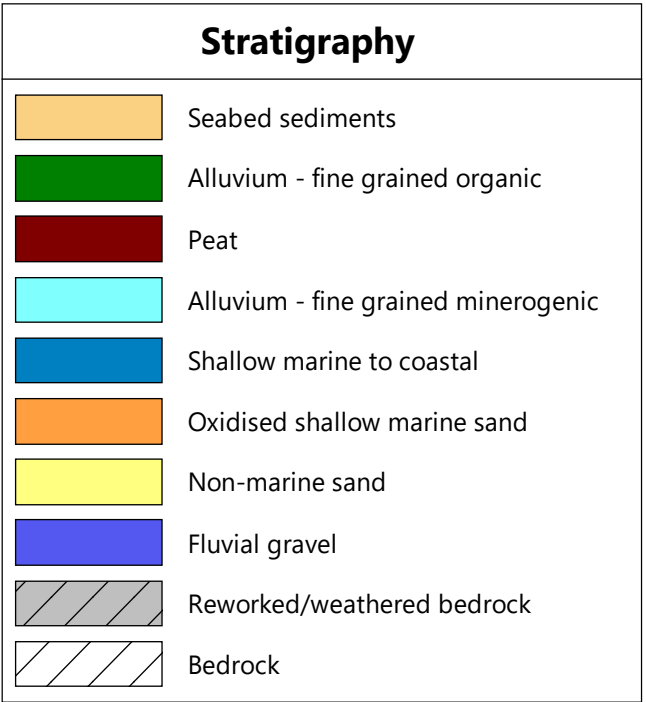
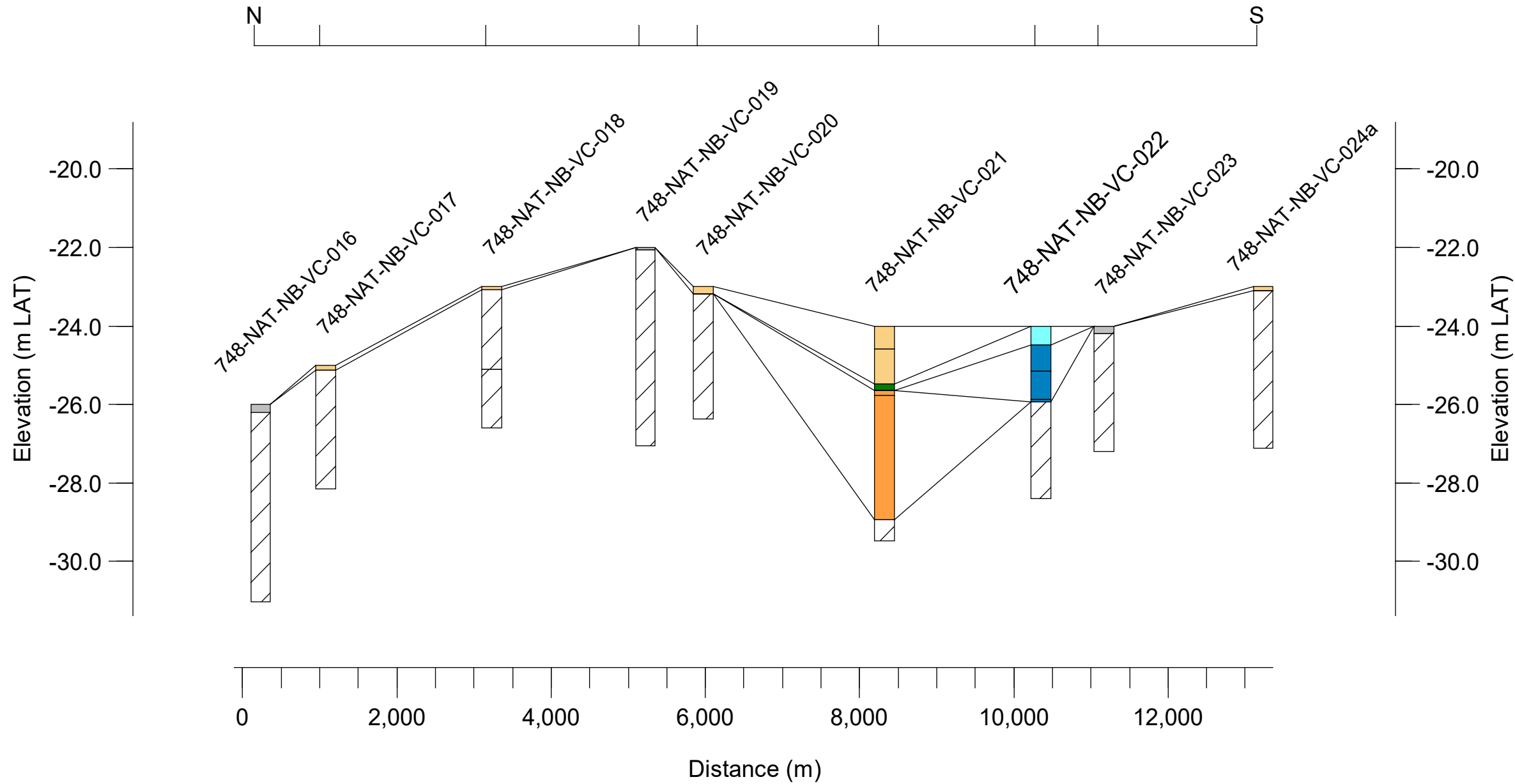
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Stratigraphy

	Seabed sediments
	Alluvium - fine grained organic
	Peat
	Alluvium - fine grained minerogenic
	Shallow marine to coastal
	Oxidised shallow marine sand
	Non-marine sand
	Fluvial gravel
	Reworked/weathered bedrock
	Bedrock

0	29/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App
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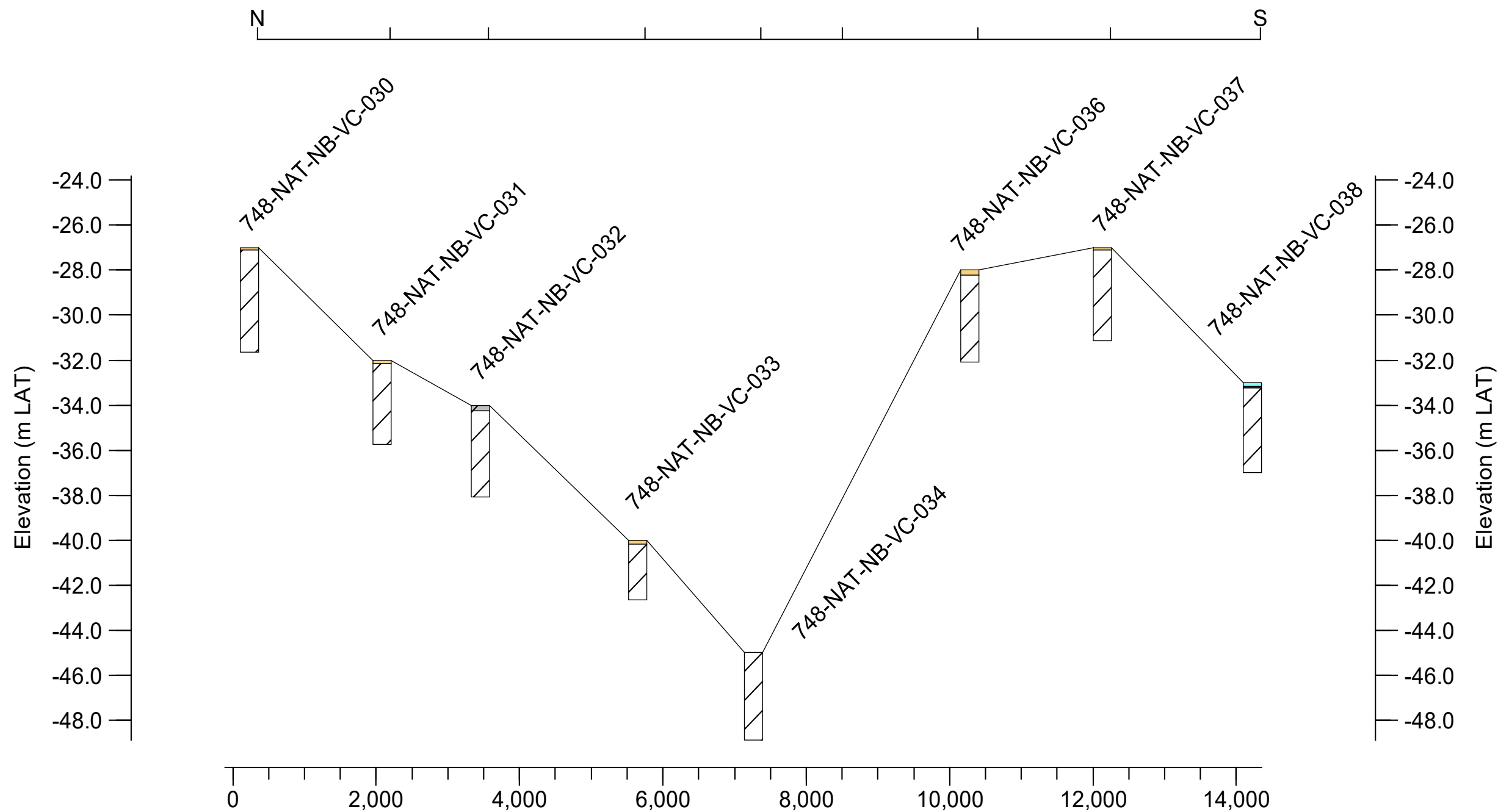
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nationalgrid

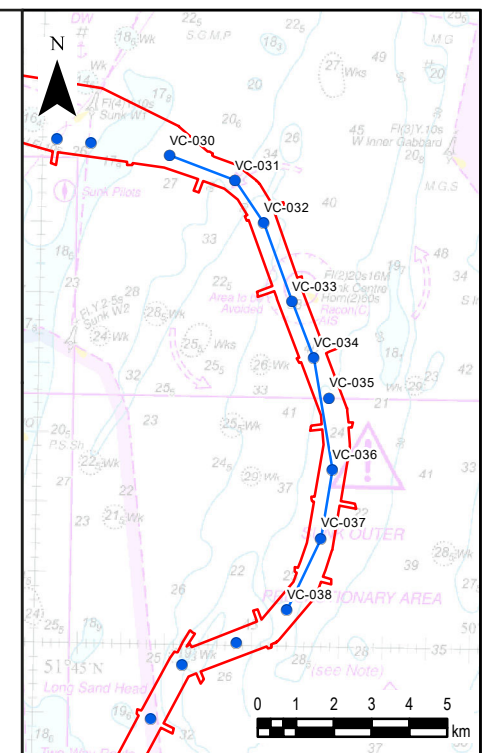
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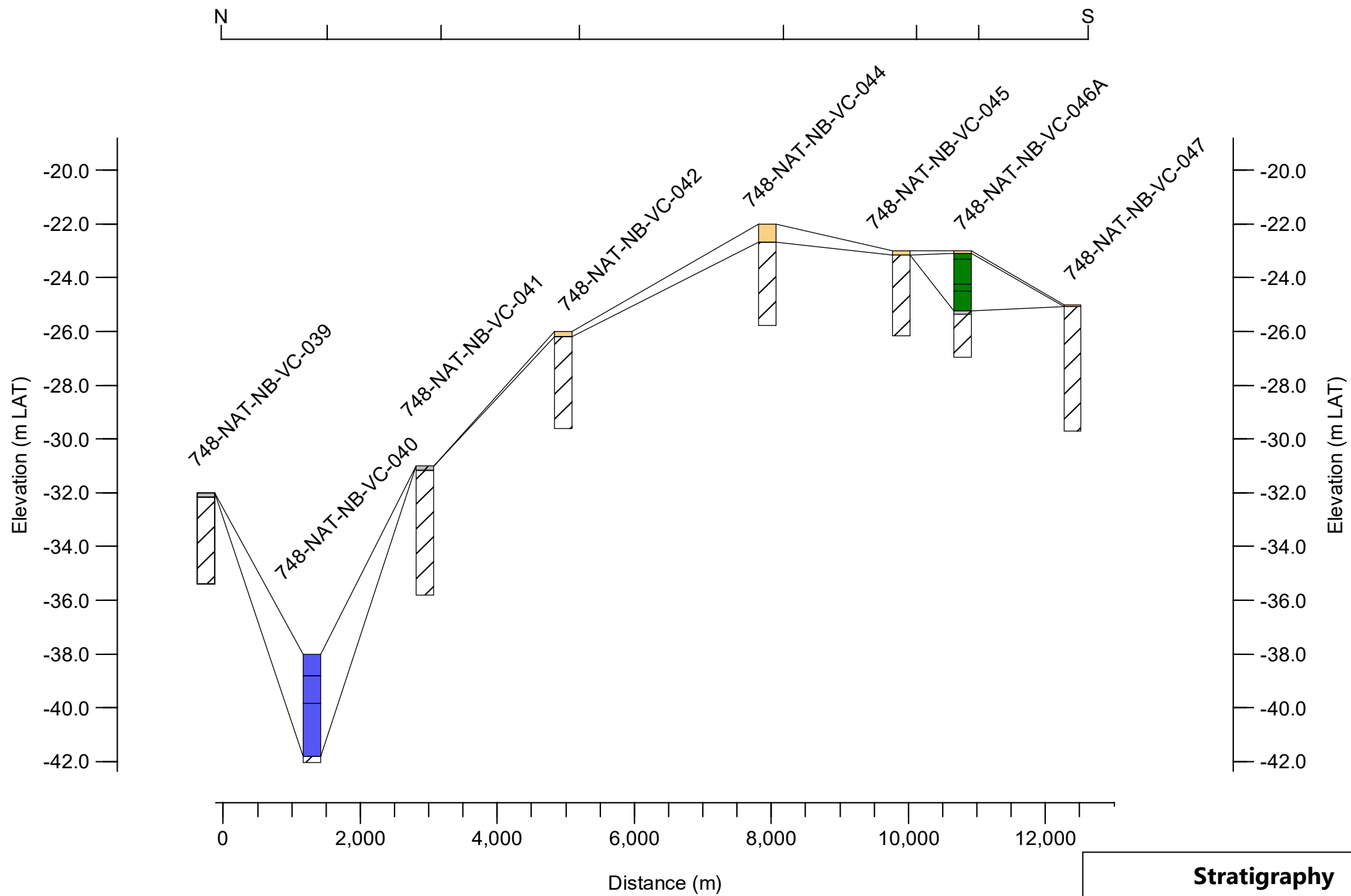
Stratigraphy	
	Seabed sediments
	Alluvium - fine grained organic
	Peat
	Alluvium - fine grained minerogenic
	Shallow marine to coastal
	Oxidised shallow marine sand
	Non-marine sand
	Fluvial gravel
	Reworked/weathered bedrock
	Bedrock



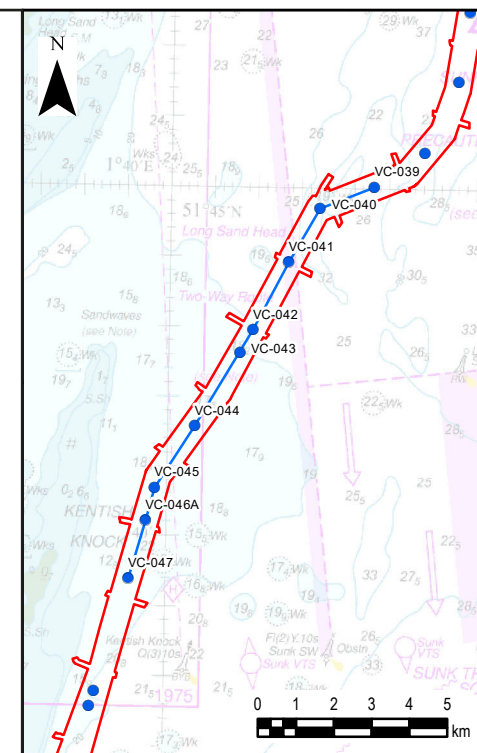
- Legend**
- Marine archaeology study area
 - Vibrocore
 - Transect location

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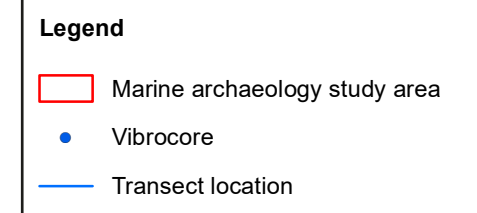
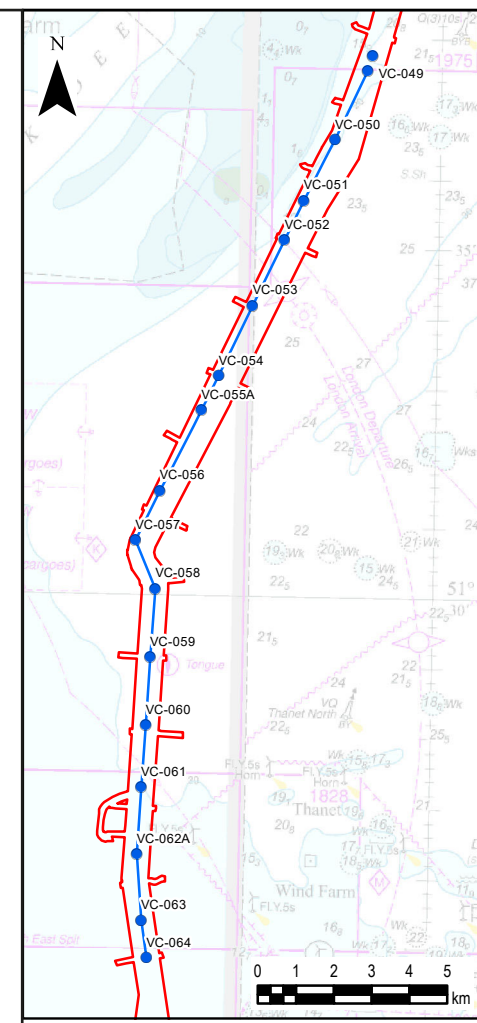
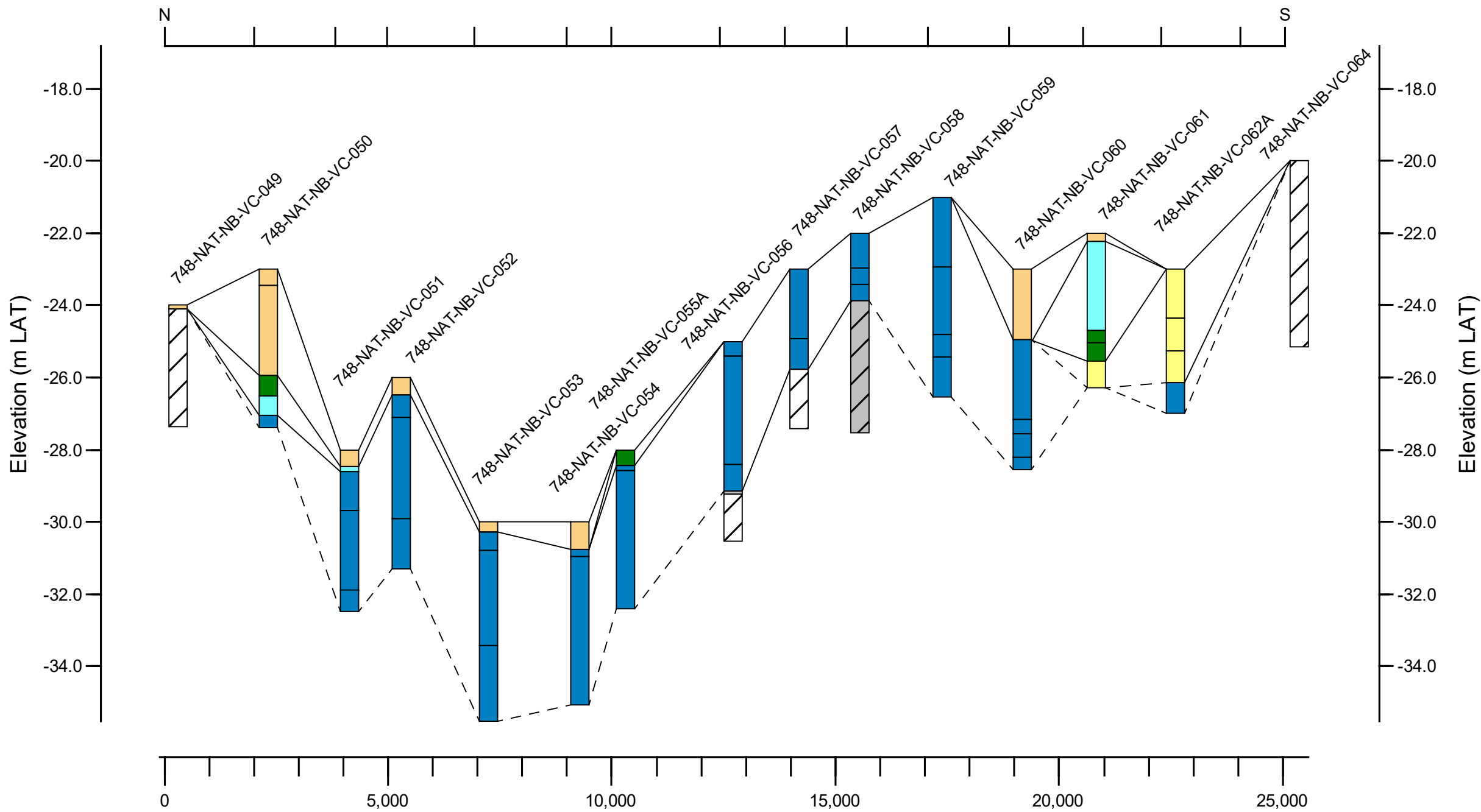
Stratigraphy	
	Seabed sediments
	Alluvium - fine grained organic
	Peat
	Alluvium - fine grained minerogenic
	Shallow marine to coastal
	Oxidised shallow marine sand
	Non-marine sand
	Fluvial gravel
	Reworked/weathered bedrock
	Bedrock



- Legend**
- Marine archaeology study area
 - Vibrocore
 - Transect location

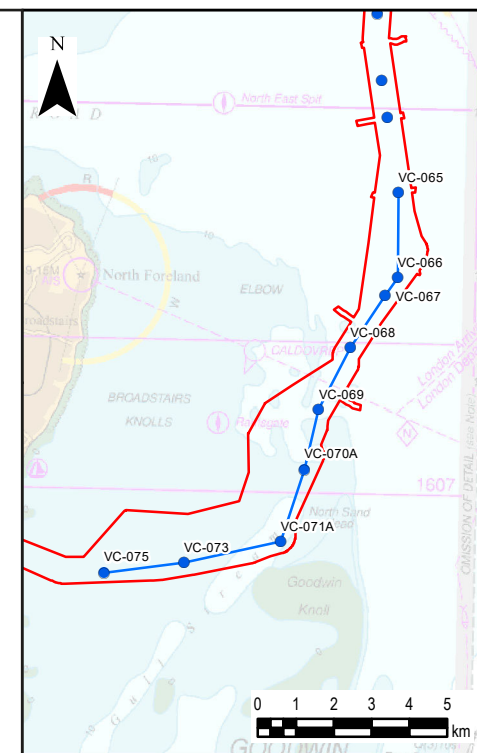
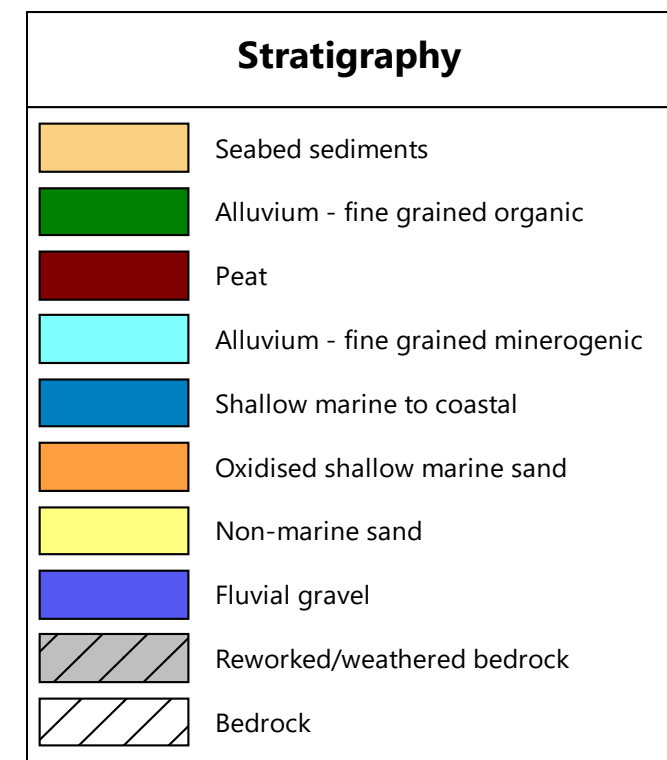
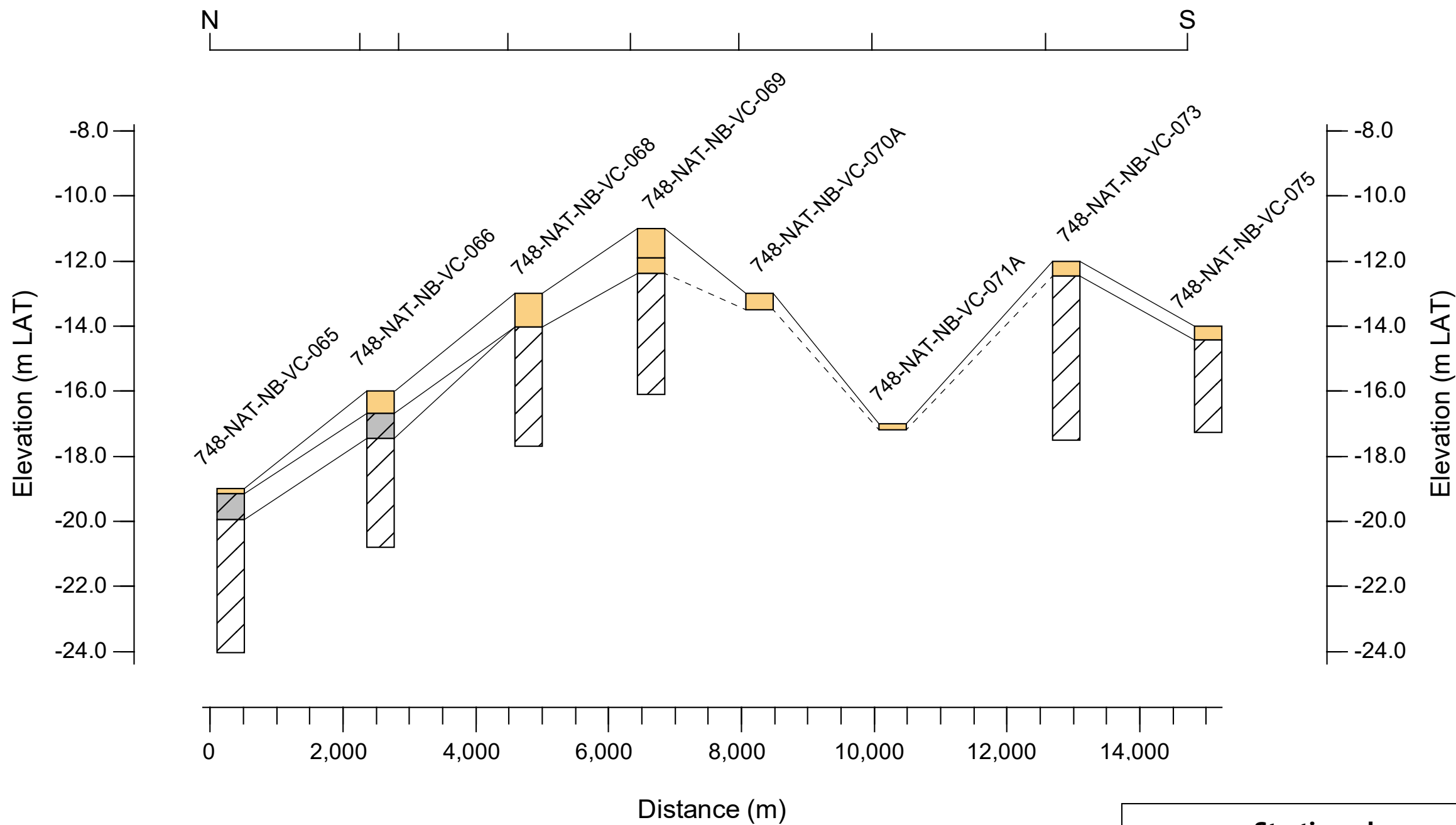
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Rev	Date	Description	GIS	Chk	App




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Document Ref: FIGURE 4.7.A.11	Scale: Inset 1:200,000	Format: A3	Sheets: 1	Rev: 0	




Stratigraphy	
	Seabed sediments
	Alluvium - fine grained organic
	Peat
	Alluvium - fine grained minerogenic
	Shallow marine to coastal
	Oxidised shallow marine sand
	Non-marine sand
	Fluvial gravel
	Reworked/weathered bedrock
	Bedrock

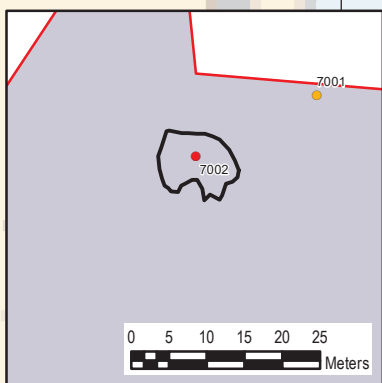
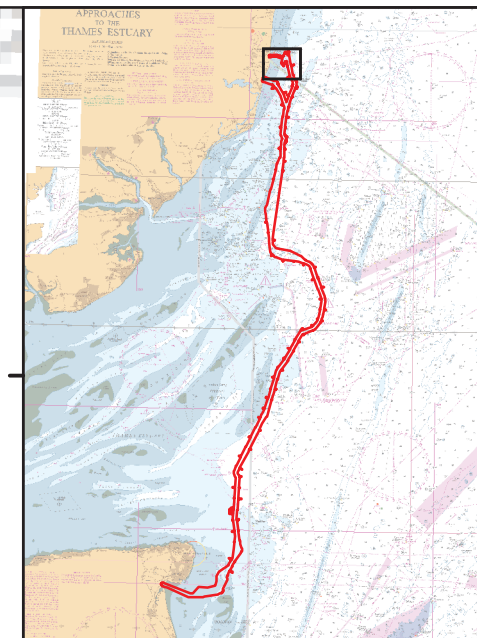
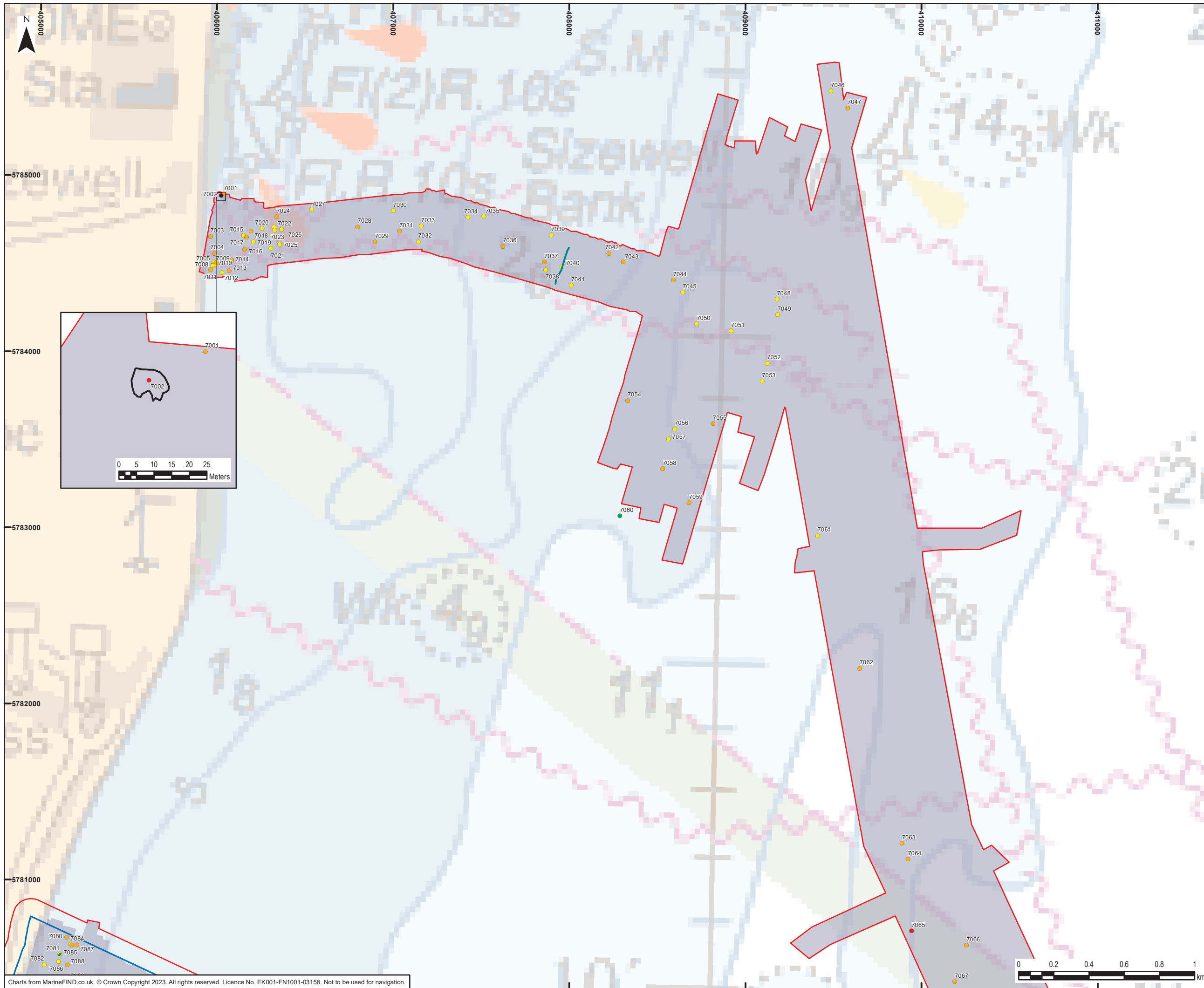
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Rev	Date	Description	GIS	Chk	App
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Document Ref: FIGURE 4.7.A.12	Scale: Inset 1:200,000	Format: A3	Sheets: 1	Rev: 0	



- Legend**
-  Marine archaeology study area
 -  Vibrocore
 -  Transect location

0	29/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App

					
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Document Ref: FIGURE 4.7.A.13	Scale: Inset 1:200,000	Format: A3	Sheets: 1	Rev: 0	



Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Seabed features of archaeological potential

- A1 – Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Linear seabed features
- Seabed feature extents

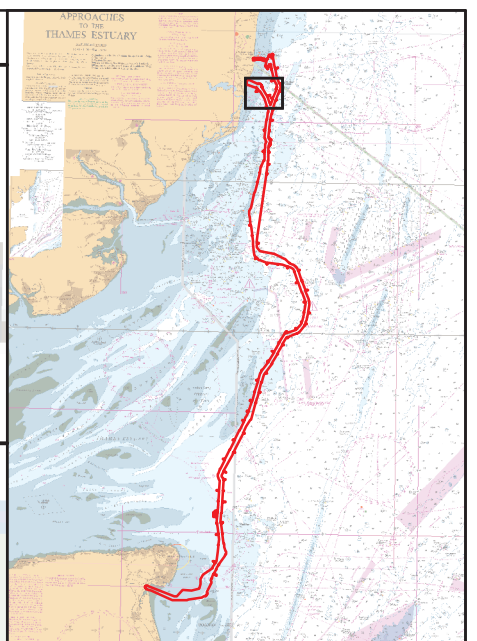
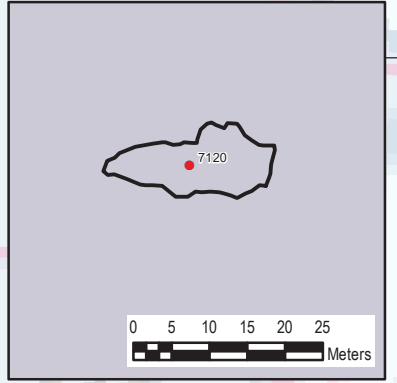
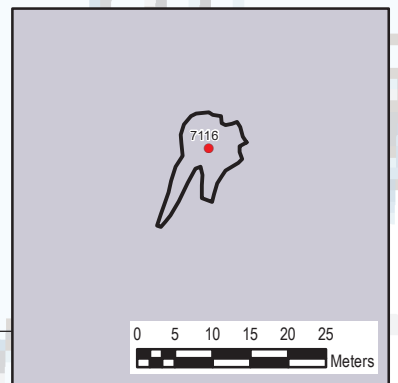
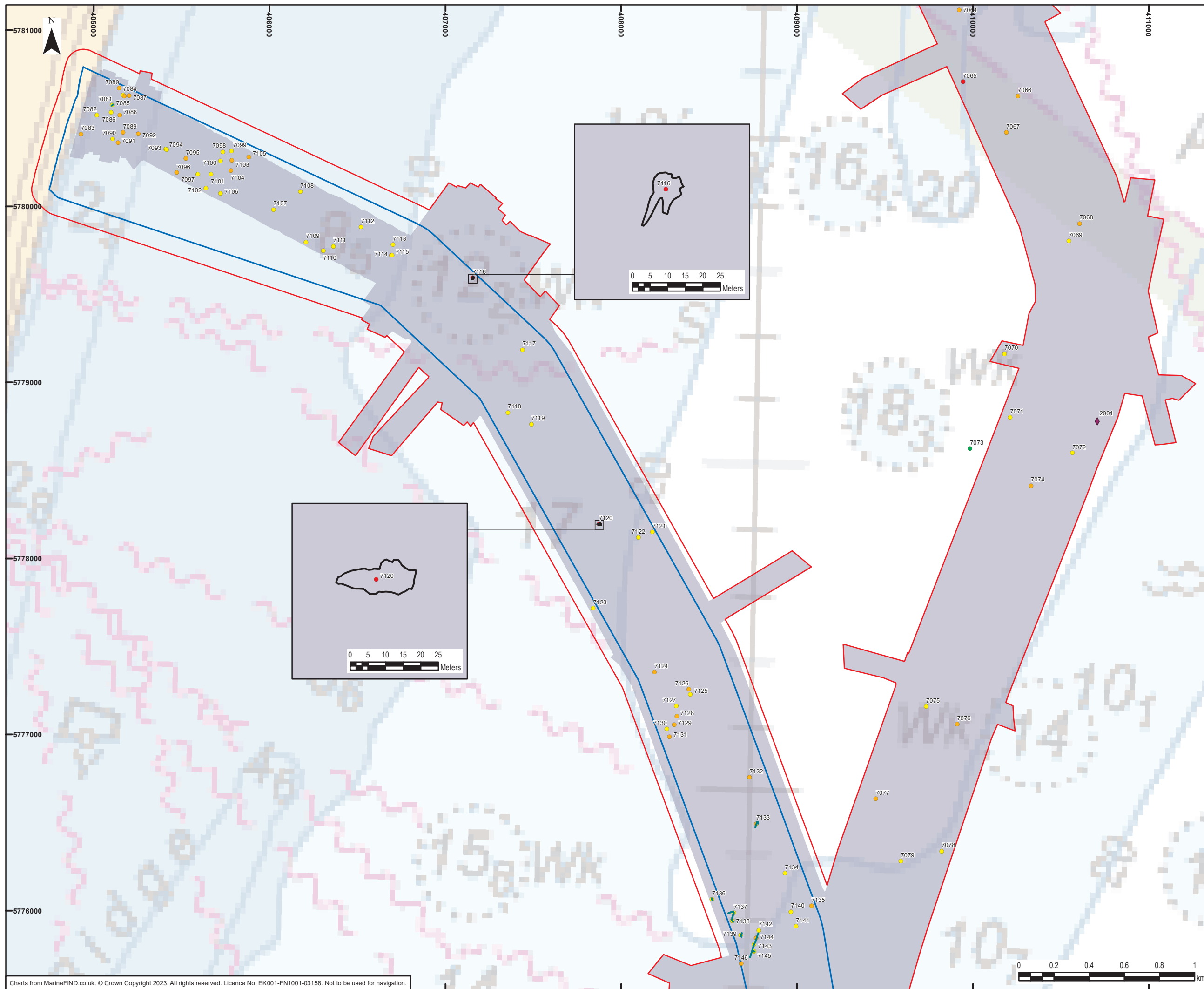
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Rev	Date	Description	GIS	Chk	App

nationalgrid

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Document Title: Seabed features of archaeological potential

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Document Ref: FIGURE 4.7.A.14A	Scale: 1:20,000	Format: A3	Sheets: 21	Rev: 0	



Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Seabed features of archaeological potential

- A1 – Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly

- Linear seabed features
- Seabed feature extents

Additional seabed features

- ◆ Wreck

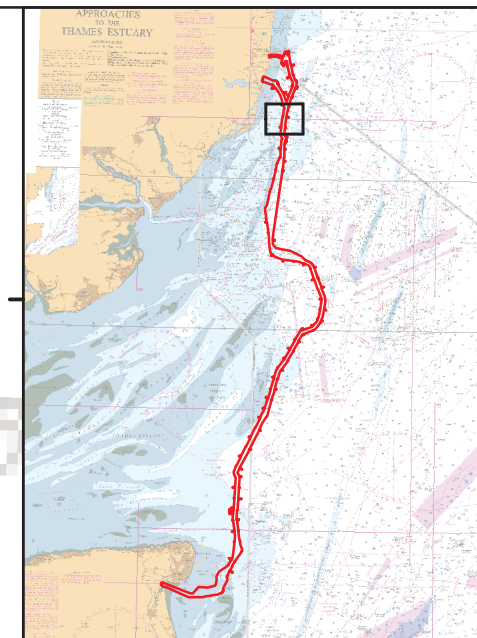
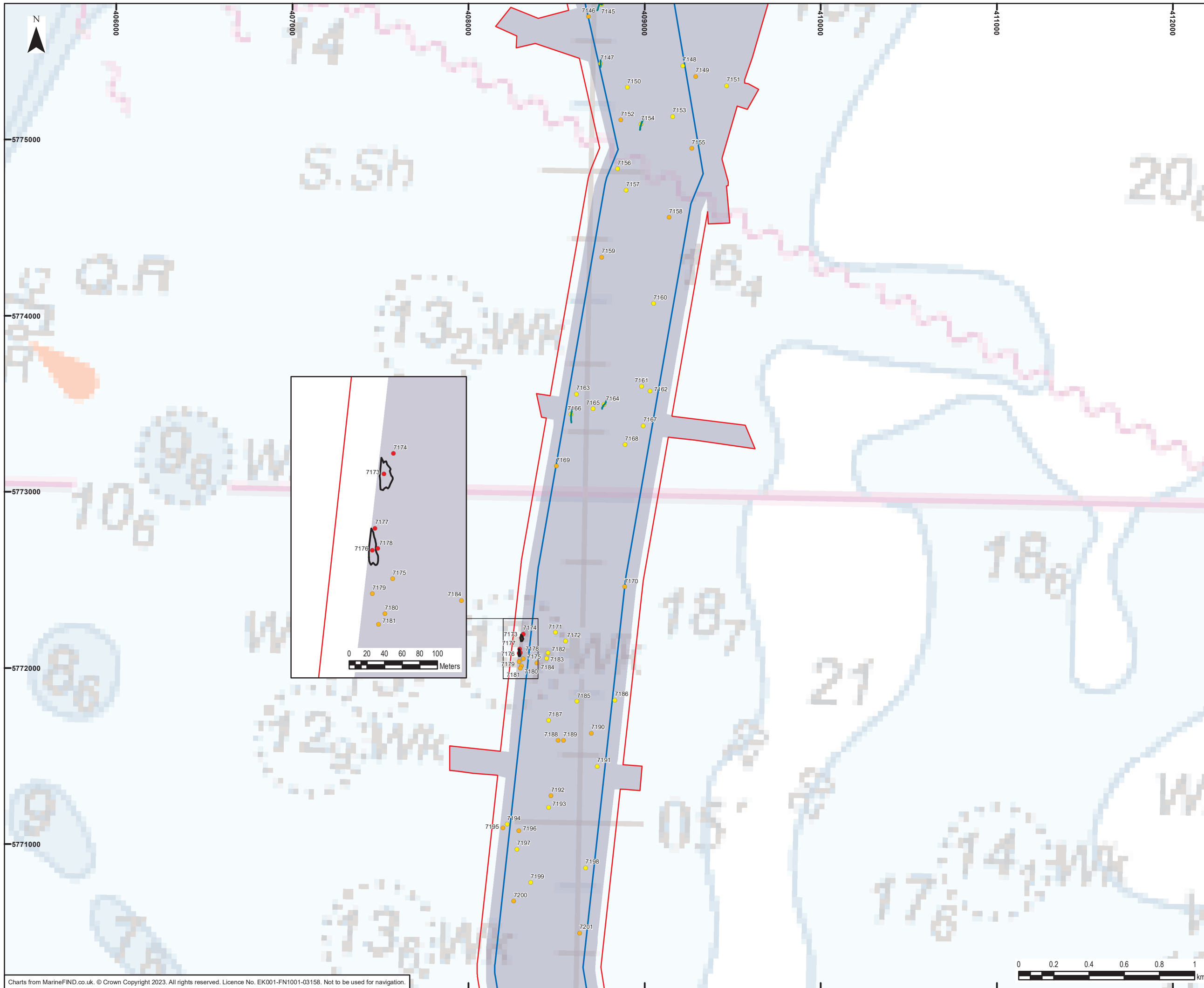
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Document Title: Seabed features of archaeological potential

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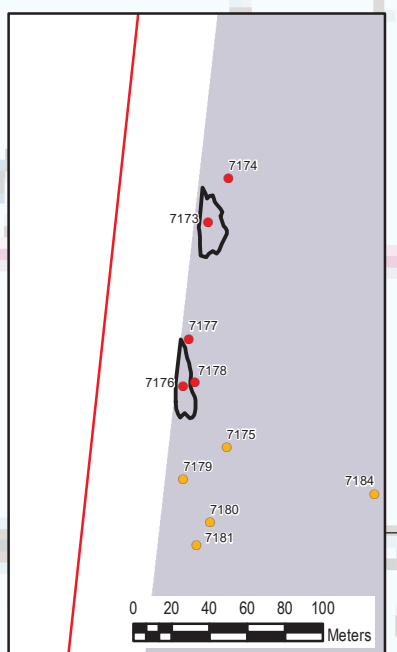


Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Seabed features of archaeological potential

- A1 – Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_I – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
- Linear seabed features
- Seabed feature extents



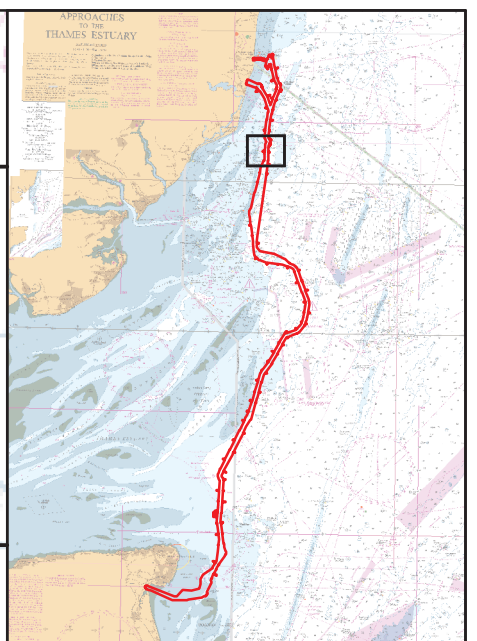
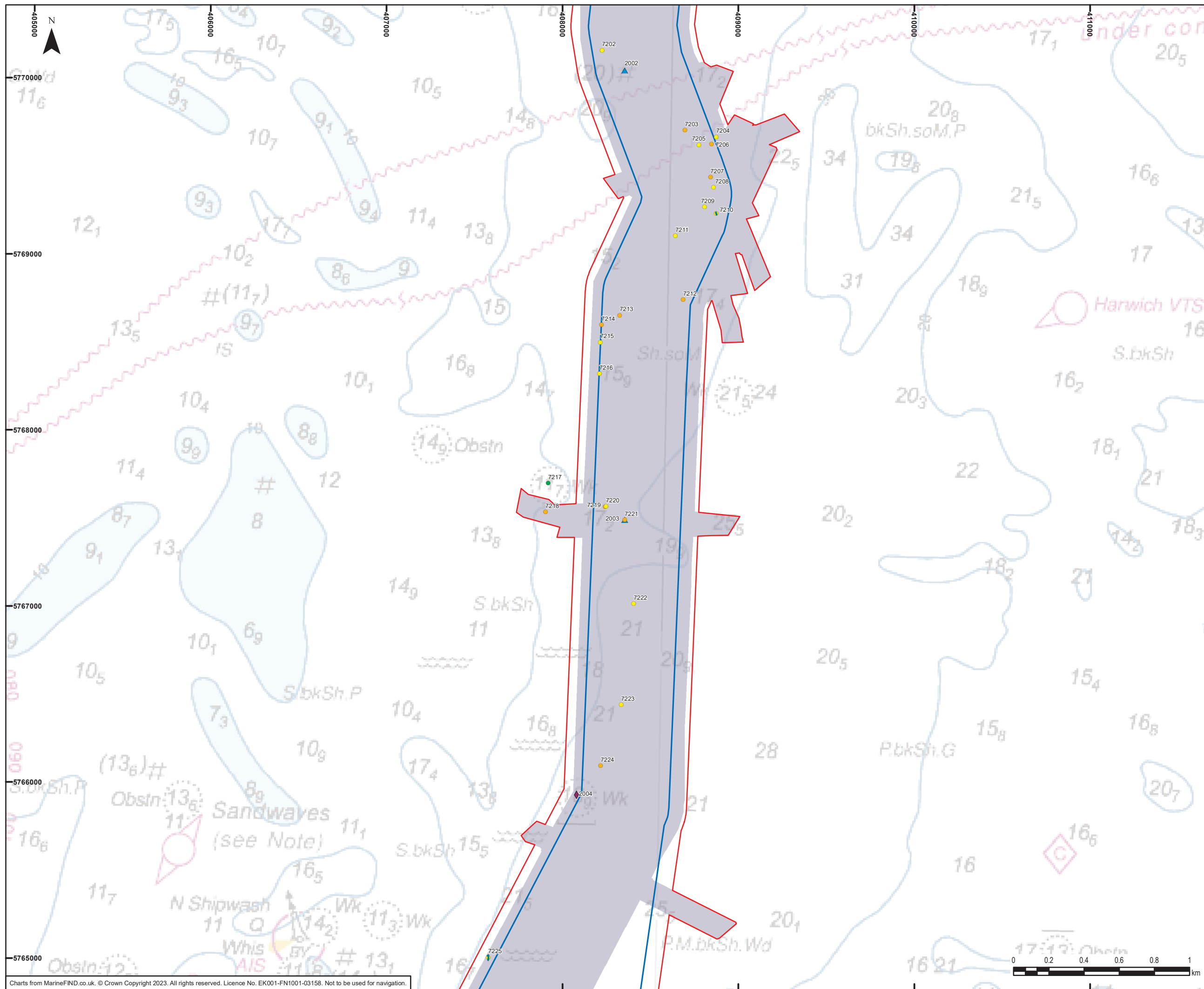
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Document Ref: FIGURE 4.7.A.14C	Scale: 1:20,000	Format: A3	Sheets: 21	Rev: 0	



Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Seabed features of archaeological potential

- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Linear seabed features

Additional seabed features

- ◆ Wreck
- ▲ Obstruction

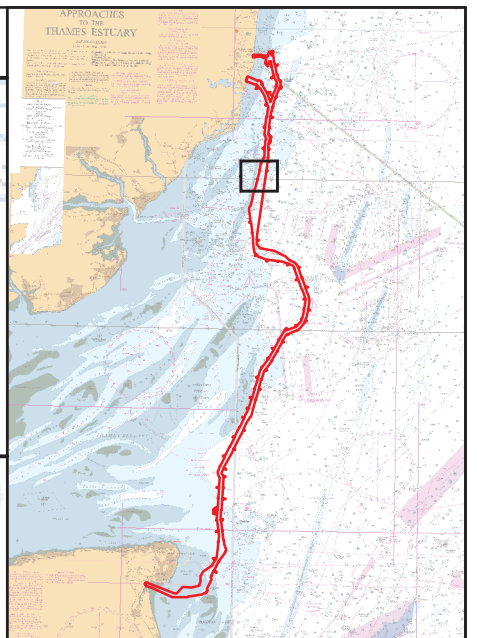
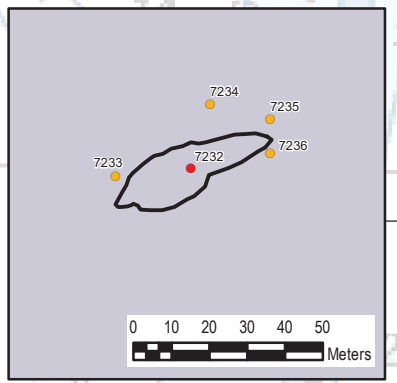
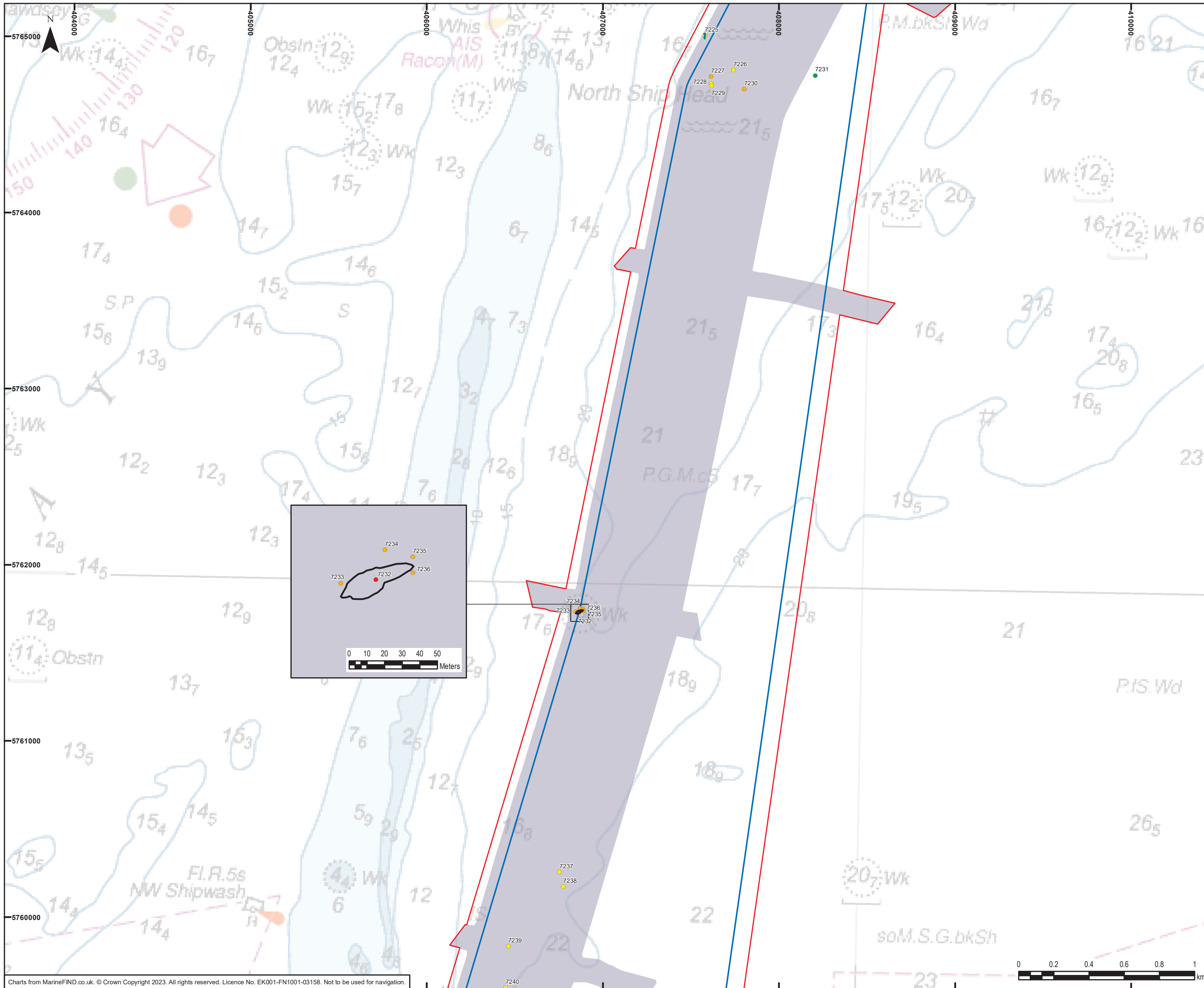
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Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Seabed features of archaeological potential

- A1 – Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_I – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly

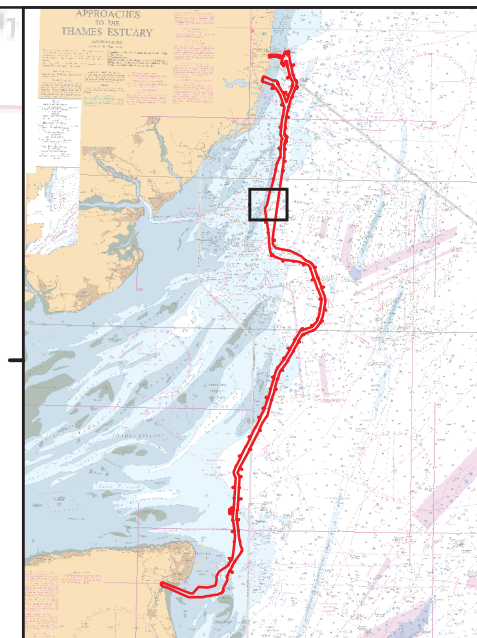
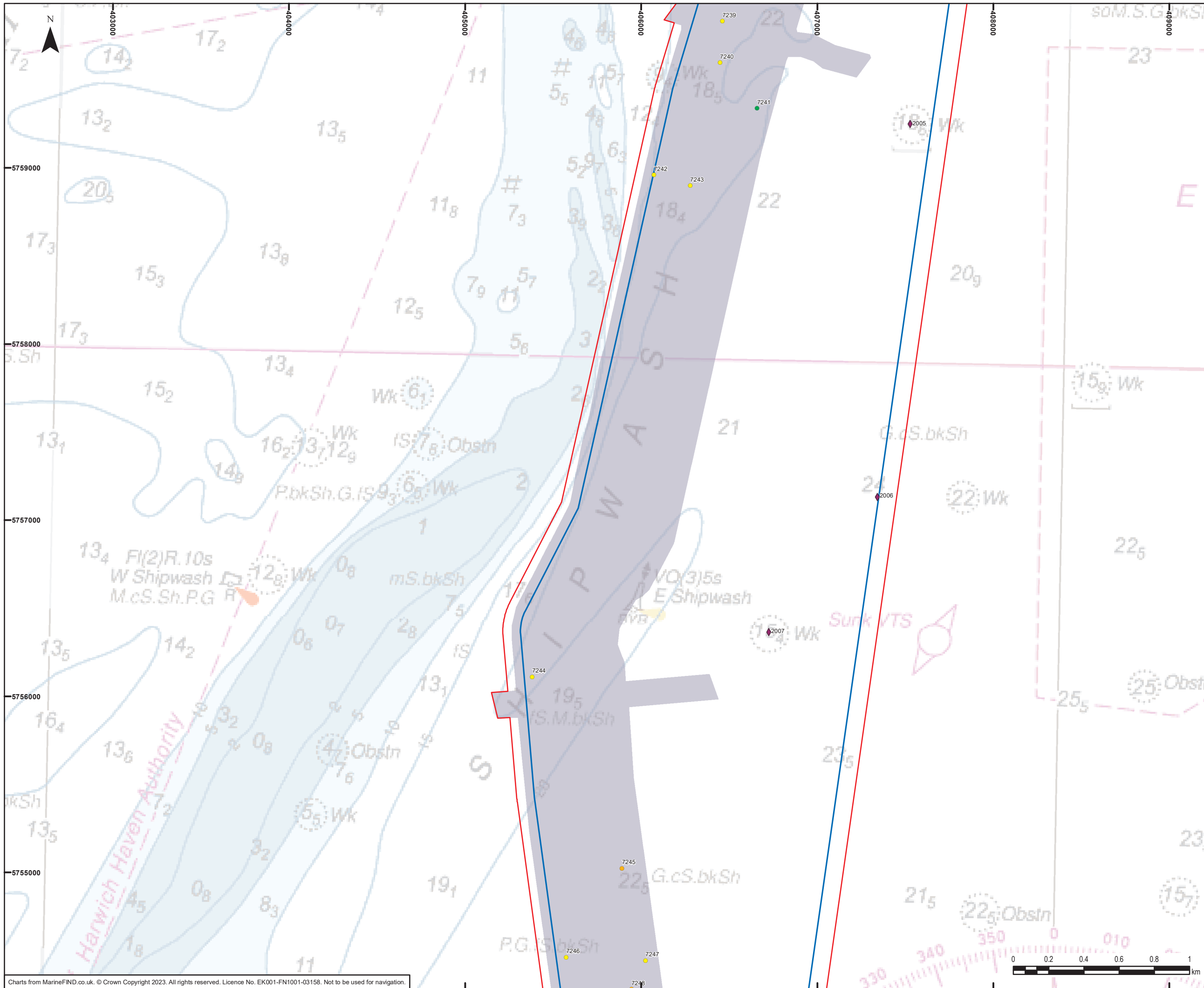
- Linear seabed features
- Seabed feature extents

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Rev	Date	Description	GIS	Chk	App

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Document Ref: FIGURE 4.7.A.14E	Scale: 1:20,000	Format: A3	Sheets: 21	Rev: 0	



Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Seabed features of archaeological potential

- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly

Additional seabed features

- ◆ Wreck

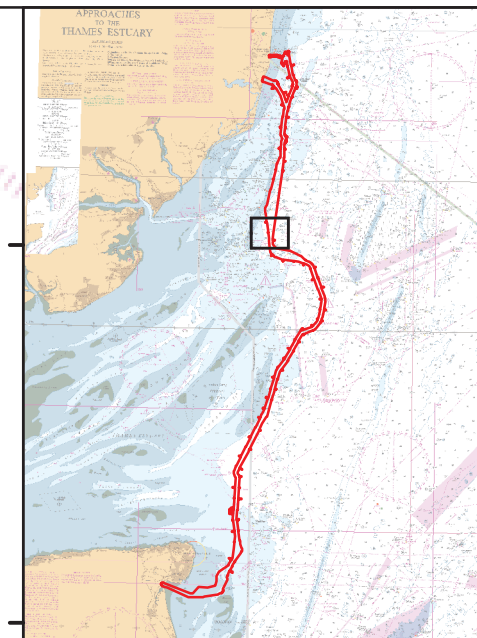
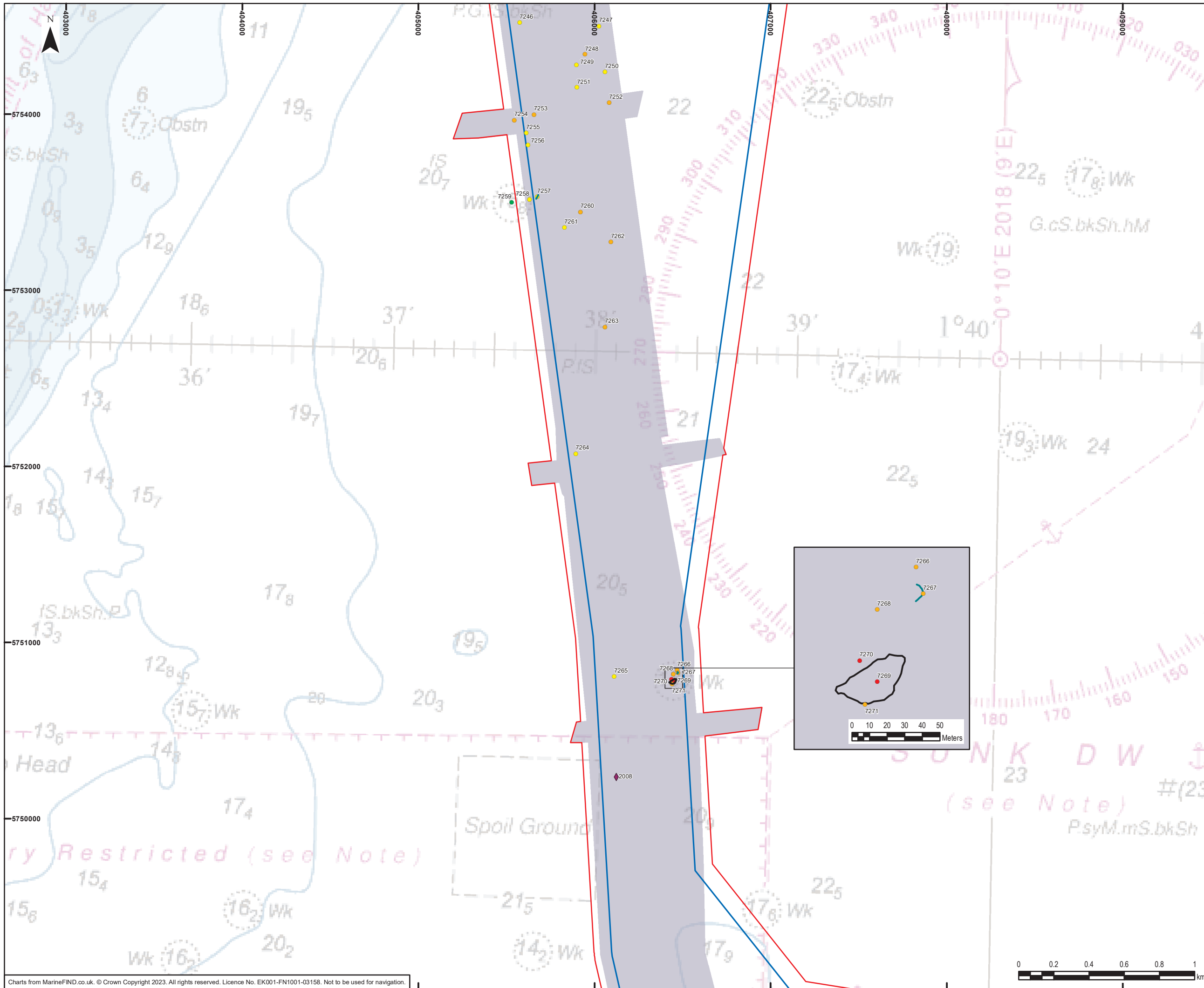
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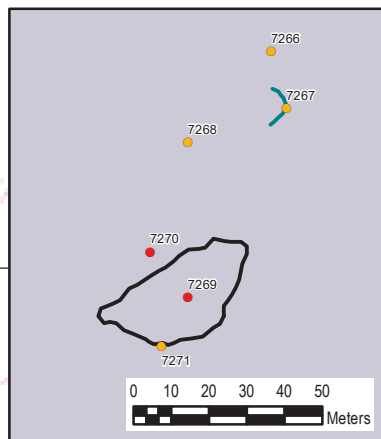
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- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
- Seabed features of archaeological potential**
- A1 – Anthropogenic origin of archaeological interest
 - A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
 - A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
 - A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Linear seabed features
 - Seabed feature extents
- Additional seabed features**
- ◆ Wreck



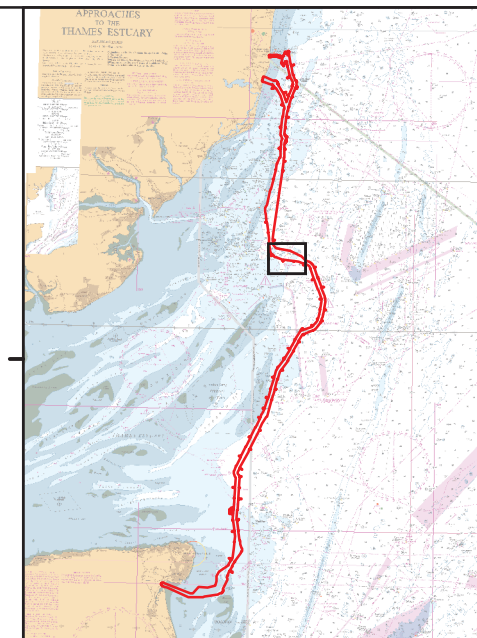
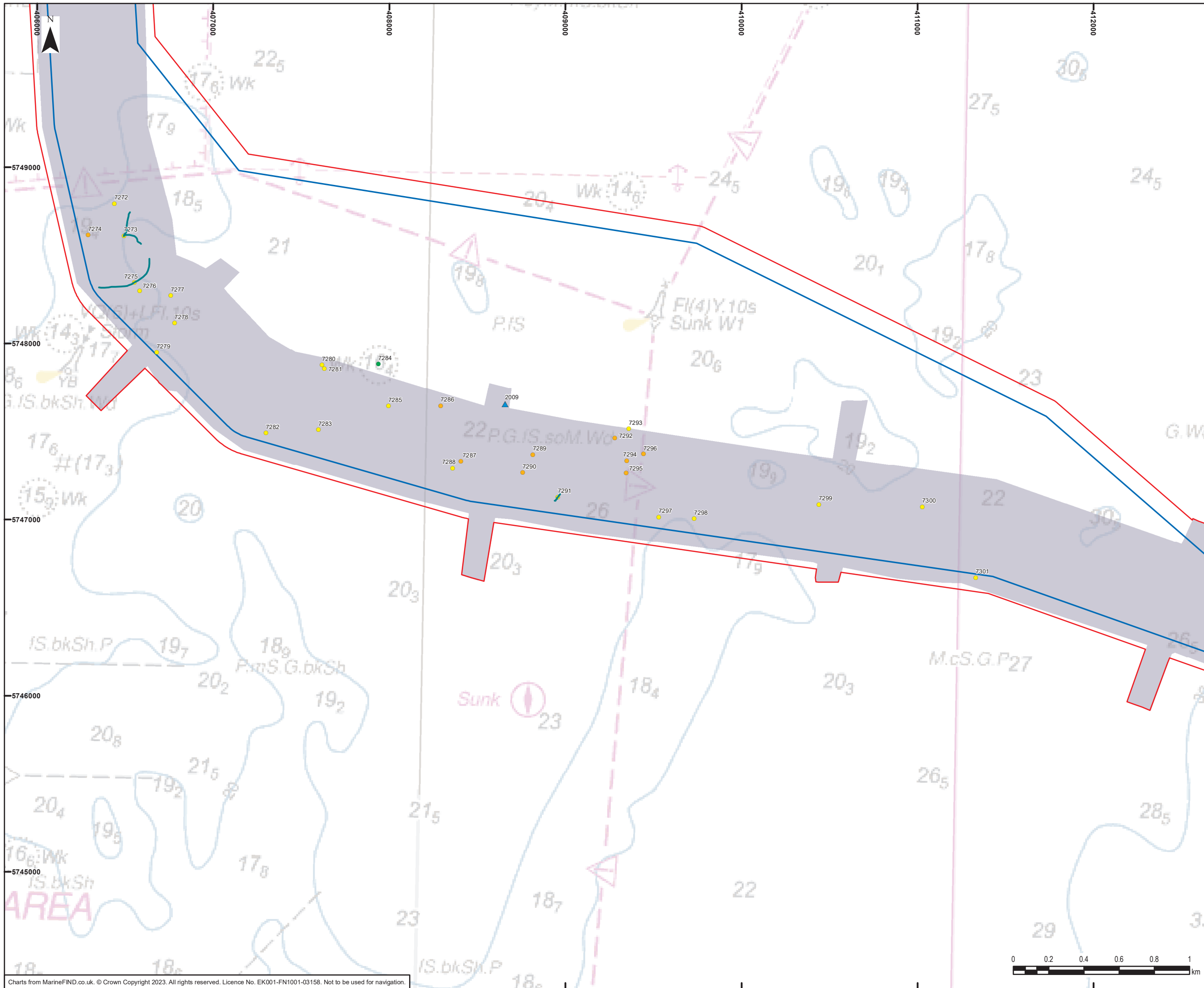
Additional seabed features

- ◆ Wreck

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Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Seabed features of archaeological potential

- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Linear seabed features
- ▲ Obstruction

Additional seabed features

- ▲ Obstruction

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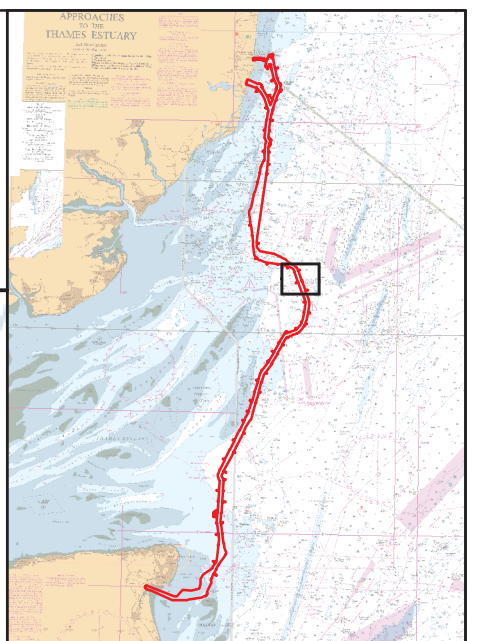
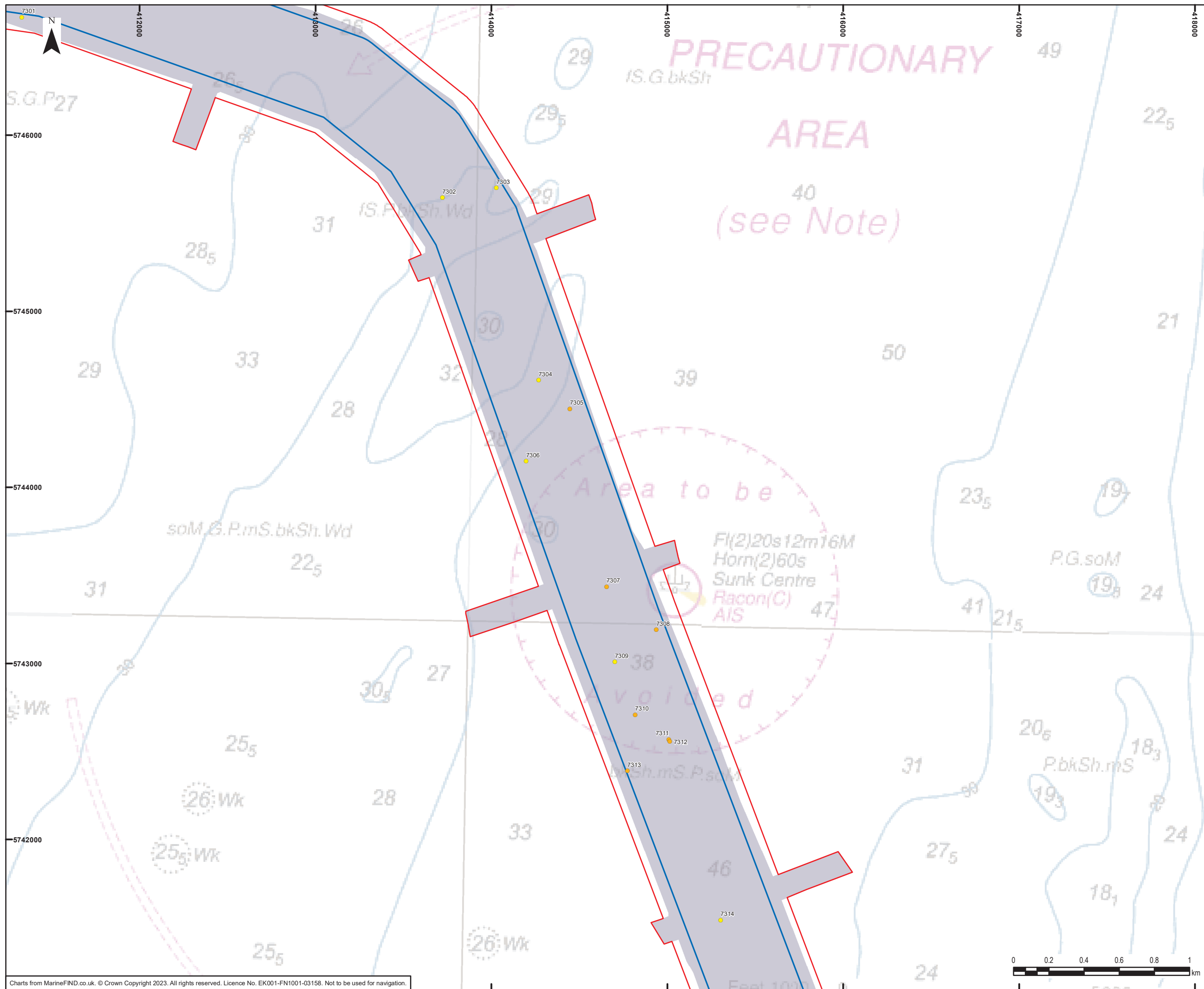
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Document Title: Seabed features of archaeological potential

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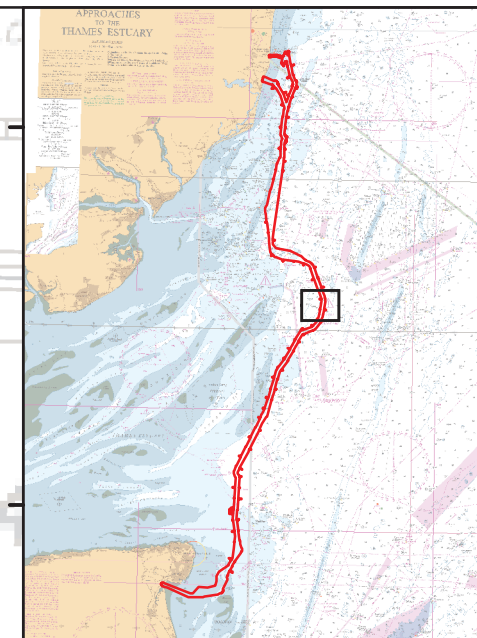
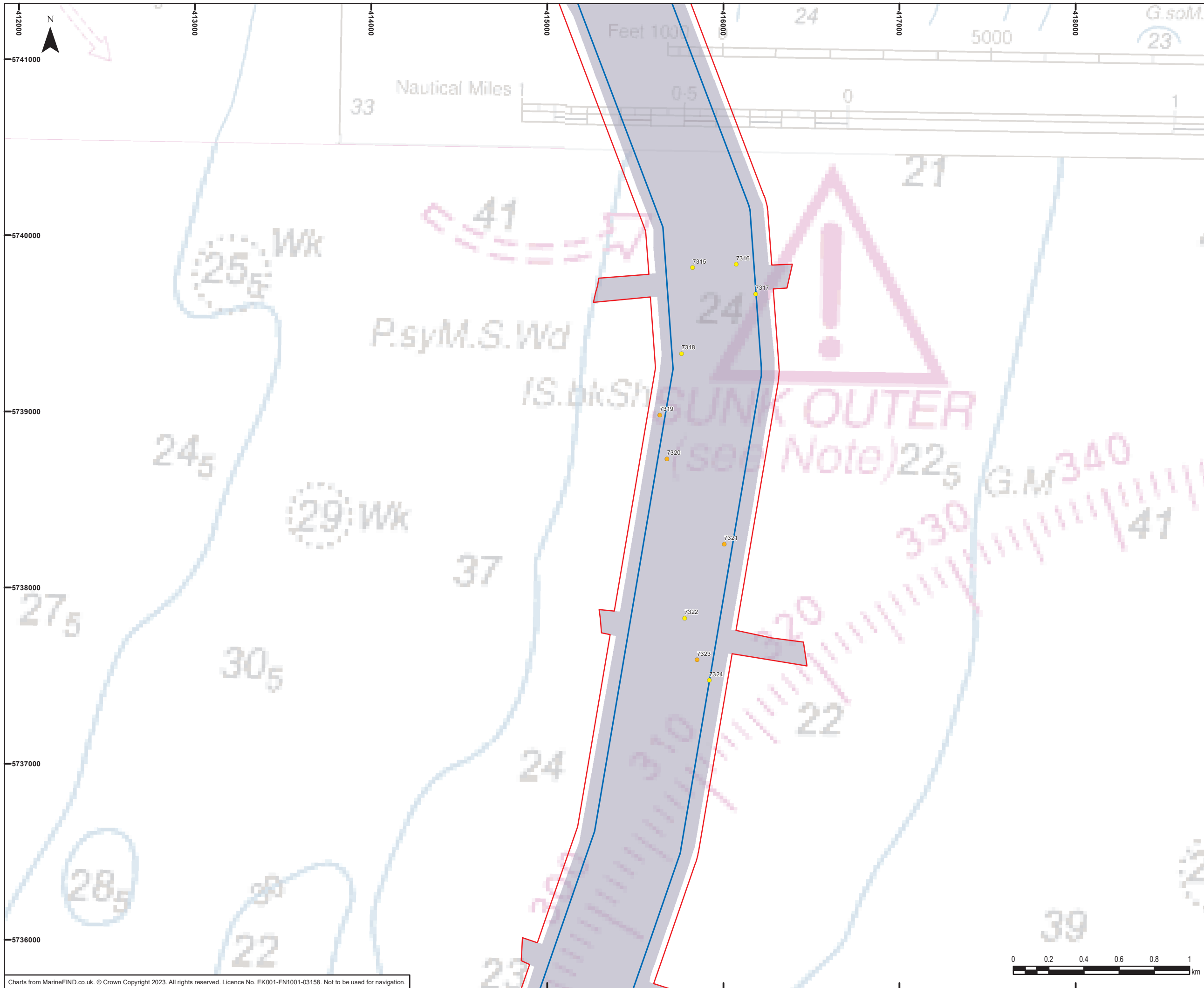
- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
- Seabed features of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
 - A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature

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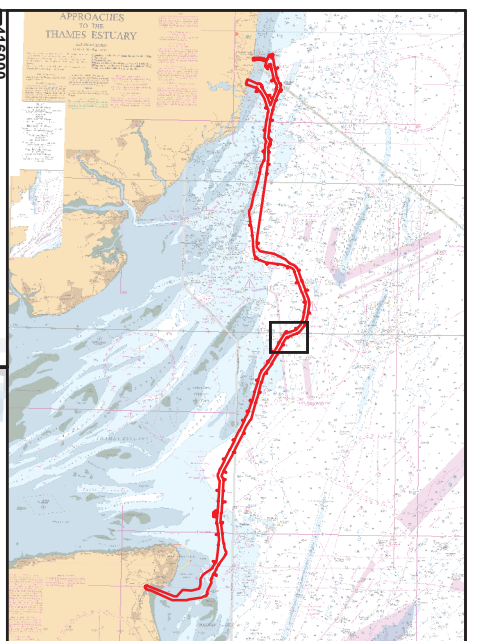
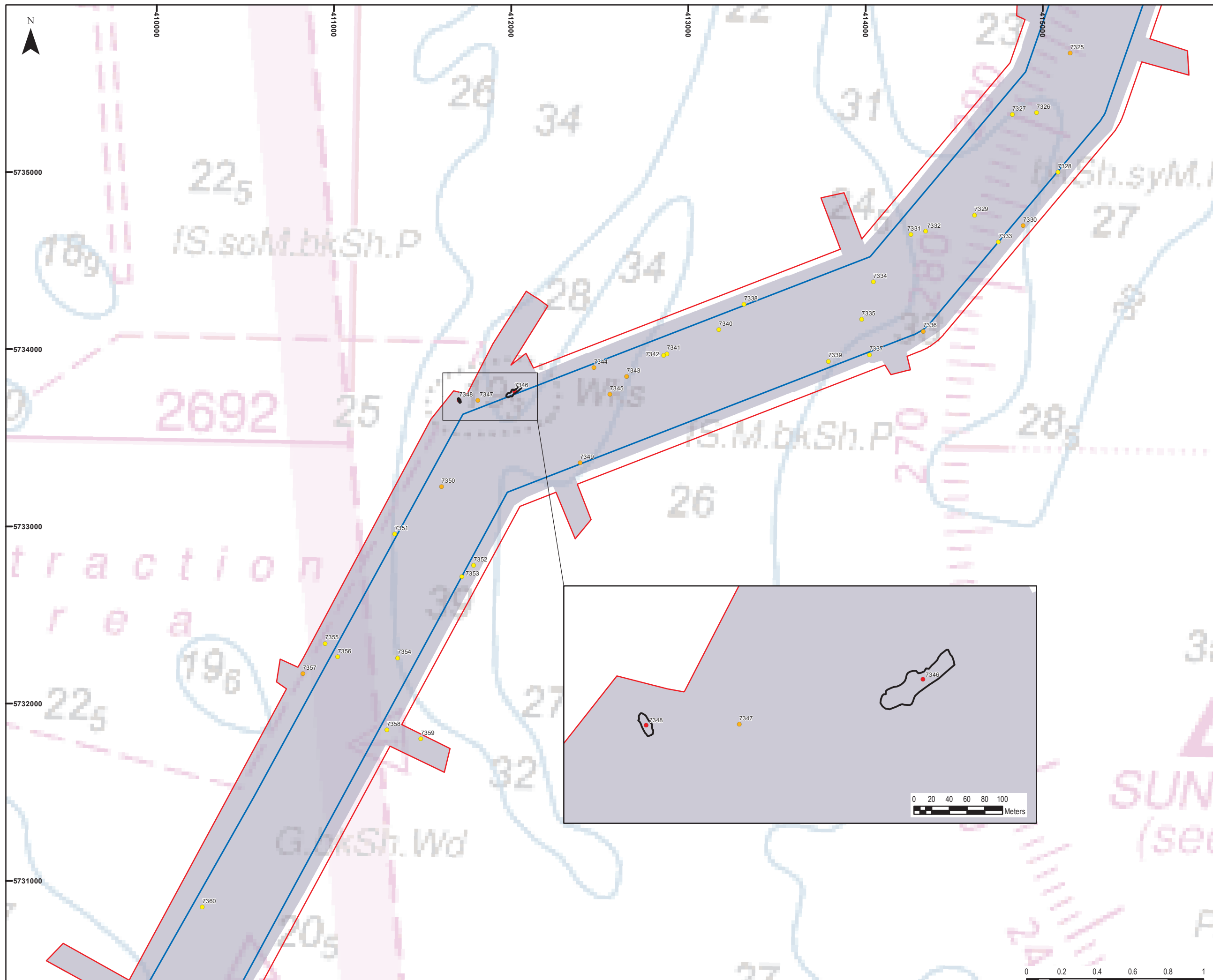




- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
- Seabed features of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
 - A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature

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Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

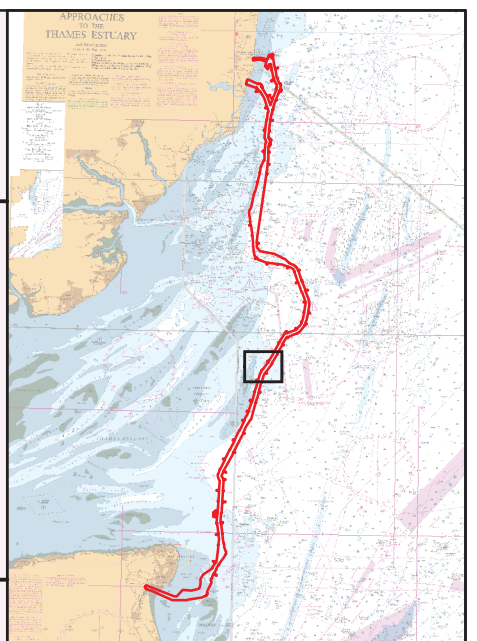
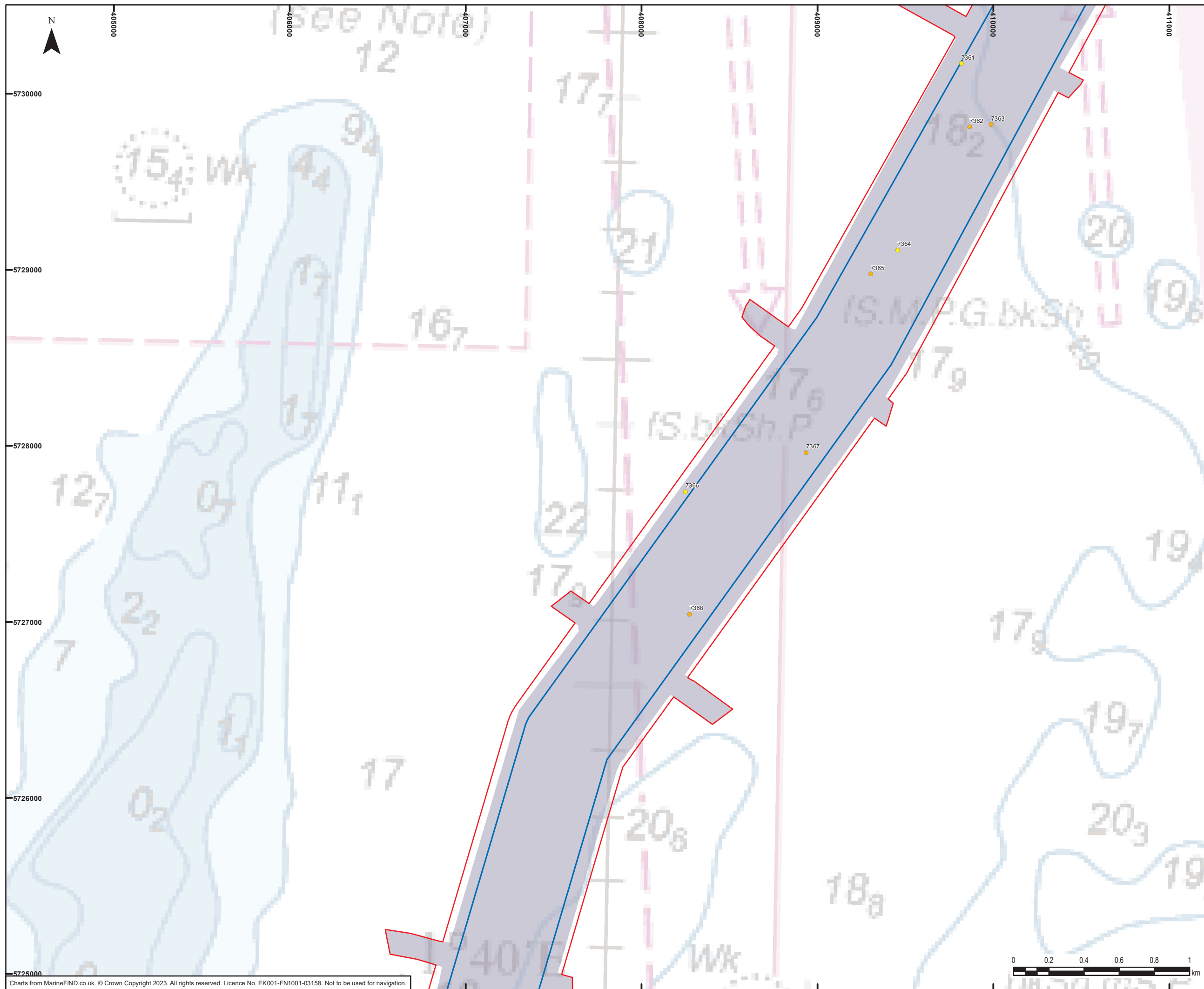
Seabed features of archaeological potential

- A1 – Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature

Seabed feature extents

0	18/04/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
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- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary

- Seabed features of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
 - A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature

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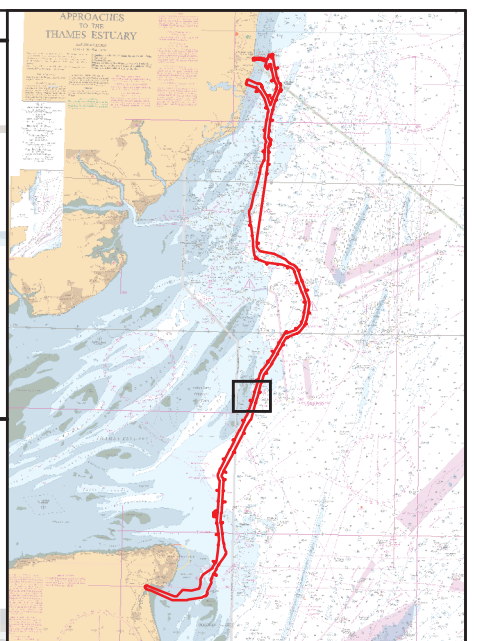
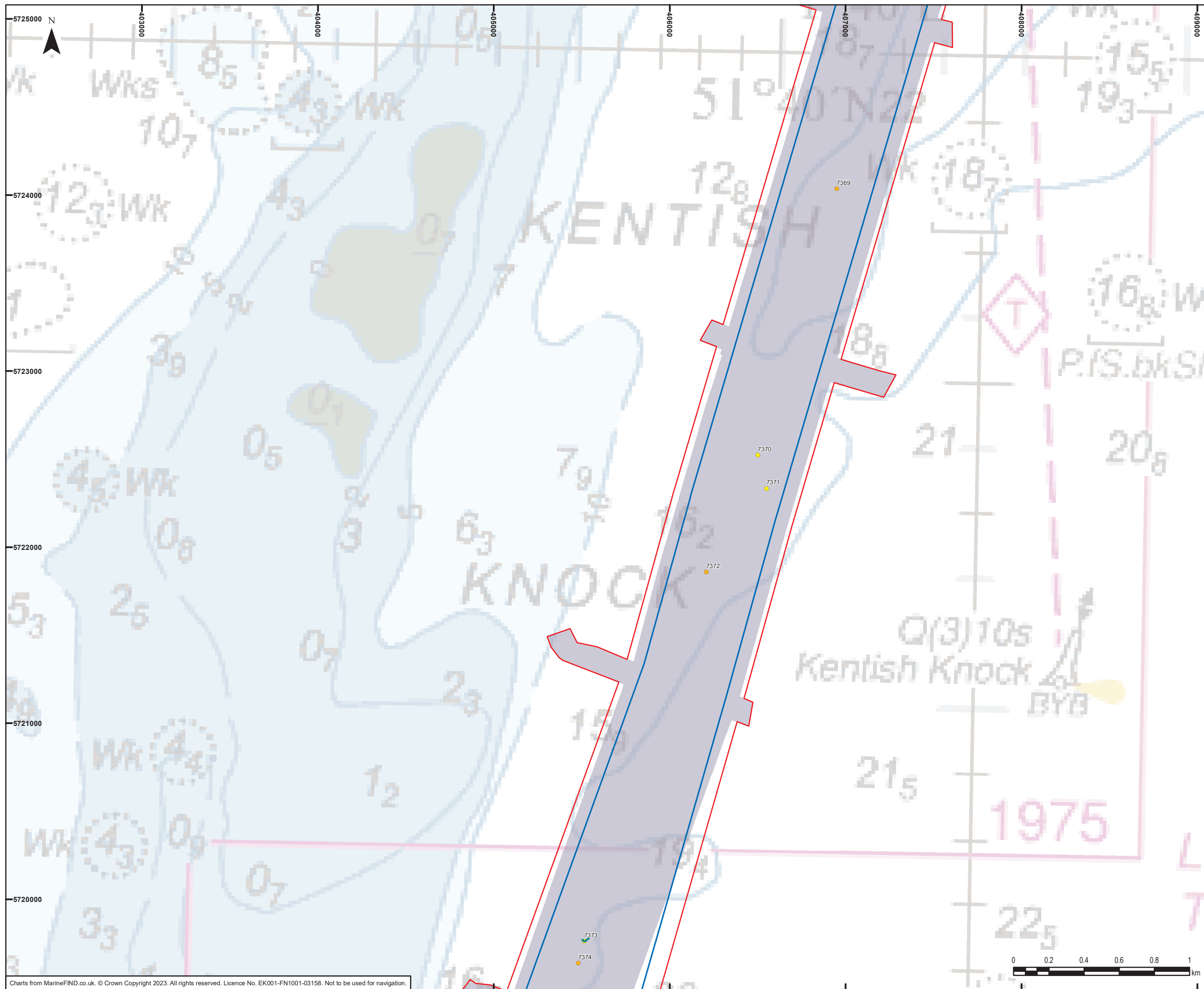
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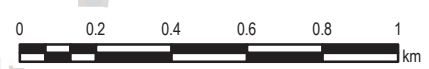


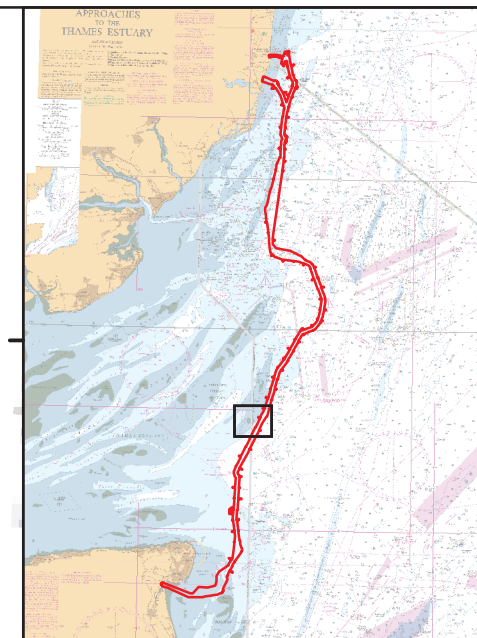
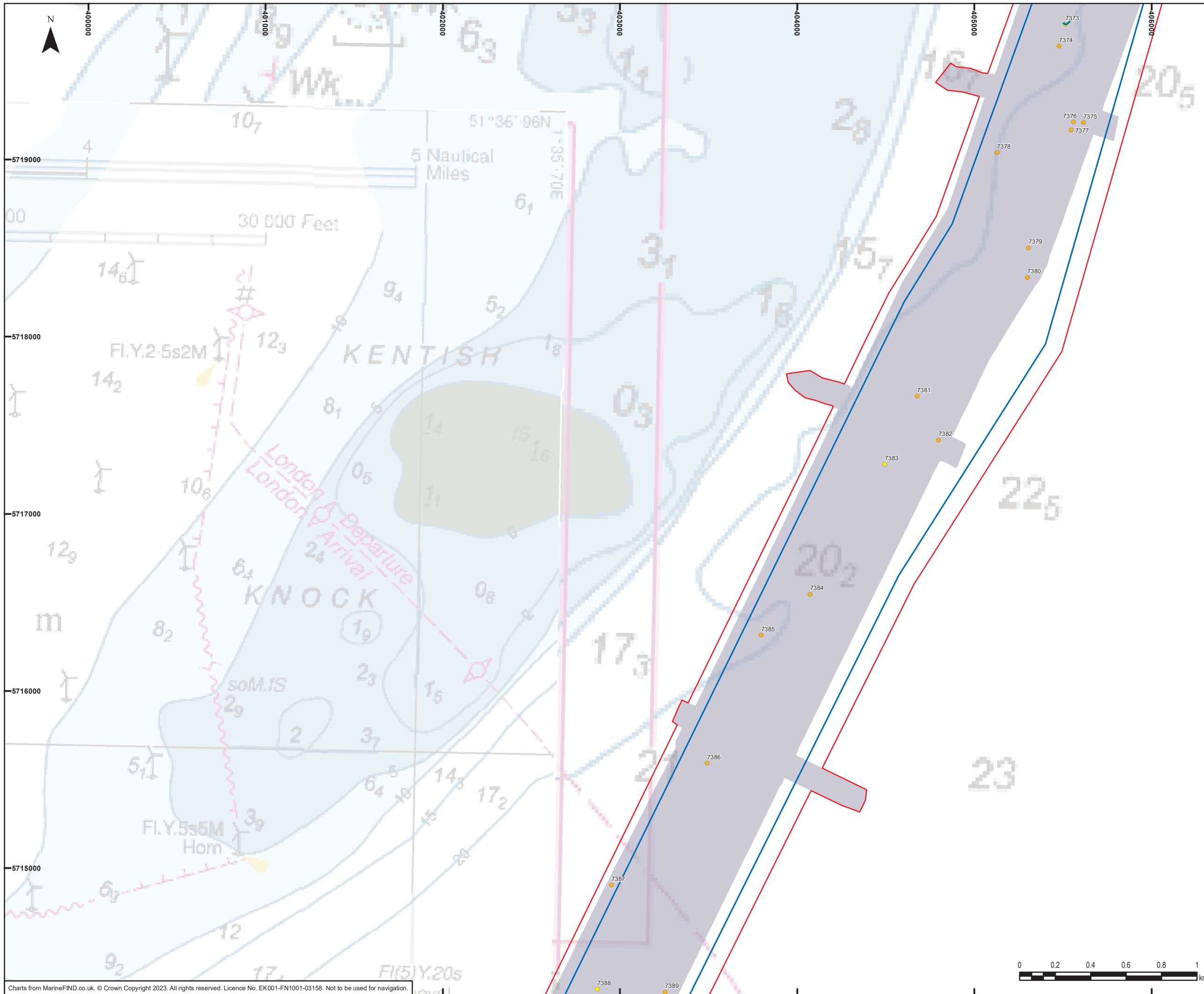


- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
- Seabed features of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
 - A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
 - Linear seabed features

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Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Seabed features of archaeological potential

- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
- Linear seabed features

0	12/05/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App

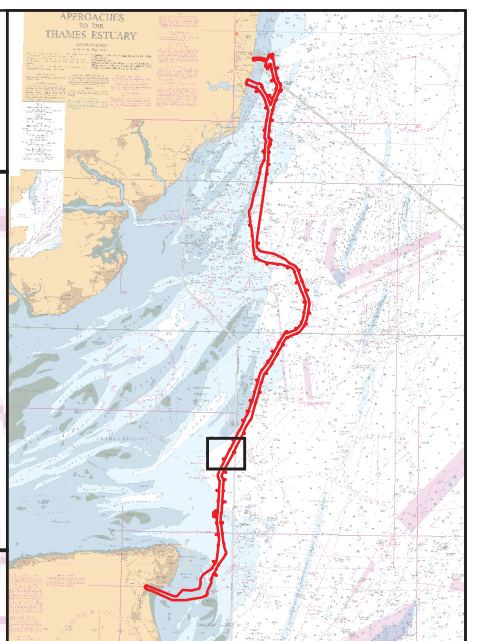
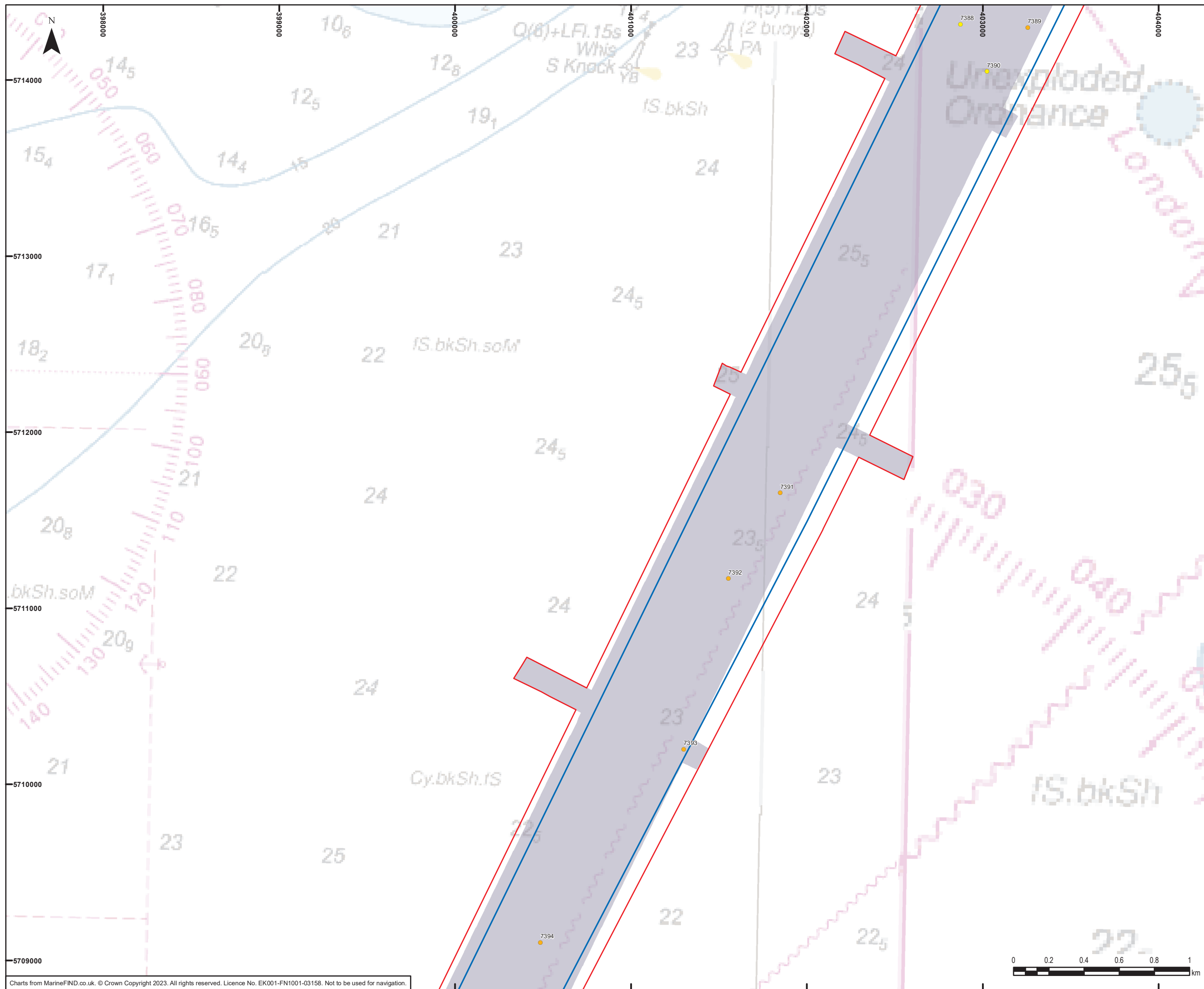
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Scheme: SEA LINK

Document Title: Seabed features of archaeological potential

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Document Ref: FIGURE 4.7.A.14N	Scale: 1:20,000	Format: A3	Sheets: 21	Rev: 0	





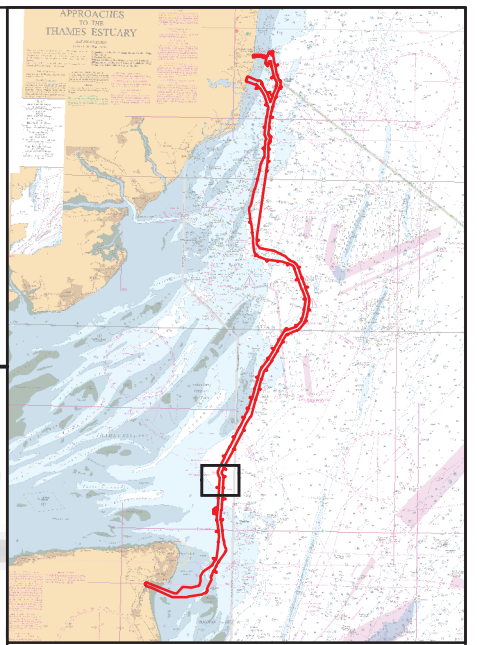
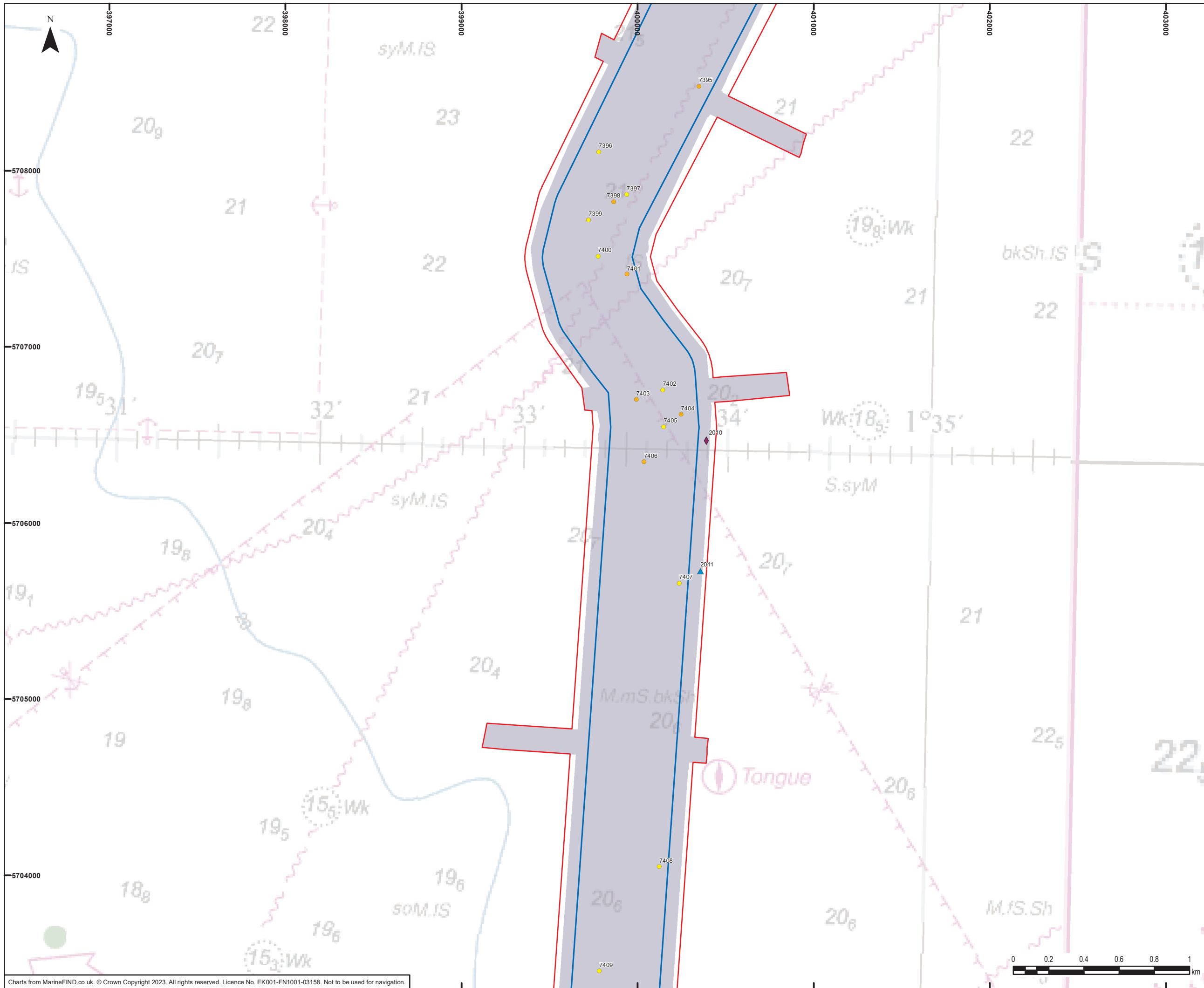
- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary

- Seabed features of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
 - A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature

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Rev	Date	Description	GIS	Chk	App

nationalgrid					
Scheme: SEA LINK					
Document Title: Seabed features of archaeological potential					
Creator: KF	Date: 12/05/2023	Checker: VL	Date: 12/05/2023	Approver: EM	Date: 12/05/2023
Document Ref: FIGURE 4.7.A.140	Scale: 1:20,000	Format: A3	Sheets: 21	Rev: 0	





- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary

- Seabed features of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
 - A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature

- Additional seabed features**
- ◆ Wreck
 - ▲ Obstruction

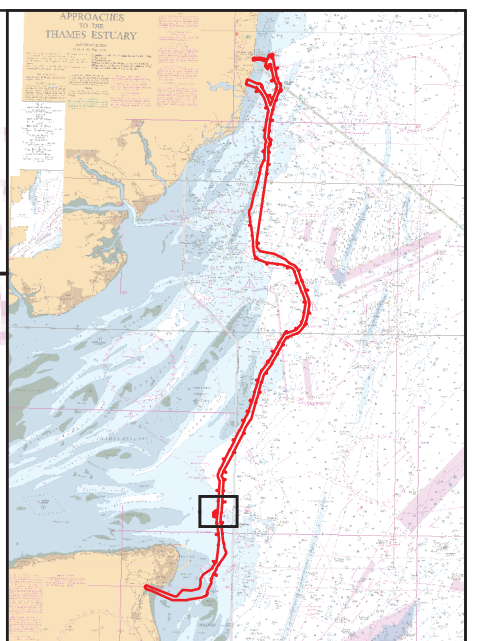
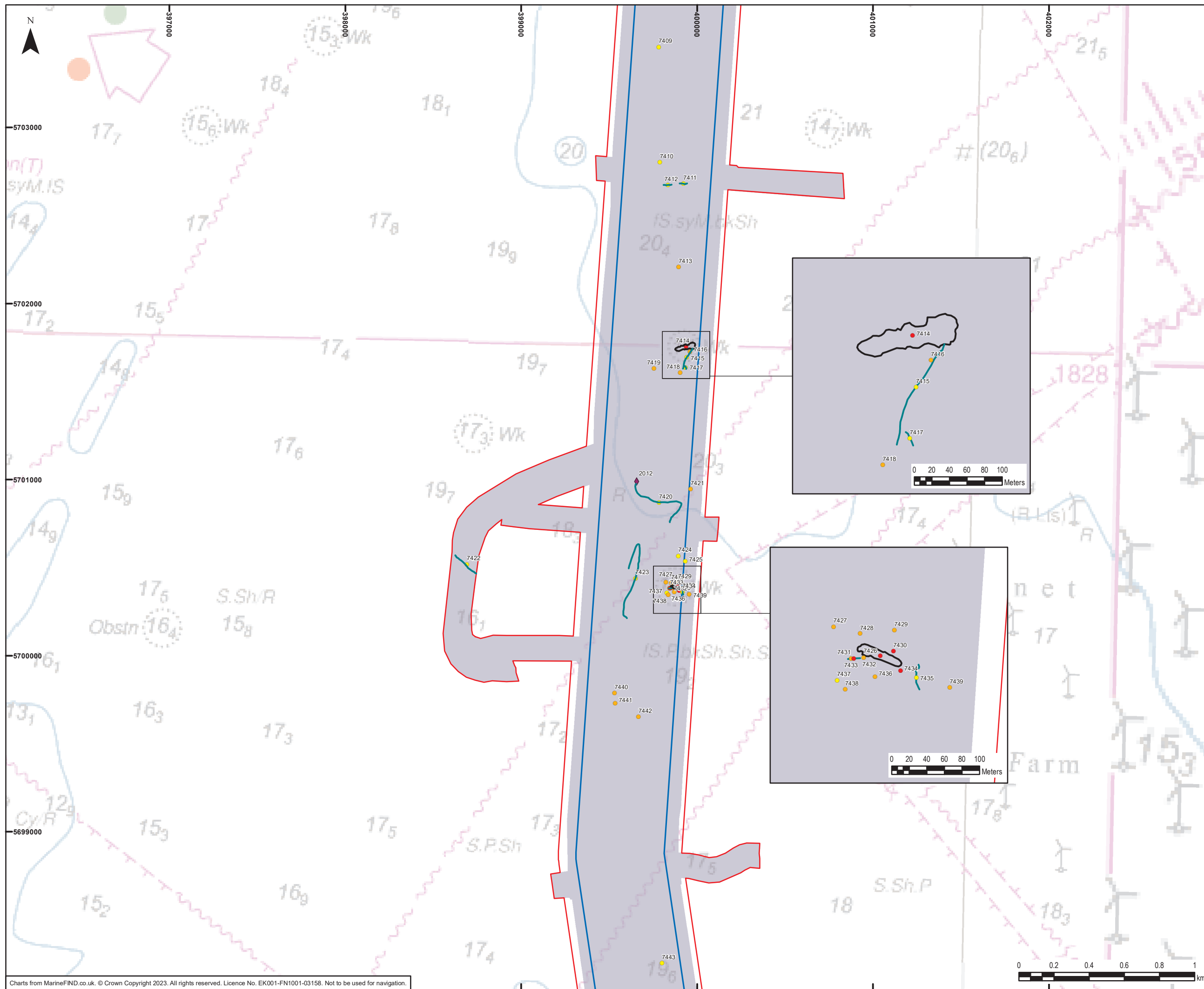
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Rev	Date	Description	GIS	Chk	App

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Scheme: SEA LINK

Document Title: Seabed features of archaeological potential

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Document Ref: FIGURE 4.7.A.14P	Scale: 1:20,000	Format: A3	Sheets: 21	Rev: 0	



Legend

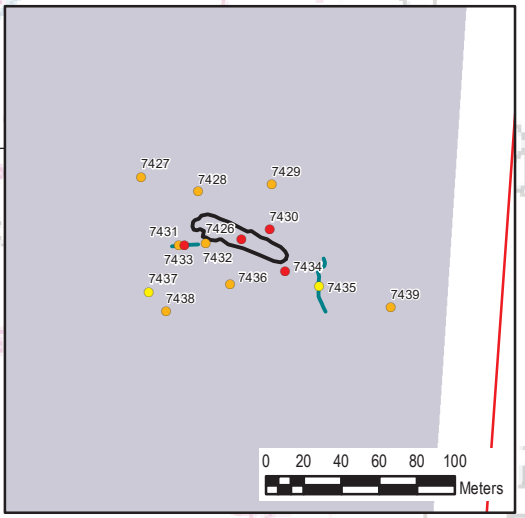
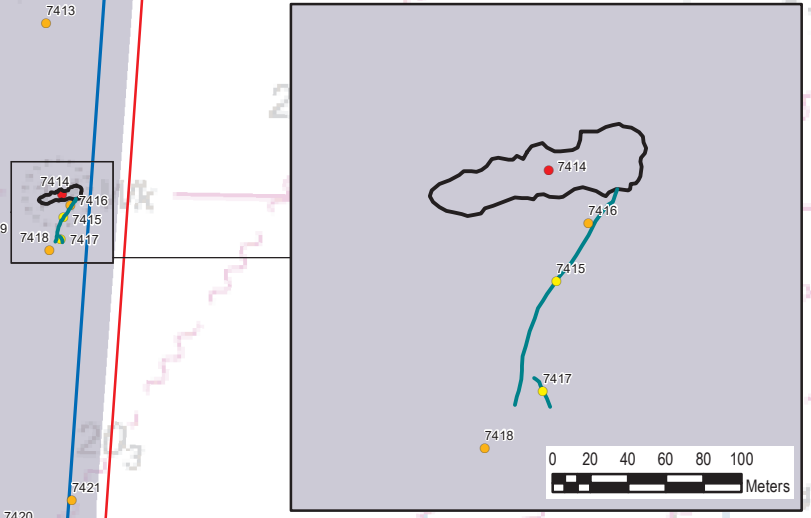
- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Seabed features of archaeological potential

- A1 – Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_I – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
- Linear seabed features
- Seabed feature extents

Additional seabed features

- ◆ Wreck



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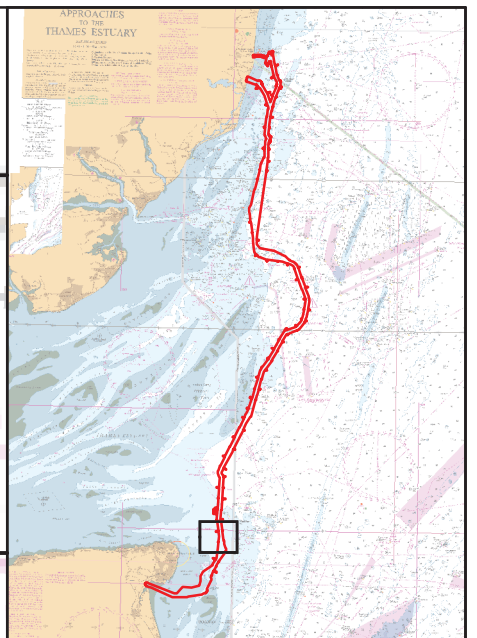
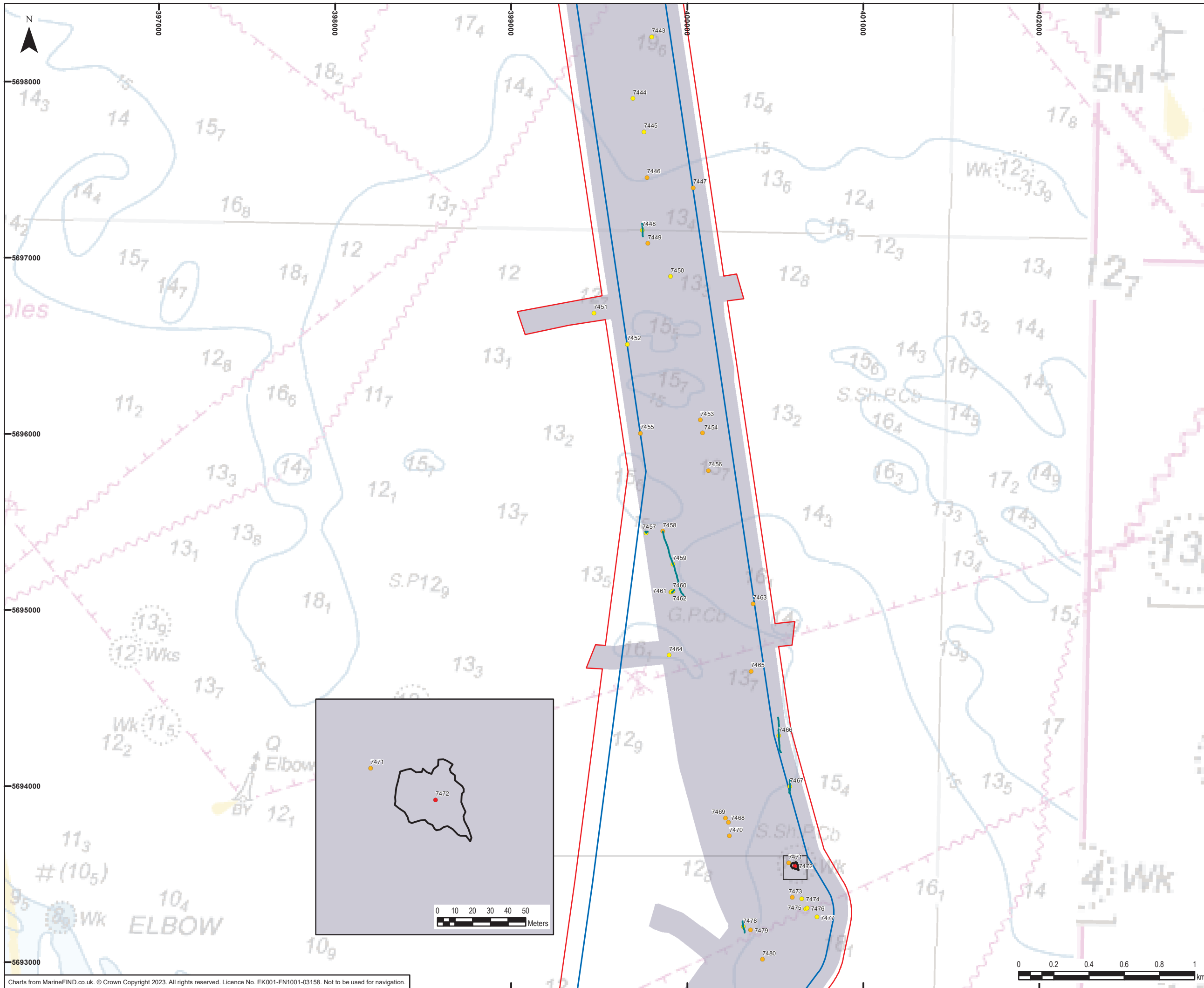
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Scheme: SEA LINK

Document Title: Seabed features of archaeological potential

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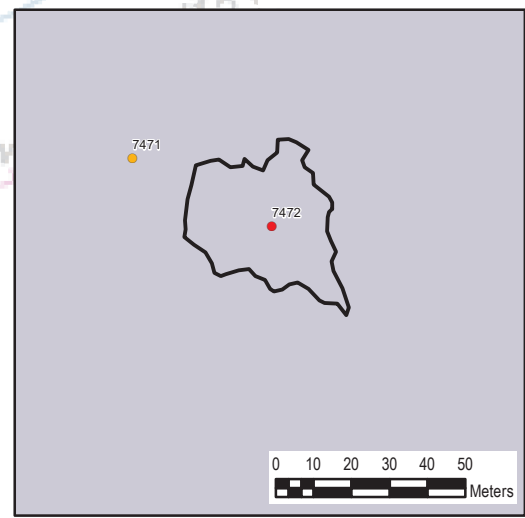


Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Seabed features of archaeological potential

- A1 – Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
- Linear seabed features
- Seabed feature extents



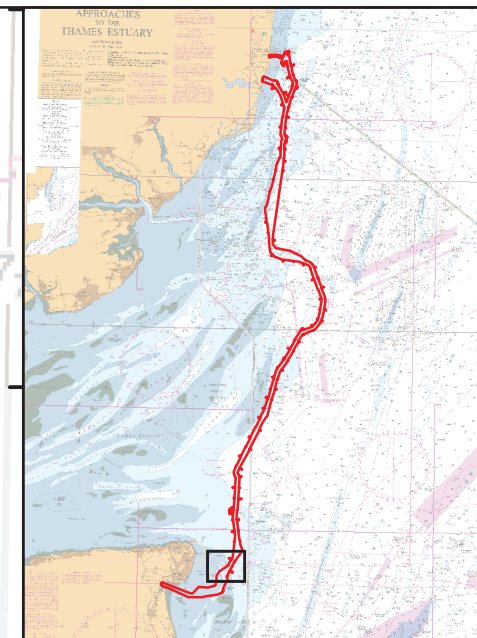
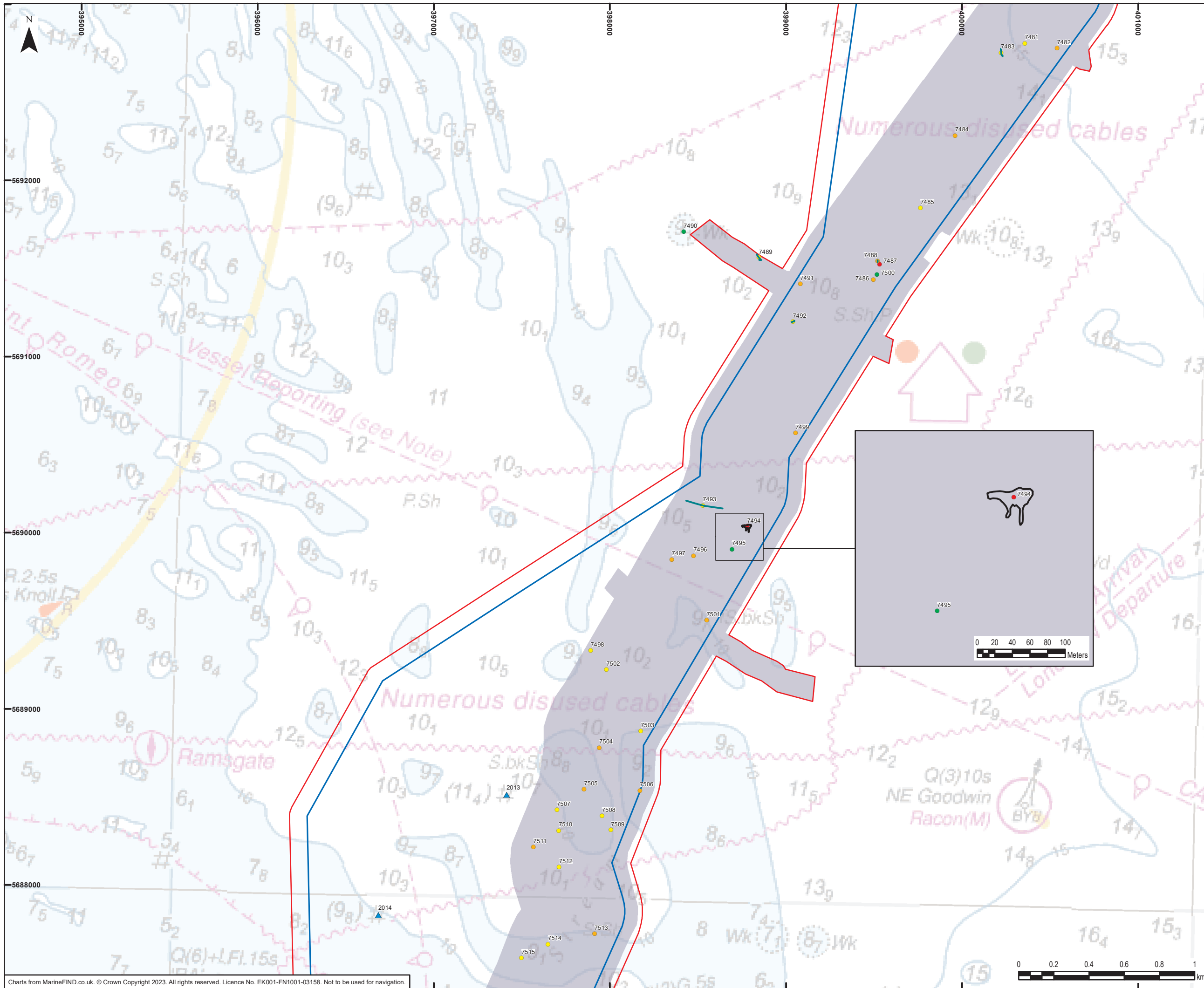
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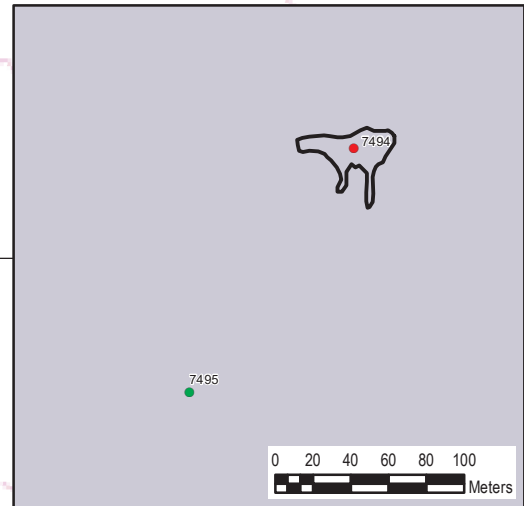
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Document Title: Seabed features of archaeological potential

Creator: KF	Date: 18/04/2023	Checker: VL	Date: 18/04/2023	Approver: EM	Date: 18/04/2023
Document Ref: FIGURE 4.7.A.14R	Scale: 1:20,000	Format: A3	Sheets: 21	Rev: 0	



- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
- Seabed features of archaeological potential**
- A1 – Anthropogenic origin of archaeological interest
 - A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
 - A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
 - A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
 - Linear seabed features
 - Seabed feature extents
- Additional seabed features**
- ▲ Obstruction



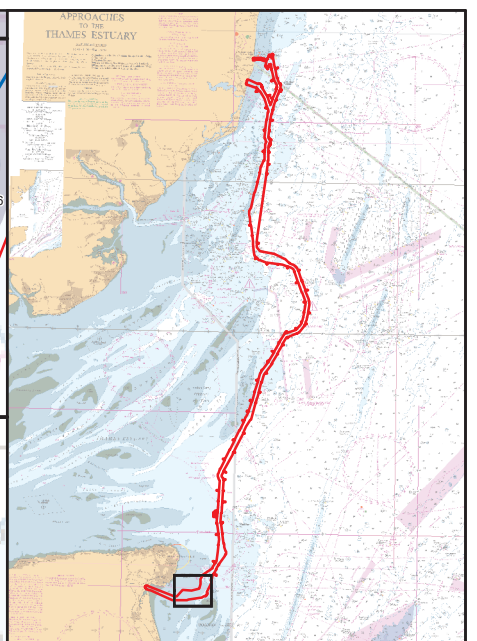
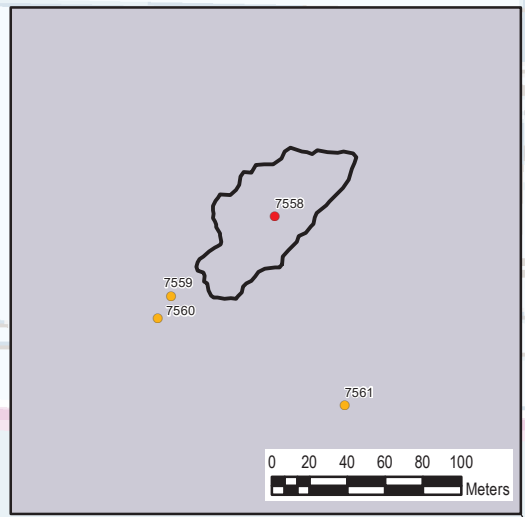
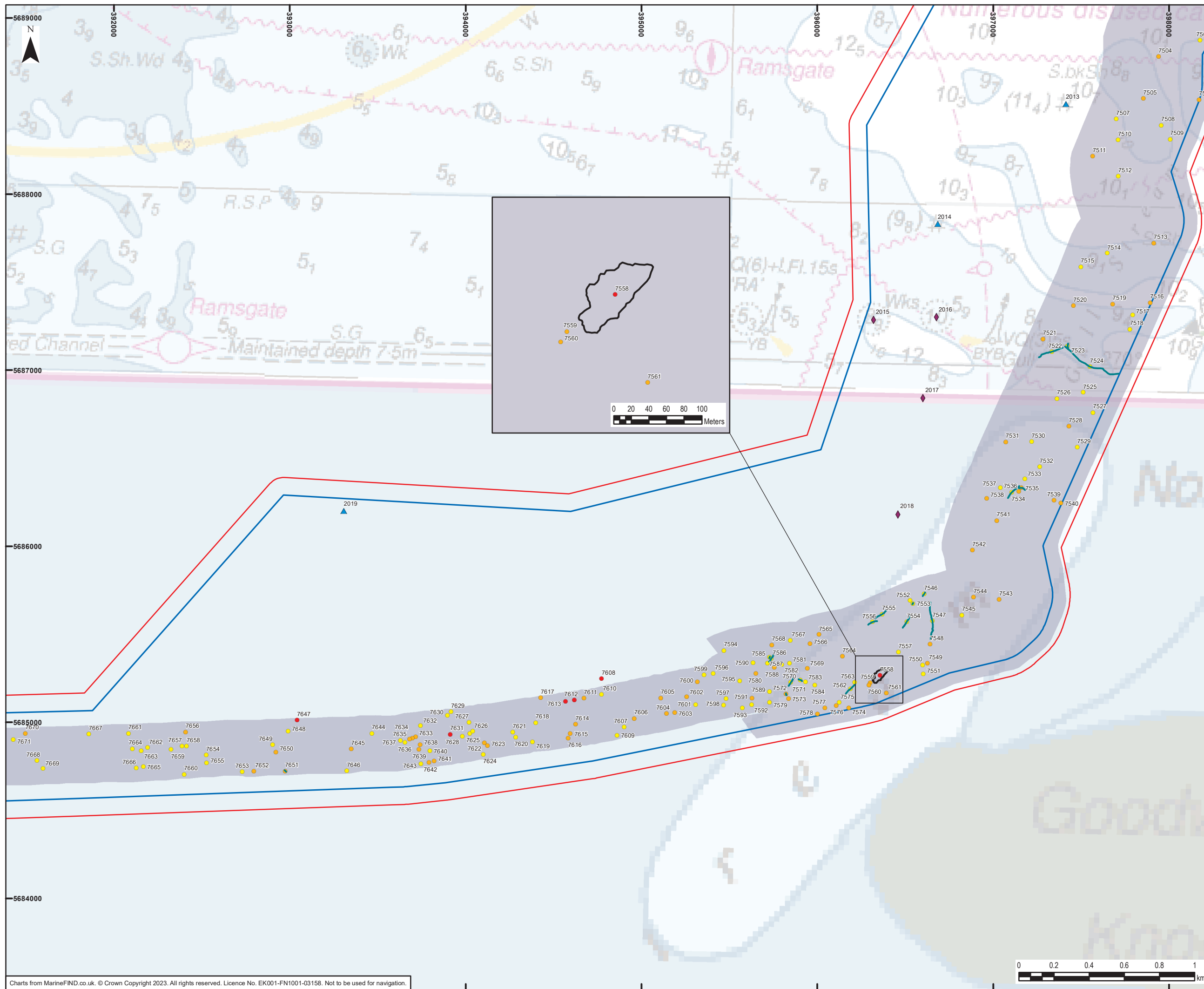
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Document Ref: FIGURE 4.7.A.14S	Scale: 1:20,000	Format: A3	Sheets: 21	Rev: 0	



Legend

- Marine archaeology study area
- Geophysical survey area
- Offshore Scheme Boundary

Seabed features of archaeological potential

- A1 – Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
- A2_I – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature

- Linear seabed features
- Seabed feature extents

Additional seabed features

- ◆ Wreck
- ▲ Obstruction

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Rev	Date	Description	GIS	Chk	App

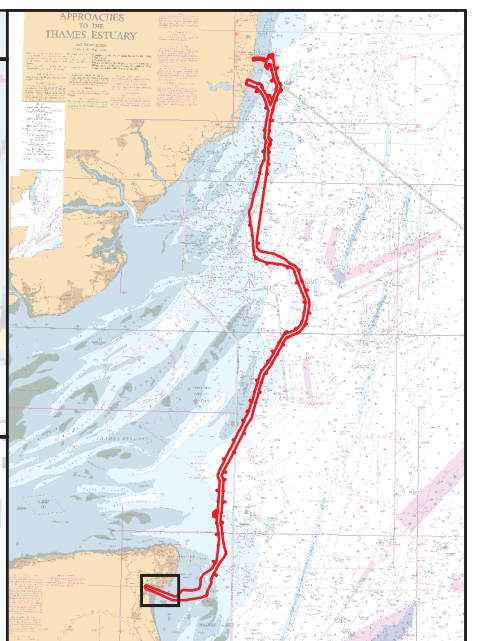
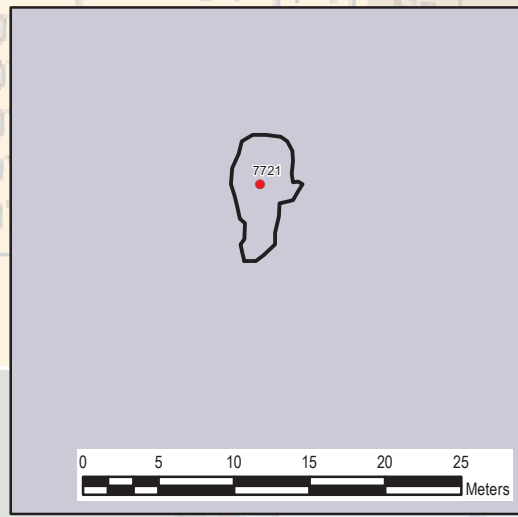
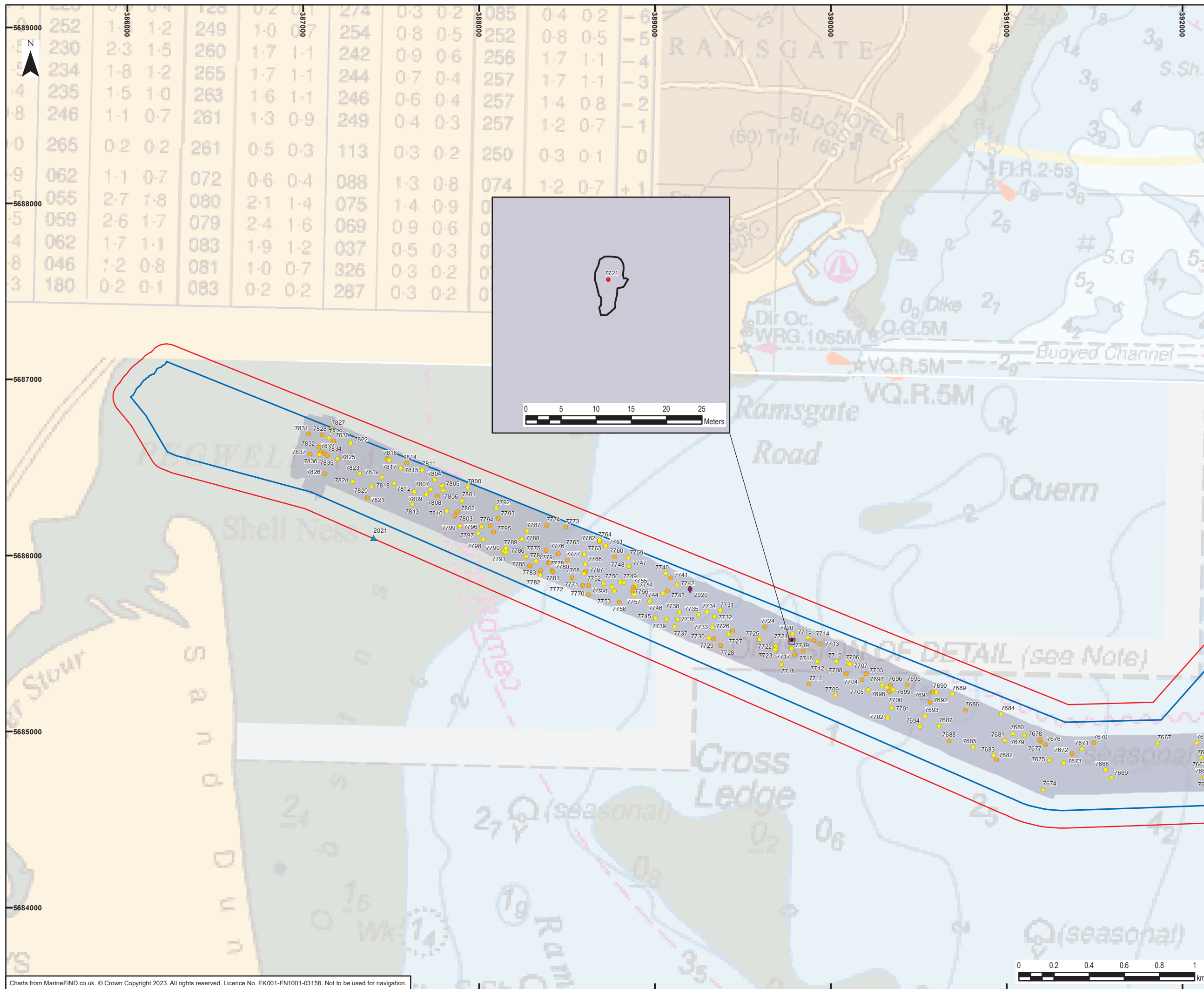
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Document Title: Seabed features of archaeological potential

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Document Ref: FIGURE 4.7.A.14T	Scale: 1:20,000	Format: A3	Sheets: 21	Rev: 0	

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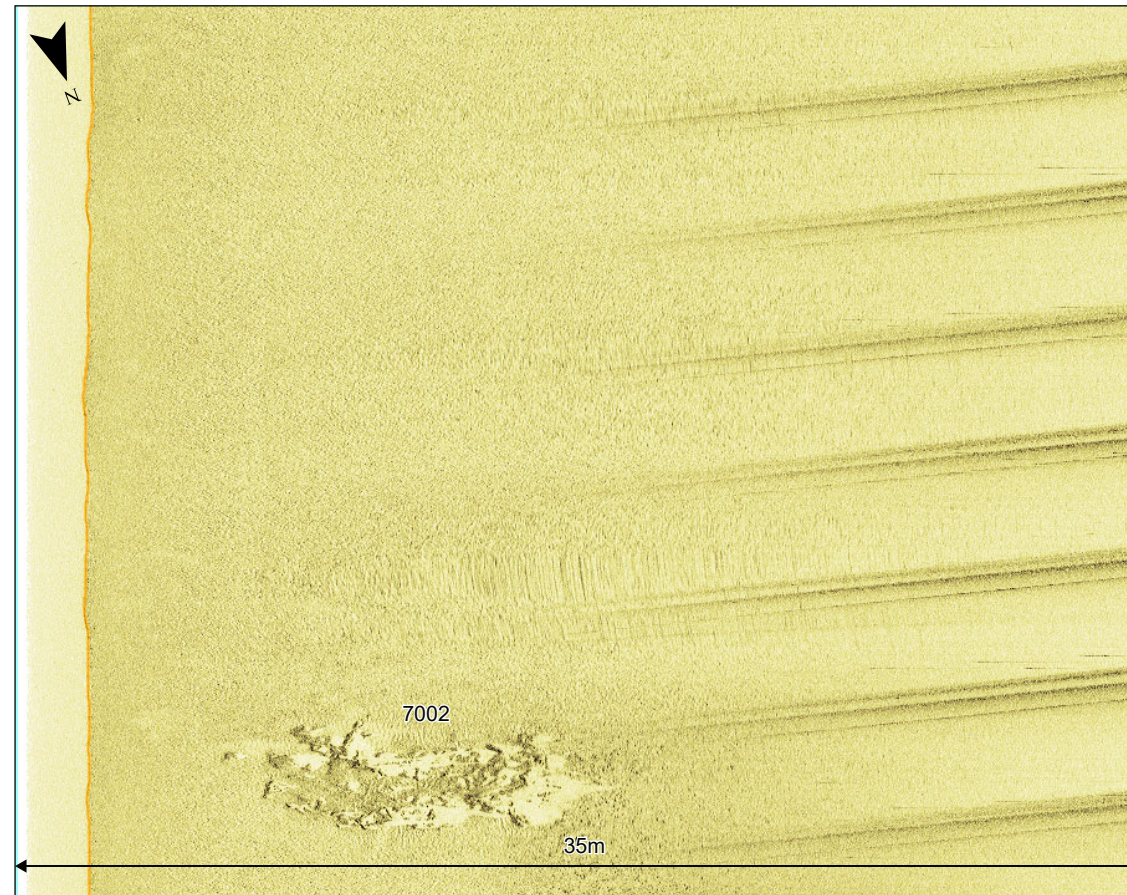
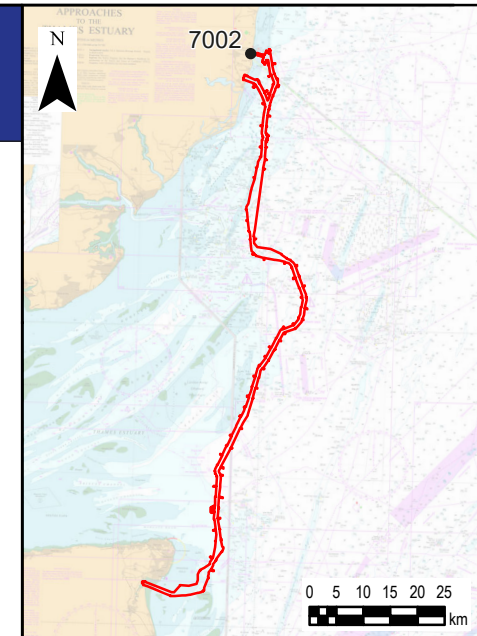


- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
- Seabed features of archaeological potential**
- A1 – Anthropogenic origin of archaeological interest
 - A2_h – Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
 - A2_l – Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature
- Seabed feature extents
- Additional seabed features**
- ◆ Wreck
 - ▲ Obstruction

0	18/04/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App

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Document Title: Seabed features of archaeological potential					
Creator: KF	Date: 18/04/2023	Checker: VL	Date: 18/04/2023	Approver: EM	Date: 18/04/2023
Document Ref: FIGURE 4.7.A.14U	Scale: 1:20,000	Format: A3	Sheets: 21	Rev: 0	

Location	406023 E 5784883 N	Area	Sea Link Nearshore S7
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7002 is an unknown and unrecorded wreck.		
	The wreck is visible in the SSS data as a distinct and compact group of elongate, rounded and angular dark reflectors with bright shadows, measuring 10.8 x 8.4 x 0.4m. The wreck is distinct to the surrounding seabed and isolated.		
Build	Type	Unknown	
	Construction	Unknown	
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss	Cause	Unknown	
Extent of Survival	The wreck is situated 20.0m south-west of a recorded wreck in the UKHO records; a modern fishing vessel not covered by any of the 2021 geophysical datasets. The condition of the wreck suggests it is unlikely to be modern and so not associated with this record.		
	The wreck appears to be very broken up and degraded with no distinguishable features, however it appears highly anthropogenic.		



Sidescan sonar waterfall image of wreck **7002**, 35m range per channel

Legend

Marine archaeology study area

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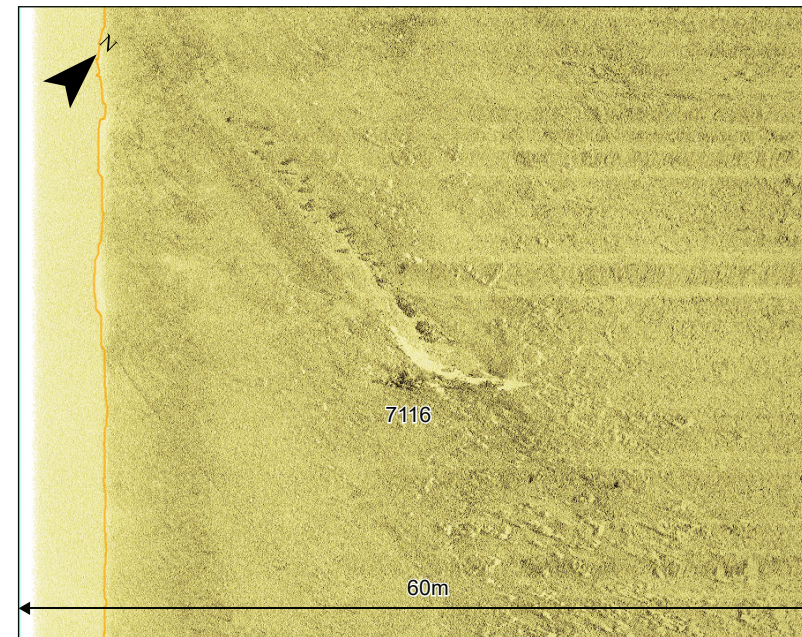
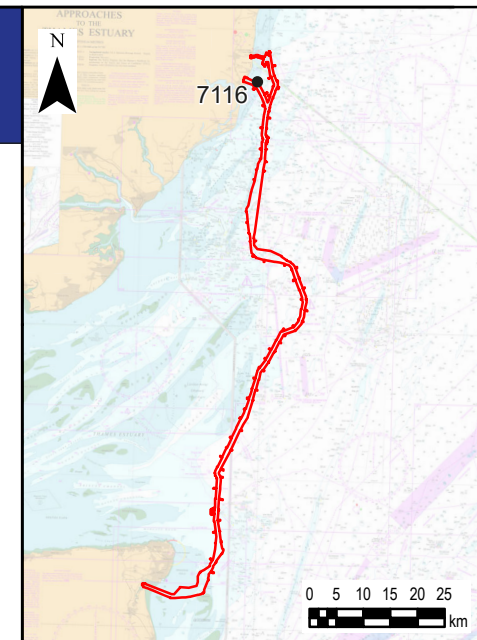
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Document Title: Wreck Sheet 1: Wreck 7002

Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
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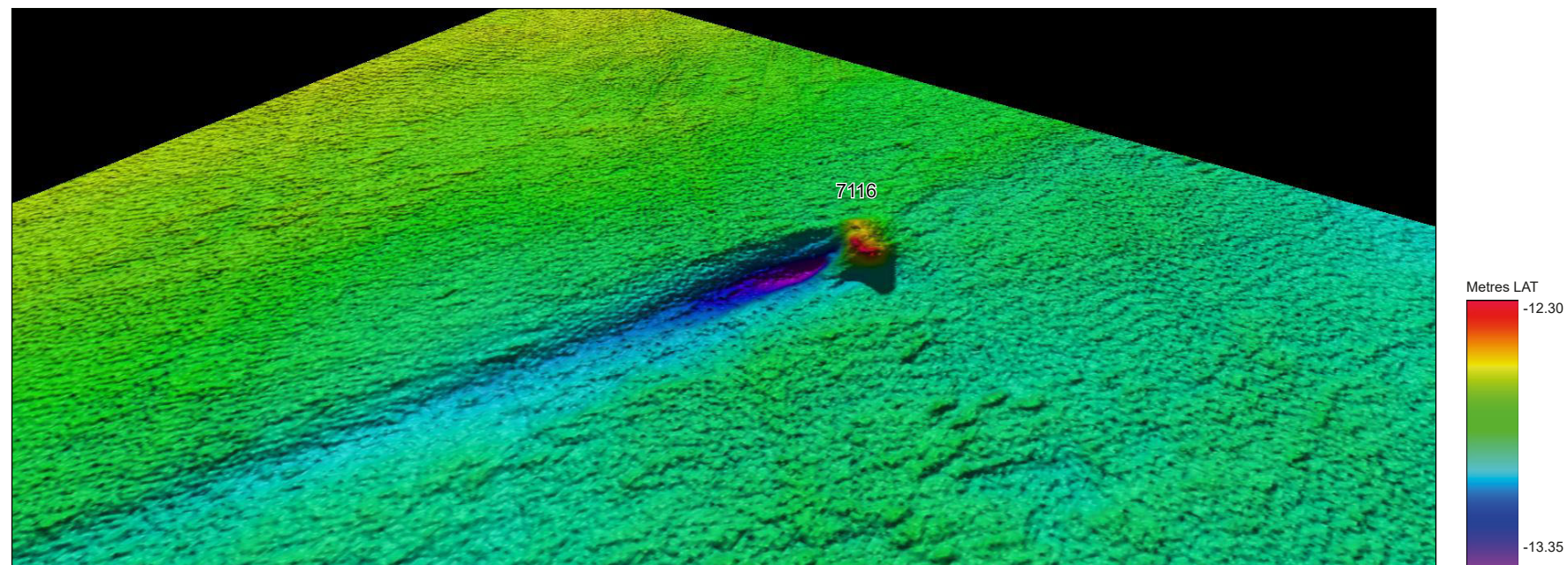
Document Ref: FIGURE 4.7.A.15	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0
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Location	407157 E 5779594 N	Area	Sea Link Offshore Block 1
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7116 is an unknown wreck that corresponds with a UKHO record (87090). The wreck is visible in the SSS data as an indistinct spread of dark reflectors with slight shadows; multiple angular objects are visible within an area of disturbed seabed. The wreck measures 15.5 x 8.4 x 0.7m and its full extent may be buried.		
	In the MBES data the wreck is visible as a large oval mound with an uneven peak, with distinct scouring to the south measuring 25.0m long and approximately 0.5m deep. The mound's edges are indistinct which may suggest it is partially buried. No anomalous features were identified in the Mag. data at this location.		
Build	Type	Unknown	
	Construction	Unknown	
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss	Cause	Unknown	
Extent of Survival	In the UKHO record the wreck was first identified in 2017 and had recorded MBES dimensions of 10.2 x 5.0 x 1.0m.		
	In the 2021 geophysical data the wreck has no distinguishable characteristics, the larger 2021 geophysical dimensions may indicate the wreck has become more exposed since 2017. Associated scouring and sediment accumulation may indicate the wreck is periodically buried.		



Sidescan sonar waterfall image of wreck **7116**, 60m range per channel

Legend
 Marine archaeology study area



MBES grid image, x 1 vertical exaggeration, looking north-west

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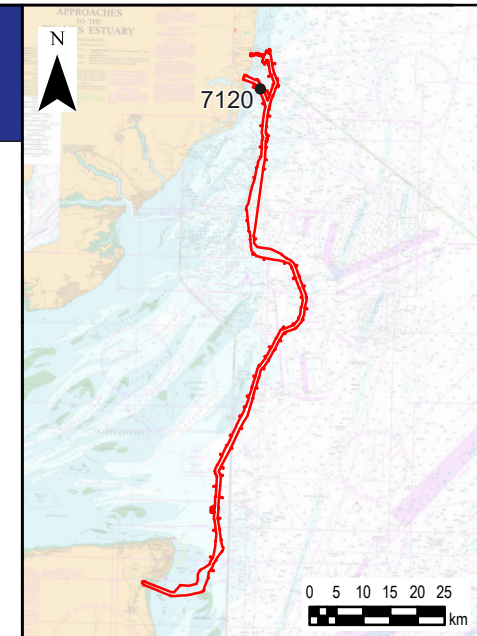
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Document Title: Wreck Sheet 2: Wreck 7116

Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
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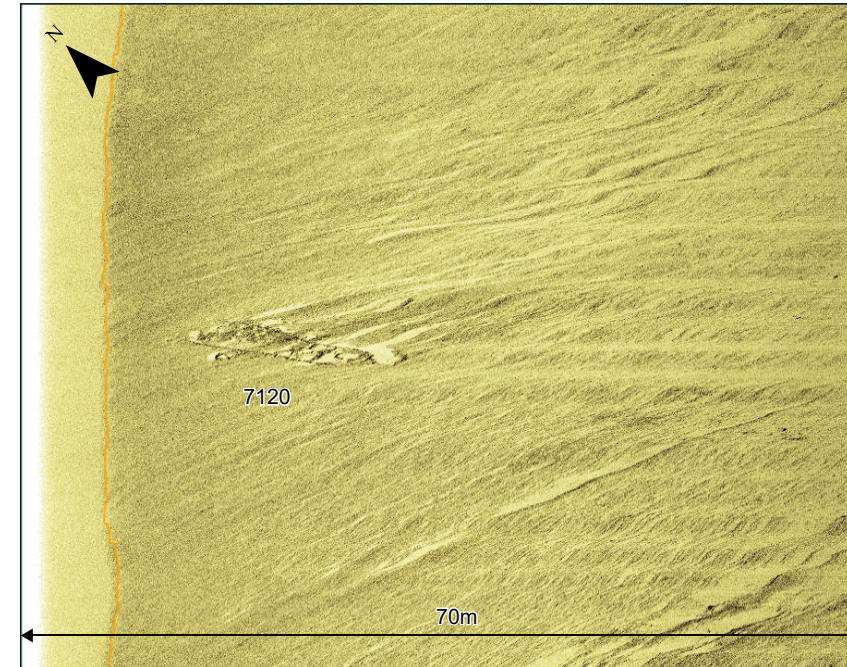
Document Ref: FIGURE 4.7.A.16	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0
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Location	407875 E 5778194 N	Area	Sea Link Offshore Block 1
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7120 is an unknown and unrecorded wreck.		
	<p>In the SSS data the wreck is visible as a large oval shaped thin curvilinear dark reflector interpreted to be the hull, with bright irregular shadows across its length, indicating uneven height. Internally, indistinct angular and short and straight dark reflectors with shadows are visible that may be surviving deck structure. The wreck is situated in an area of mobile sediments and measures 22.2 x 9.9 x 0.4m.</p> <p>In the MBES data one end of the wreck is visible as a distinct curvilinear mound that appears to be mostly intact hull structure. Internally, indistinct linear mounds are visible suggesting the wreck is upright and there are some small angular mounds directly next to the hull that may be collapsed structure. The wreck is orientated east to west on the seabed, with the east end potentially buried by sediments and/or highly degraded. The wreck has scouring to the south for approximately 25.0m and 0.7m deep.</p> <p>The wreck has a large Mag. anomaly associated with it, measuring 111nT, indicating some ferrous material is present.</p>		
Build	Type	Unknown	
	Construction	Unknown	
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss	Cause	Unknown	
Extent of Survival	The wreck appears to be mostly intact with one end buried or highly degraded. The wreck is situated within an area of mobile sediments that may periodically conceal the wreck and any associated debris.		

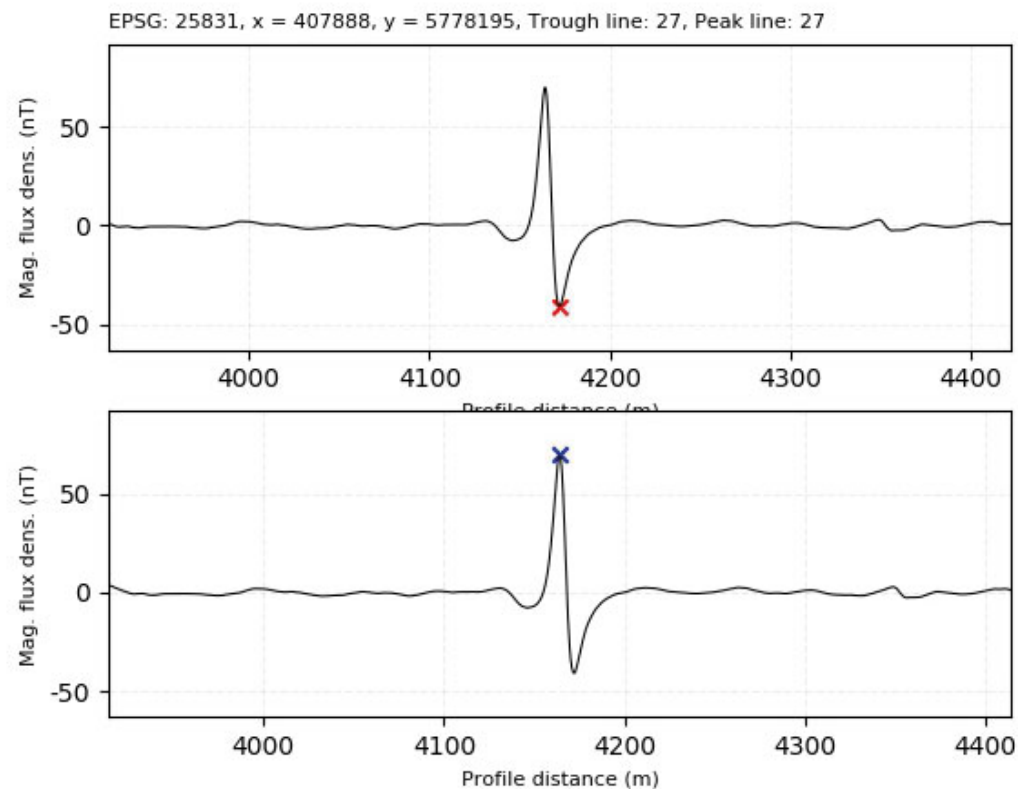


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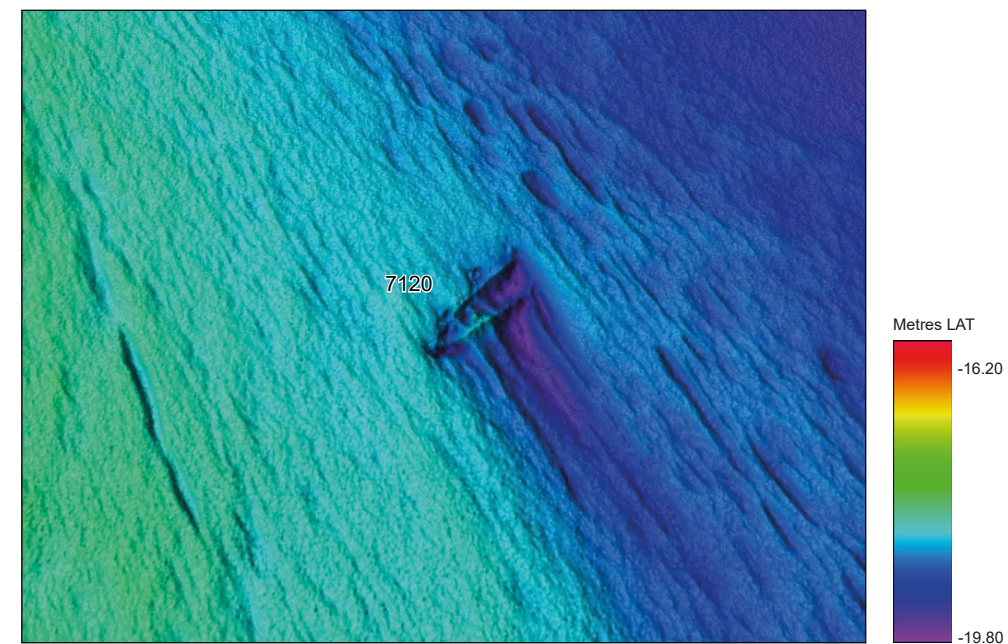
Marine archaeology study area



Sidescan sonar waterfall image of wreck **7120**, 70m range per channel



Mag profile image



MBES grid image, x 1 vertical exaggeration, looking north-east

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Rev	Date	Description	GIS	Chk	App

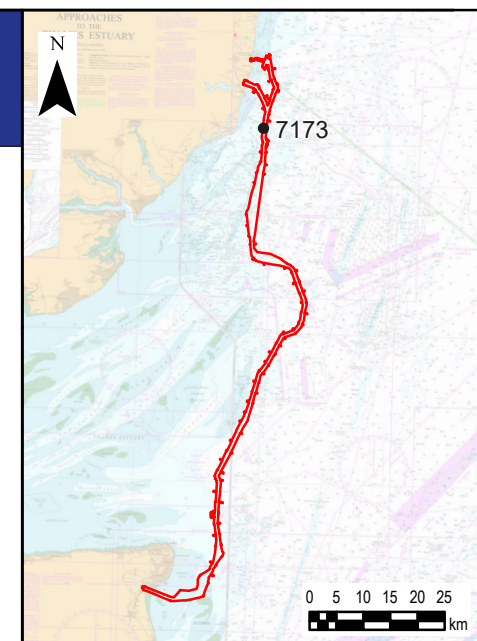
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Scheme: SEA LINK

Document Title: Wreck Sheet 3: Wreck 7120

Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
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Document Ref: FIGURE 4.7.A.17	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0
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Location	408301 E 5772170 N	Area	Sea Link Offshore Block 2
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Archaeological Importance	High
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Geophysical survey dimensions and notes

Wreck **7173** is a recorded wreck orientated approximately north to south on the seabed and corresponds with UKHO record 10249, for HMS *Tervani*. The wreck is also recorded in the NMHR (912686).

The wreck is partially covered by the SSS data and is visible a series of distinct but dispersed dark reflectors with bright shadows. Short linear and angular objects are visible, as well as slatted features that may be surviving deck structure. The wreck is orientated approximately north to south and extends beyond the SSS data range; the measured dimensions of 36.8 x 15.2 x 0.6m, are significantly shorter than those in the UKHO record, suggesting the wreck extends considerably beyond the data extents. The wreck has significant scour associated that extends beyond the data range to the south-east. An associated debris field has been identified to the north, suggesting the wreck has degraded.

The wreck was not directly covered by the MBES or Mag. datasets; however, a small Mag. anomaly was identified on the closest line 46m east, measuring 34nT, indicating some ferrous material is present.

Build	Type	Trawler
	Construction	Unknown, likely steel
	Dimensions (m)	48.8 x 7.9 x 4.3m, 457 tonnes (gross)
	Shipyard	Unknown

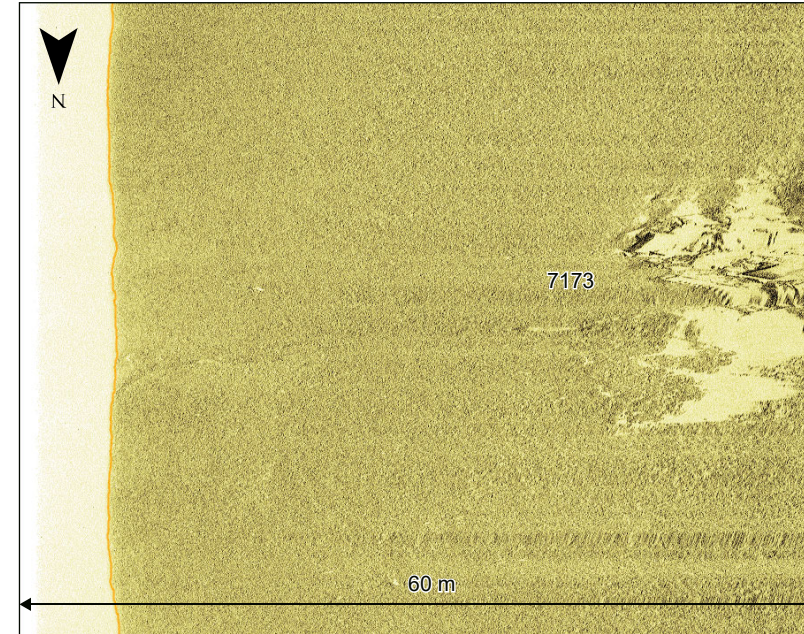
Loss	Cause	Mine
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Extent of Survival

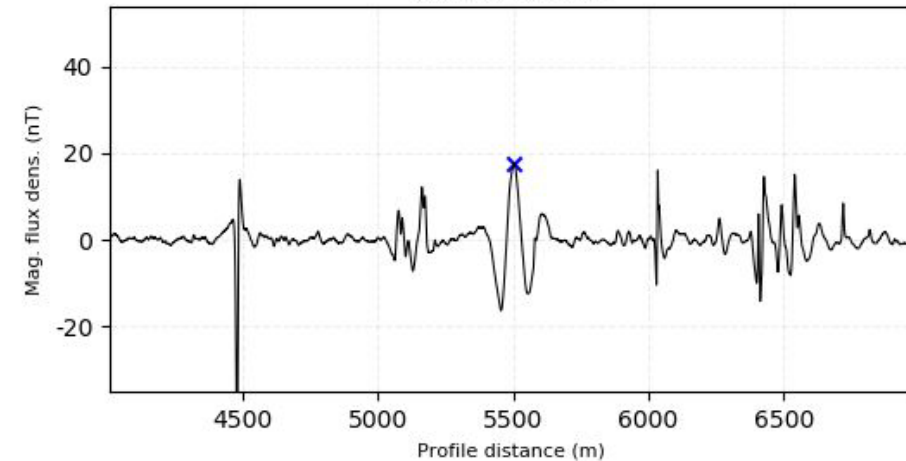
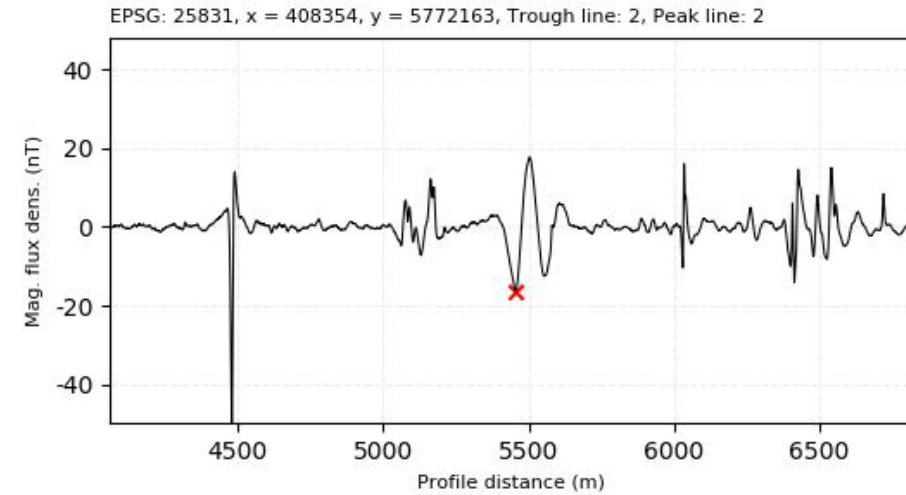
Recorded by the UKHO as the wreck of HMS *Tervani*, a trawler built in 1914 and mined in 1916. The vessel had one boiler and a triple expansion engine. The wreck was last surveyed in 2017 and reported as being intact and partially buried, with MBES dimensions of 48.1 x 8.1 x 2.4m.

The wreck was only partially covered by the 2021 SSS data and the recorded dimensions suggest the wreck extends beyond the data extents. No discernible superstructure was visible; however, some linear features were identified which may be part of the deck.

Objects identified in the vicinity of the wreck and interpreted as associated debris indicate it is broken up.



Sidescan sonar waterfall image of wreck **7173**, 60m range per channel



Mag profile image

Legend

Marine archaeology study area

0	27/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App

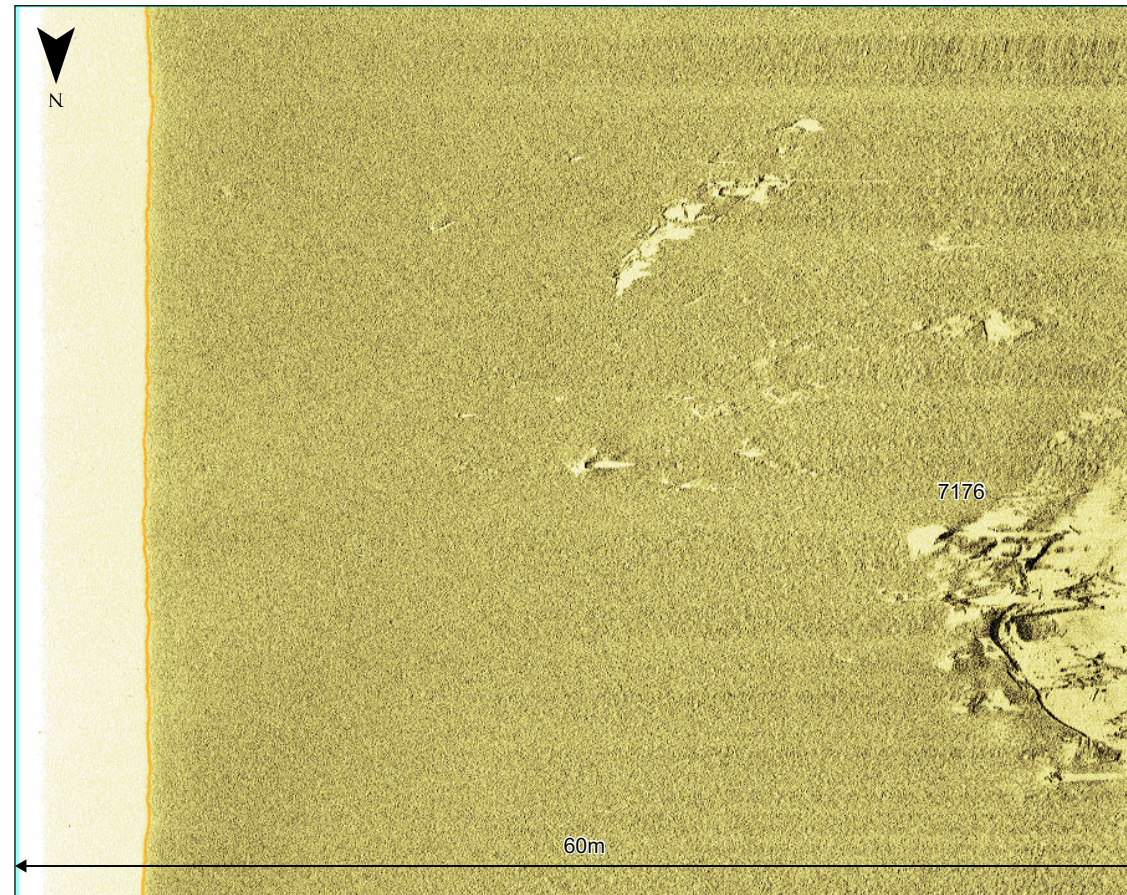
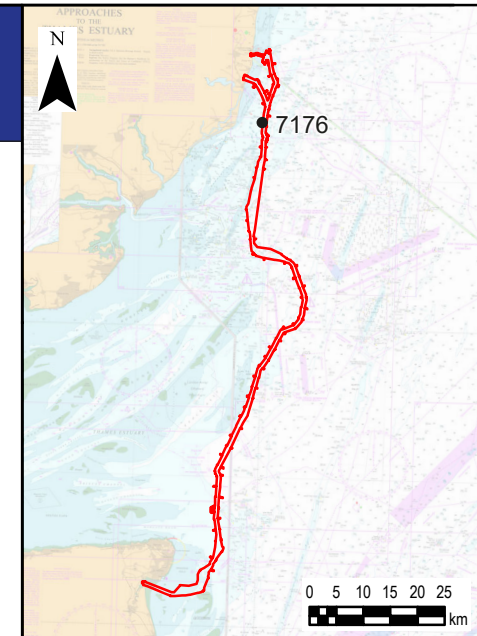
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Scheme: SEA LINK

Document Title: **Wreck Sheet 4: Wreck 7173**

Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.18	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	

Location	408288 E 5772083 N	Area	Sea Link Offshore Block 2
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7176 is an unknown, recorded wreck that corresponds with UKHO record 86578.		
	<p>The wreck is partially covered by the SSS data and is visible as a large spread of linear, curvilinear, elongate, and angular dark reflectors with bright shadows. The wreck measures 41.4 x 10.2 x 0.4m, however it extends beyond the SSS data range and so the dimensions should be considered a minimum. At the north-east end of the wreck a distinctive curvilinear dark reflector measuring 23.7 x 1.3m is visible that is interpreted to be a part of the hull. No superstructure or deck structure is visible, and associated debris has been identified in the vicinity.</p> <p>The wreck was not directly covered by the MBES or Mag. datasets, so it is not possible to ascertain whether ferrous material is present.</p>		
Build	Type	Unknown	
	Construction	Unknown	
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss	Cause	Unknown	
Extent of Survival	Associated with a UKHO record for an unknown wreck, last surveyed in 2017. It is described as a being largely intact and partially buried, with dimensions of 41.7 x 6.5 x 2.9m.		
	The wreck was partially covered by the 2021 SSS data and no discernible superstructure was visible. Objects identified in the vicinity of the wreck and interpreted as debris suggest it is broken up and highly degraded.		



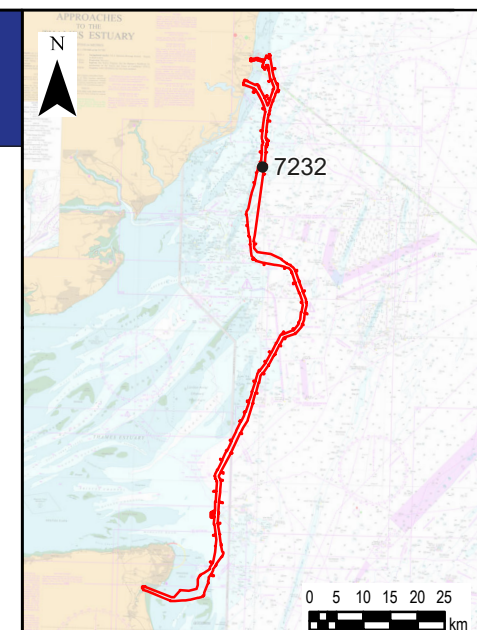
Sidescan sonar waterfall image of wreck **7176**, 60m range per channel

Legend
 Marine archaeology study area

0	27/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App



Scheme: SEA LINK					
Document Title: Wreck Sheet 5: Wreck 7176					
Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.19	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	



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 Marine archaeology study area

Location	406866 E 5761733 N	Area	Sea Link Offshore Block 2
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Archaeological Importance High

Wreck **7232** is a recorded wreck that corresponds with UKHO record 14743 and NMHR record 879873, an unknown wreck.

In the SSS data the wreck is visible as a distinct oval shaped thick curvilinear dark reflector, interpreted to represent the hull. Internally there are indistinct linear and angular dark reflectors with shadows, that are likely surviving deck structure. The wreck is orientated approximately north-east to south-west on the seabed and measures 44.5 x 14.5 x 3.4m.

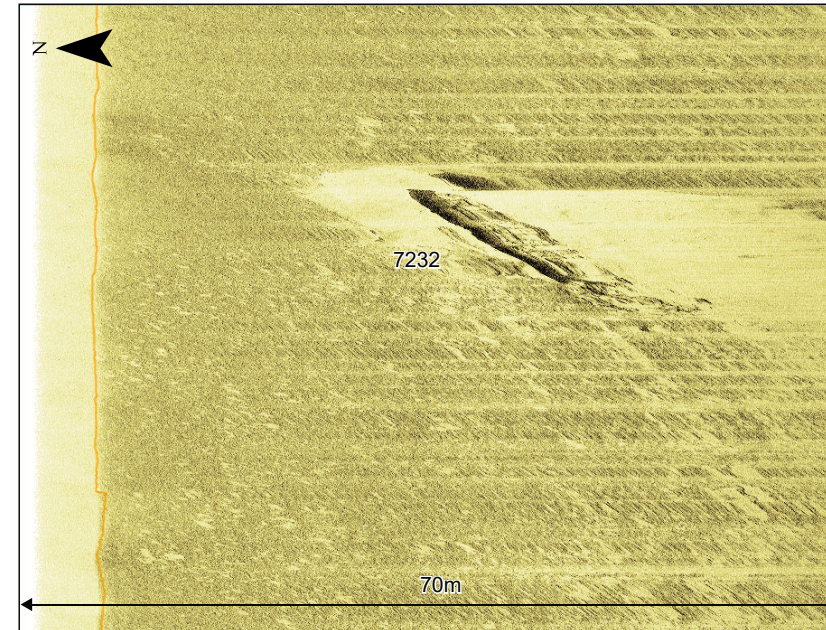
Geophysical survey dimensions and notes
 In the MBES data the wreck appears upright and mostly intact, internally some upstanding deck structure is visible in the form of square and rounded mounds. At the south-west end of the deck two tall mounds are visible which may be boilers. The south-west end of the wreck ends abruptly, suggesting the vessel may be broken in two, is partially buried or very degraded, and there is associated debris in the vicinity. The wreck has substantial sediment accumulation on its south-western end and deep scouring, particularly to the SSW extending for approximately 90.0m and up to 4.0m deep.

The wreck has a very large Mag. anomaly associated with it, measuring 3,415nT, indicating substantial ferrous material is present.

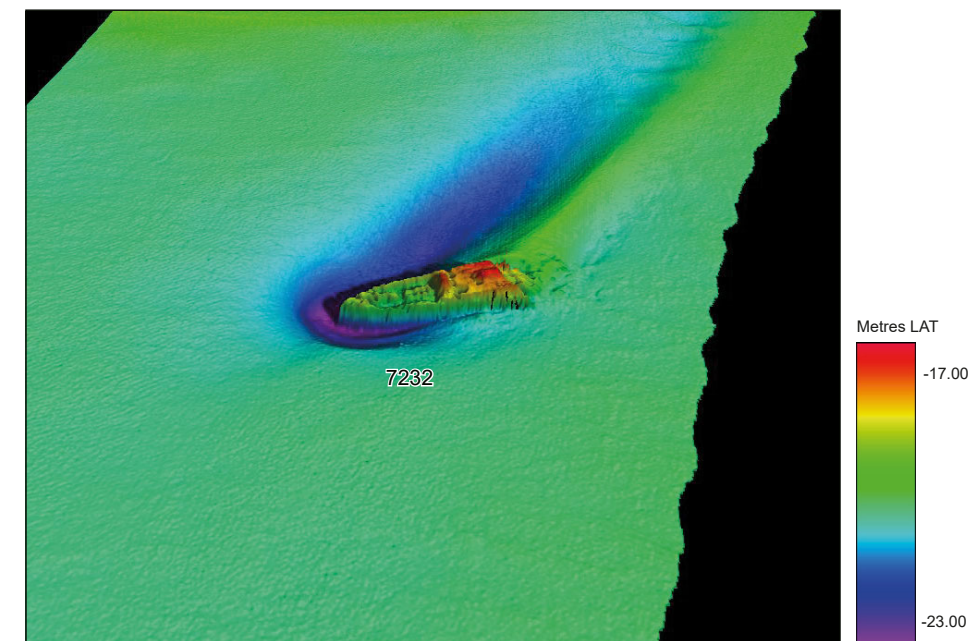
Build	Type	Unknown
	Construction	Unknown, likely steel
	Dimensions (m)	Unknown
	Shipyard	Unknown
Loss	Cause	Unknown

Extent of Survival
 Recorded by the UKHO as an unknown wreck, first located in 1973 and last surveyed in 2019, the wreck was reported as being generally intact and partially buried with the aft broken off or degraded. The wreck has reported dimensions of 31.6 x 7.2 x 4.4m and is orientated 69° on the seabed.

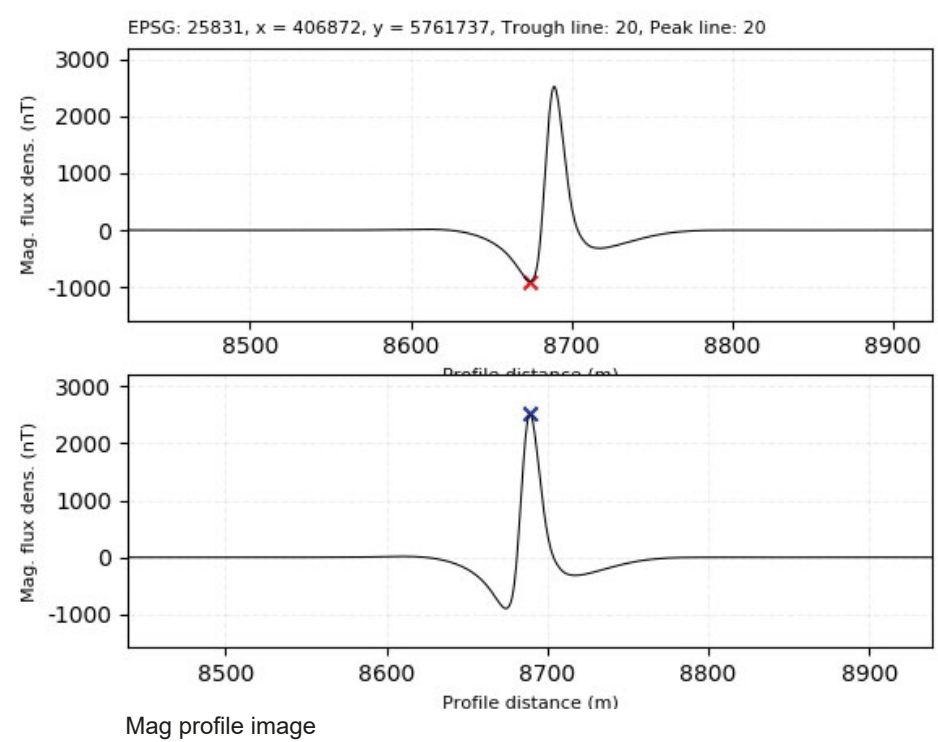
The larger geophysical dimensions in the most recent survey may indicate the wreck has collapsed, degraded further, or become more exposed since 2019. The wreck is situated in an area of mobile sediments and it may periodically be buried. There is associated debris identified in the vicinity of the wreck and the substantial sediment accumulation on its south-western end may be burying further objects.



Sidescan sonar waterfall image of wreck **7232**, 70m range per channel

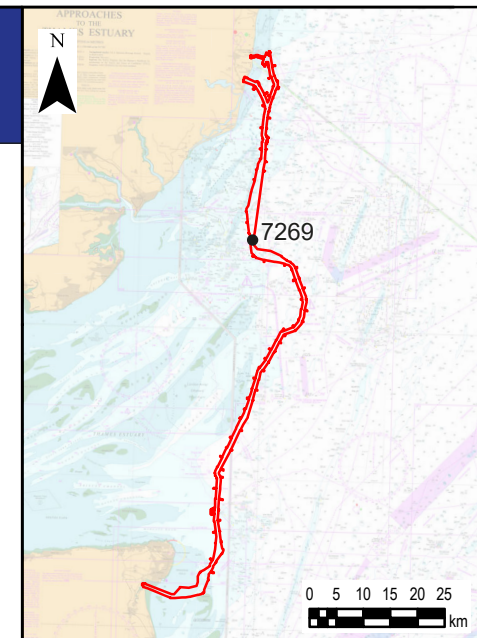


MBES grid image, x 1 vertical exaggeration, looking south

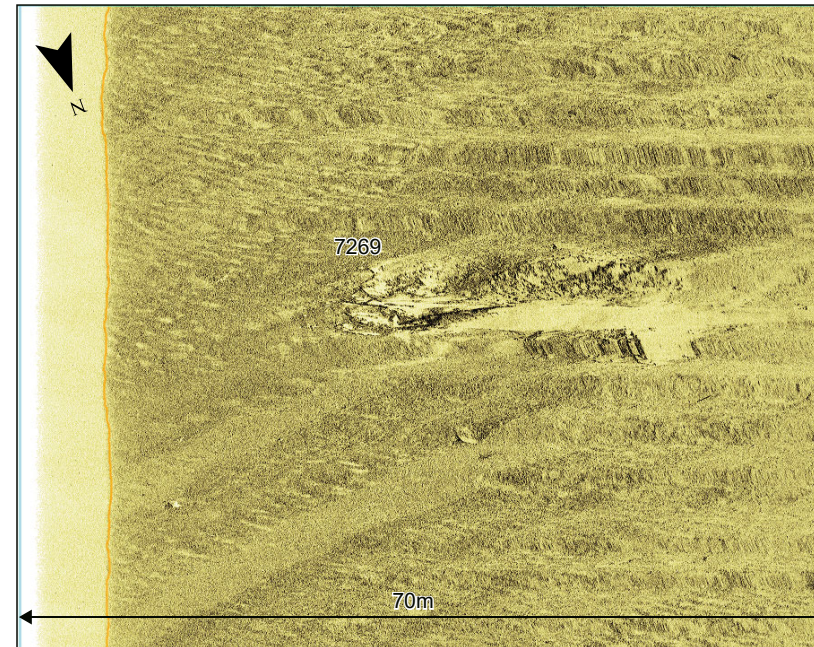


0	27/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: Wreck Sheet 6: Wreck 7232					
Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.20	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	

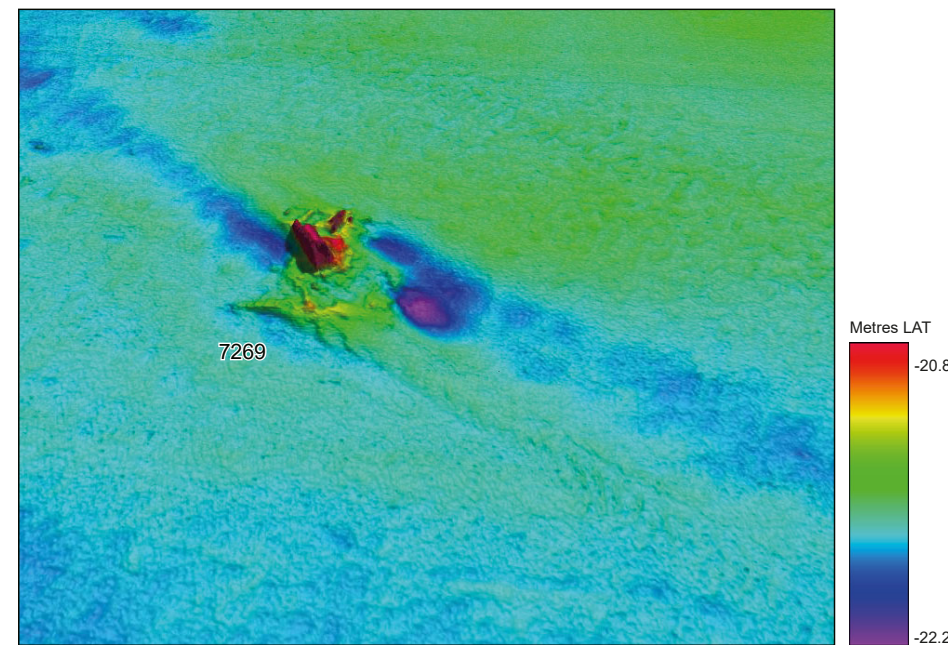
Location	406448 E 5750777 N	Area	Sea Link Offshore Block 3
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7269 is a recorded wreck and corresponds with UKHO (14599) and NMHR (908160) records for UC11 (Possibly).		
	<p>The wreck is visible in the SSS data as a thick, elongate and slightly intermittent dark reflector with bright shadows interpreted to be the hull. Within this, multiple linear, curvilinear and angular objects are visible. The wreck measures 43.5 x 20.7 x 3.2m and associated debris has been identified in the vicinity.</p> <p>In the MBES data the wreck is visible as a spread of angular, linear and curvilinear mounds. The largest mound is rectangular, with steep sides and a flat thin peak measuring 13.6 x 4.3 x 3.0m, and may be the conning tower or a rudder. Some objects are very distinct, and others may be partially buried. The wreck has scouring associated orientated north and south for a maximum of 28.0m and is 0.5m deep.</p> <p>The wreck has a very large magnetic anomaly associated with it, measuring 5,114nT, indicating substantial ferrous material is present</p>		
Build	Type	Submarine	
	Construction	Steel	
	Dimensions (m)	34.1 x 3.0m	
	Shipyard	Vulkanwerke, Hamburg	
Loss	Cause	Mine	
Extent of Survival	Recorded as UC11 (Possibly) in the UKHO and NMHR records, a German minelaying submarine that sank in 1918 after running into one of its own mines. The wreck is reported as being upturned, with a strong magnetic anomaly associated. The wreck was last surveyed in 2016 and described as being broken up with dimensions of 27.0 x 11.0 x 4.3m. The UKHO record suggests that the wreck may have been salvaged in the past.		
	In the 2021 geophysical data the wreck appears to be degraded and broken up. One piece of superstructure is visible, possibly the conning tower, although the UKHO record suggests the wreck is upturned, so may be a rudder, the hull is also highly degraded. The wreck is situated in an area of mobile sediments and it may periodically be buried. Associated debris has been identified in the vicinity of the wreck and there is potential for further debris to be buried.		



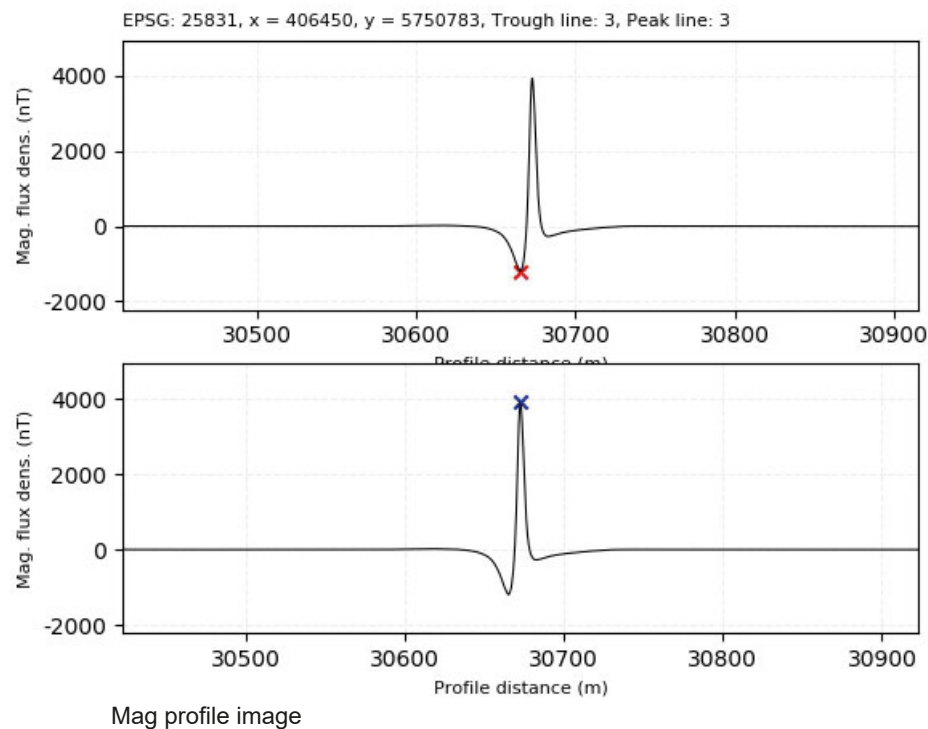
Legend
 Marine archaeology study area



Sidescan sonar waterfall image of wreck **7269**, 70m range per channel



MBES grid image, x 1 vertical exaggeration, looking east

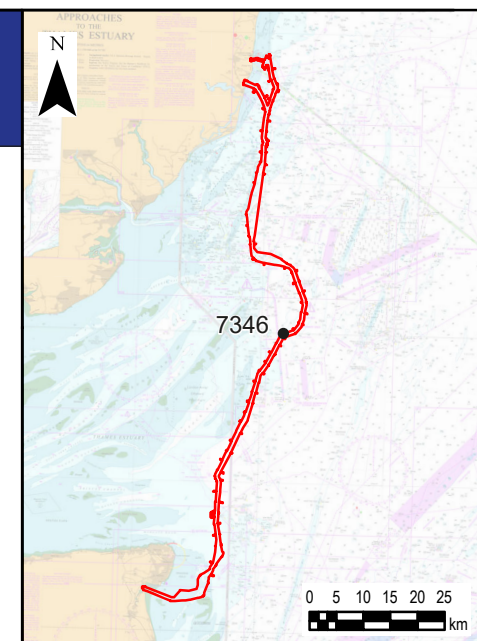


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Rev	Date	Description	GIS	Chk	App

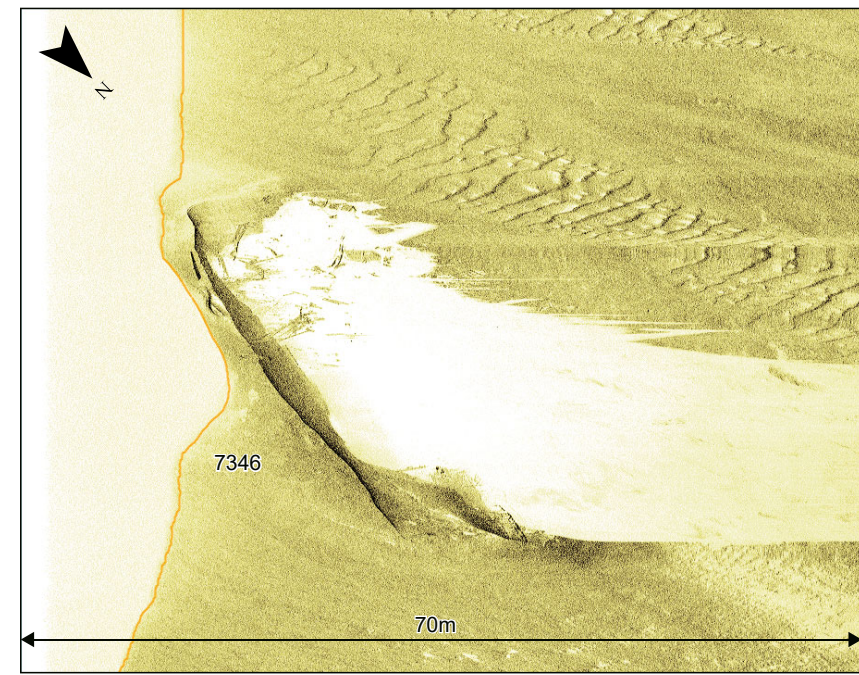
nationalgrid

Scheme: SEA LINK					
Document Title: Wreck Sheet 7: Wreck 7269					
Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.21	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	

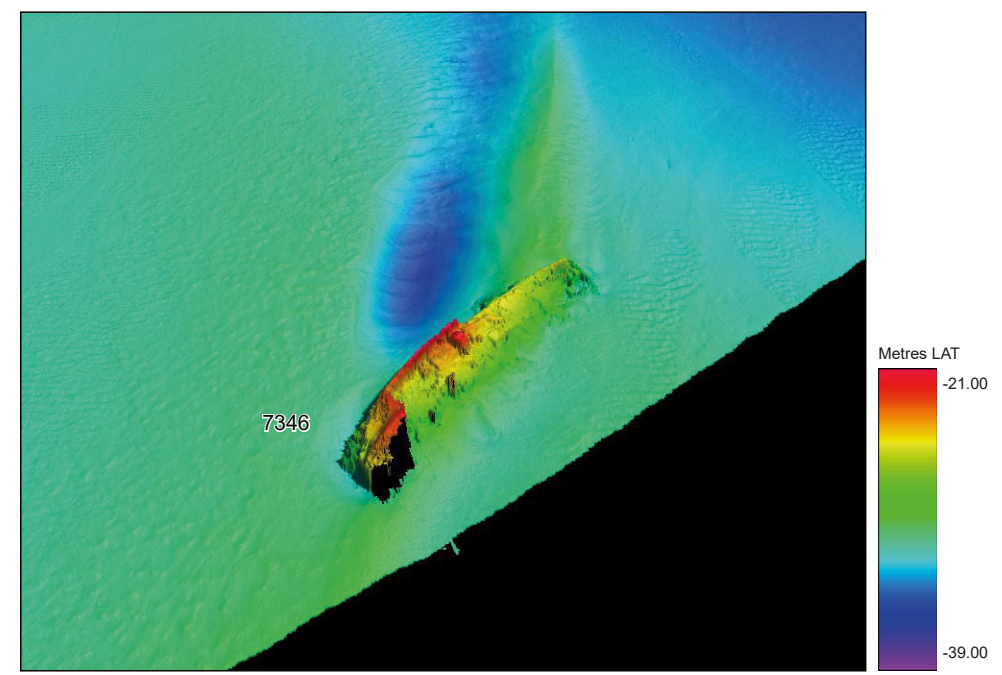
Location	412020 E 5733762 N	Area	Sea Link Offshore Block 3
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7346 is a recorded wreck that corresponds with the UKHO (14419) and NMHR (802191) records for <i>Salerno</i> (Possibly). In the SSS data one edge of the hull is visible as a distinct long and thick dark reflector with a very large, bright and uneven shadow, indicating uneven height. Within the hull there are multiple indistinct elongate and linear dark reflectors, indicating the wreck is upright and has some surviving deck structure. The wreck measures 97.0 x 25.2 x 11.1m and is orientated north-east to south-west on the seabed, it is situated within an area of mobile sediments.		
	In the MBES data the wreck is upright but leaning over to one side, and the northern side of the wreck is not visible. The hull appears to be mostly intact, with collapsed structure on its south-west end with the northern edge of the wreck buried by sediments. In the centre of the deck a large square mound is visible measuring 8.7 x 4.2 x 4.0m. There are multiple linear and angular mounds across the deck and a large mound is present at the north-eastern end of the vessel indicating surviving superstructure and possibly a boiler. The wreck has significant scour to the south for over 200.0m and up to -6.0m deep and is surrounded by sediment accumulation which may be concealing the full extents of the wreck and possibly associated debris. The wreck has a very large Mag. anomaly associated with it, measuring 1,659nT, indicating substantial ferrous material is present.		
Build	Type	Steam ship	
	Construction	Unknown, likely steel	
	Dimensions (m)	99.1 x 13.5 x 6.0m	
	Shipyard	Wood, Skinner & Co, Newcastle-Upon-Tyne	
Loss	Cause	Mine	
Extent of Survival	Recorded by the UKHO as <i>Salerno</i> (Possibly), a steam ship built in 1912 with two boilers and a triple expansion engine. The vessel struck a mine laid by UC3 in 1915. The wreck was last surveyed in 2016 and described as being broken up with a strong Mag. anomaly associated and dimensions of 95.0 x 22.0 x 11.7m.		
	In the 2021 geophysical data the wreck appears to be predominantly intact, although the south-west end has evidence of deterioration. It is situated within an area of large sand waves which may be concealing associated debris and may periodically bury the full extent of the wreck.		



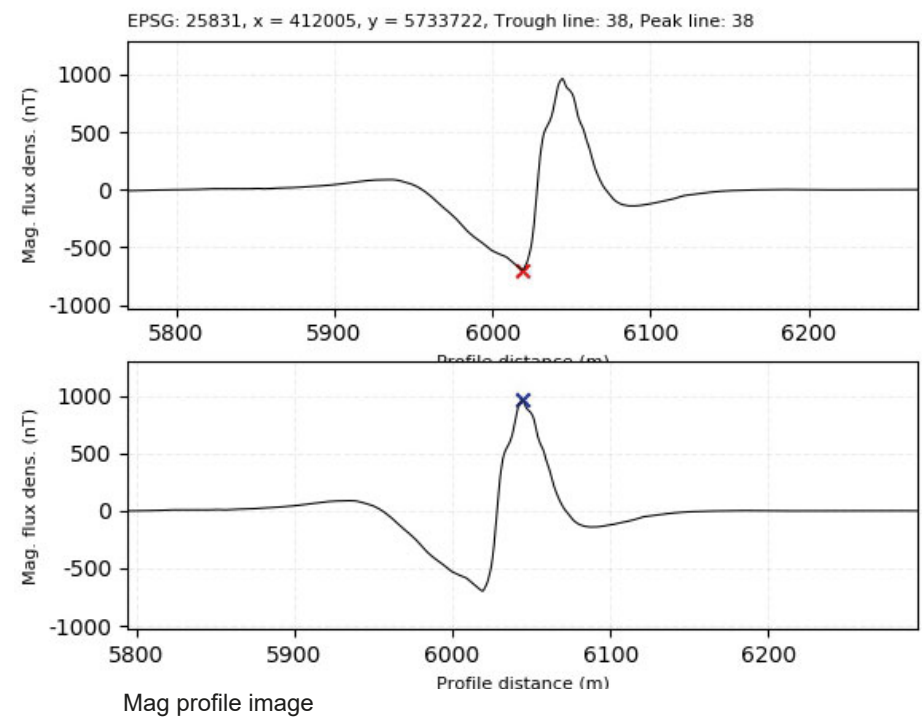
Legend
 Marine archaeology study area



Sidescan sonar waterfall image of wreck **7346**, measuring 70m range per channel

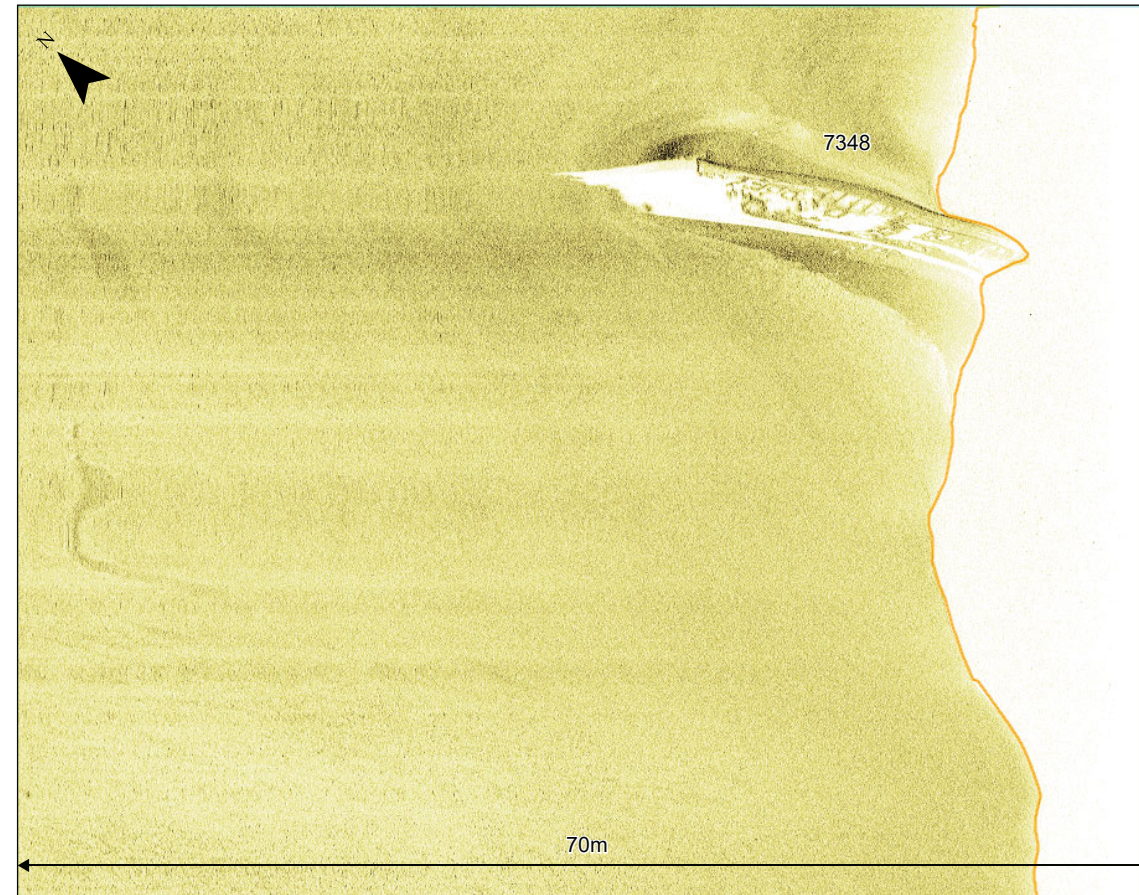


MBES grid image, x 1 vertical exaggeration, looking south

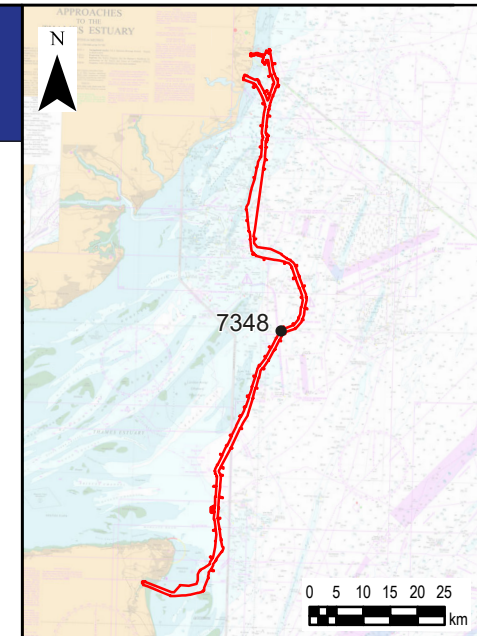


0	27/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: Wreck Sheet 8: Wreck 7346					
Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.22	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	

Location	411708 E 5733710 N	Area	Sea Link Offshore Block 3
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7348 is a recorded wreck that corresponds with a UKHO (14418) record for an unknown wreck and an NMHR record (802188) situated 30.0m north-west as the possible wreck of the <i>Volscian</i> .		
	The wreck is visible in the SSS data as a distinct curvilinear dark reflector with a bright uneven shadow, orientated NNW to SSE on the seabed. This is interpreted to represent the hull and appears to be intact. Within the hull, multiple distinct linear dark reflectors are visible; these slatted features potentially indicate surviving deck structure and that the wreck is upright on the seabed. The wreck measures 27.6 x 10.7 x 3.6m and is surrounded by scour and sediment accumulation. The wreck was not directly covered by the MBES or Mag. datasets; however a large Mag. anomaly measuring 182nT identified on the closest Mag. line 100.0m east may be associated.		
Build	Type	Unknown	
	Construction	Unknown	
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss Cause	Unknown		
Extent of Survival	Recorded by the UKHO as an unknown wreck, reported as being upright and in good condition, with recorded dimensions of 35.0 x 9.0 x 5.2m. The wreck was last surveyed in 2016 and reported as lying on a gently undulating seabed with a strong Mag. anomaly associated and scour of 100.0m length and up to 2.0m deep.		
	In the 2021 data the wreck appears to be intact and upright with some surviving deck structure visible. The wreck is situated within an area of mobile sediments that may periodically bury the wreck and any associated debris.		



Sidescan sonar waterfall image of wreck **7348**, 70m range per channel



Legend
 Marine archaeology study area

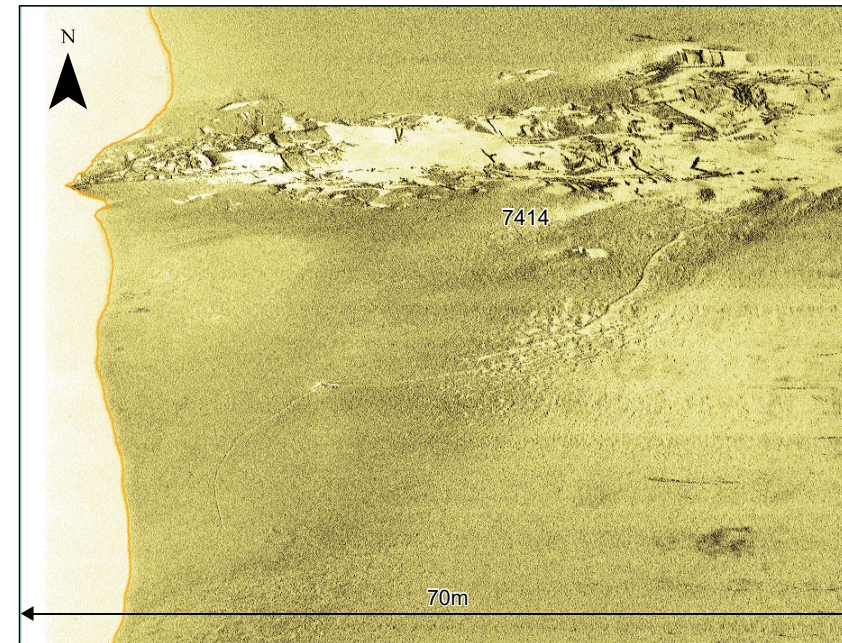
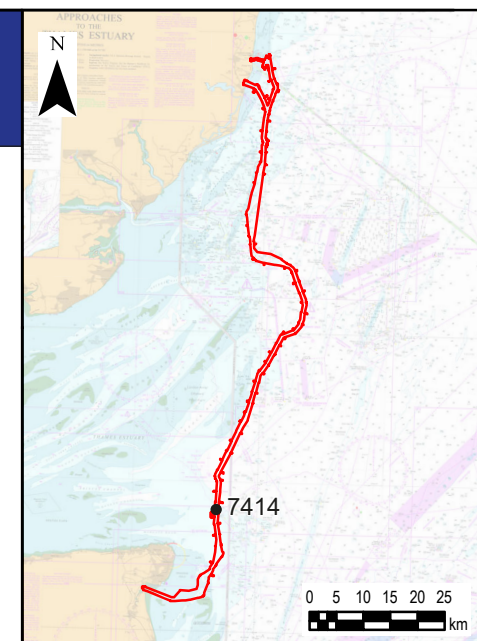
0	27/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App

nationalgrid

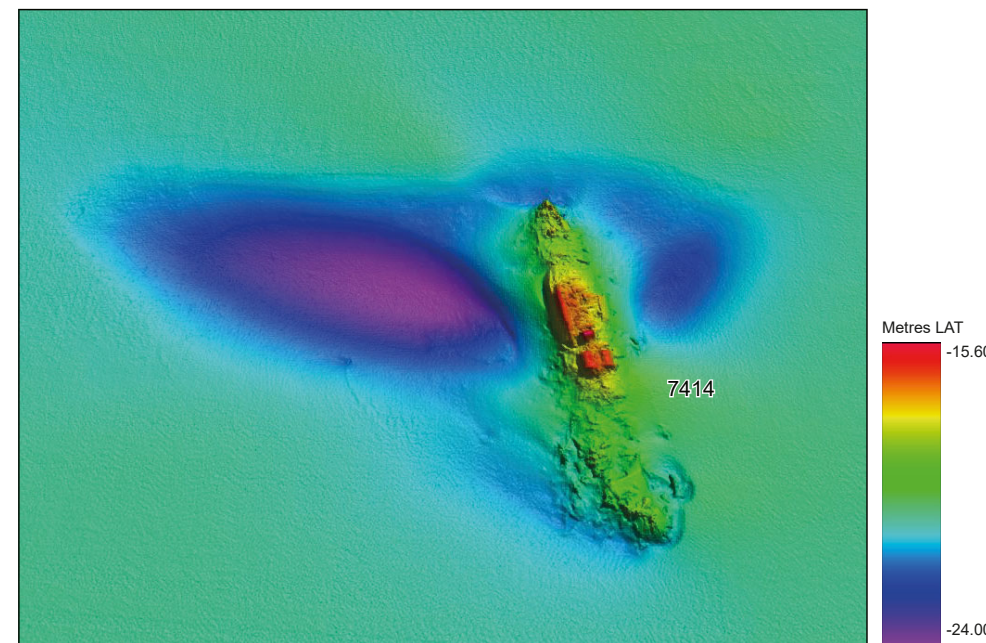
Scheme: SEA LINK
 Document Title: Wreck Sheet 9: Wreck 7348

Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.23	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	

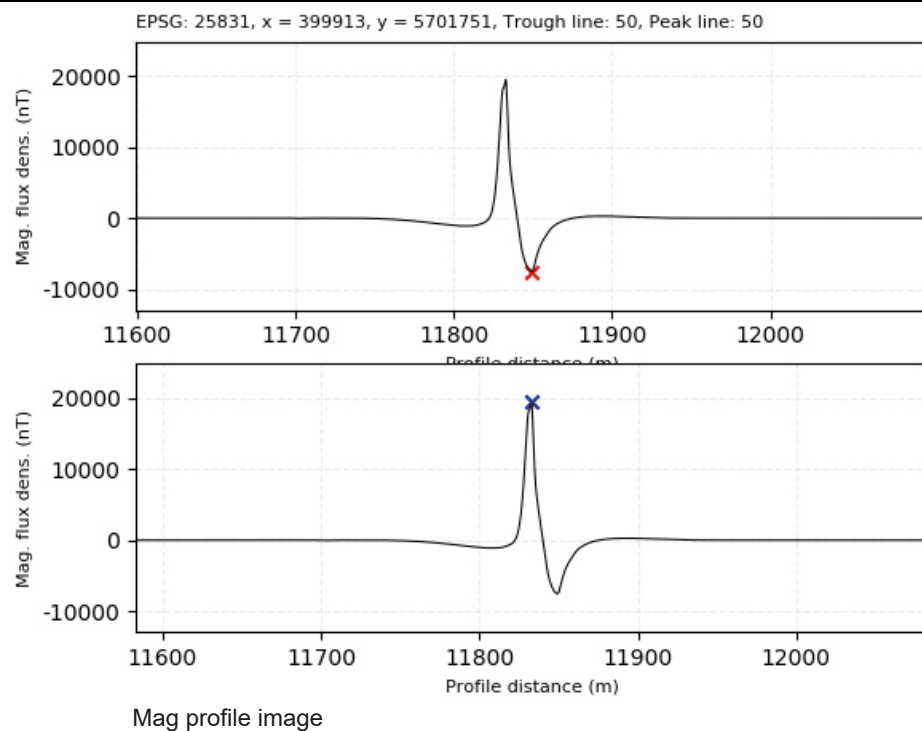
Location	399938 E 5701754 N	Area	Sea Link Offshore Block 4
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7414 is a recorded wreck that corresponds with the UKHO (13968) and NMHR (904723) records for <i>Saidieh</i> .		
	<p>In the SSS data the wreck is visible as a large spread of distinct linear and curvilinear dark reflectors with bright shadows. The wreck is upright and measures 116.6 x 36.6 x 6.8m, there are slatted features visible internally, however no superstructure is identifiable. The wreck has a rope or chain that is either attached or snagged on the south-eastern edge. The hull of the wreck is not well defined, suggesting it is broken up.</p> <p>In the MBES dataset the wreck is orientated approximately ENE to WSW on a relatively featureless area of seabed. The wreck appears upright, but is highly degraded with a collapsed hull. Within the hull possible surviving deck structure is visible, comprising three distinct square shaped mounds in its centre with thin, linear mounds and smaller rounded and angular mounds across the deck. The wreck has significant sediment accumulation and scour to the north and south, with significant scour to the south measuring 140.0 x 54.0 x -5.2m, which may be burying collapsed structure and associated debris.</p> <p>The wreck has a very large Mag. anomaly associated with it, measuring 27,020nT, indicating substantial ferrous material is present.</p>		
Build	Type	Steam ship	
	Construction	Unknown, likely steel	
	Dimensions (m)	106.7 x 12.2 x 7.0m	
	Shipyard	Unknown	
Loss	Cause	Sunk by German submarine	
Extent of Survival	Recorded by the UKHO and NMHR as <i>Saidieh</i> , a 3303 gross ton steam ship built in 1878. The vessel was sunk in 1915 by UB6, a German submarine. The wreck was last surveyed in 2017 and described as being partially broken up and buried with dimensions of 112.5 x 21.1 x 5.8m.		
	The larger geophysical dimensions in the most recent survey may indicate the wreck has collapsed, degraded further, or become more exposed since 2017. The wreck is situated on a relatively featureless area of seabed, but it has substantial sediment accumulation around it and it may periodically be buried. Associated debris has been identified in the vicinity of the wreck and further debris may be buried.		



Sidescan sonar waterfall image of wreck 7414, 70m range per channel



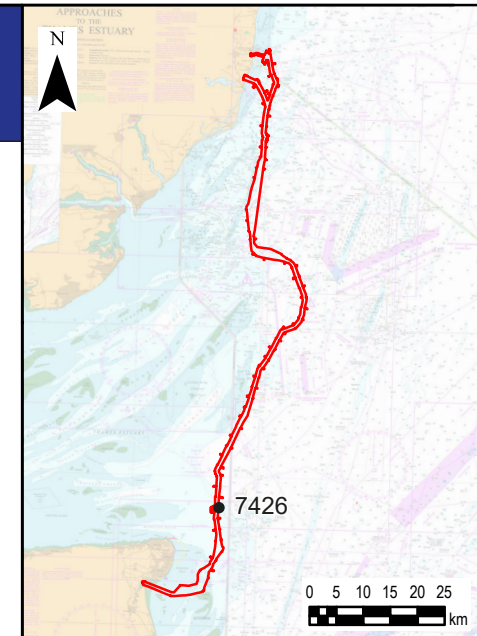
MBES grid image, x 1 vertical exaggeration, looking west



Legend
 Marine archaeology study area

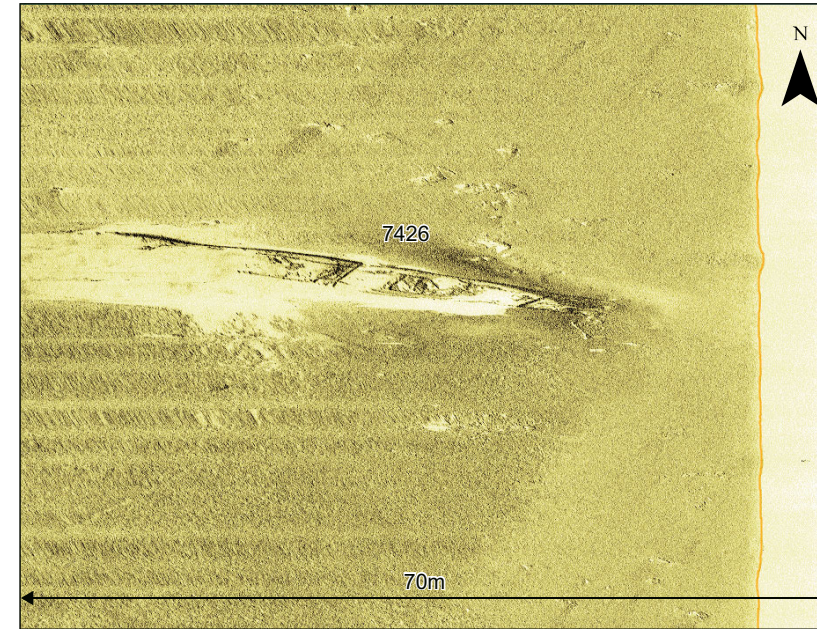
0	27/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: Wreck Sheet 10: Wreck 7414					
Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.24	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	

Location	399876 E 5700385 N	Area	Sea Link Offshore Block 4
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7426 is a recorded wreck that corresponds with the UKHO (13958) and NMHR (831796) records for an unknown wreck.		
	<p>The wreck is visible in the SSS data with a large, elongate and distinct curvilinear dark reflector with a bright uneven shadow, measuring 51.6 x 11.9 x 3.4m. This is interpreted to represent the hull, which appears to be intact. Within the hull, linear and curvilinear dark reflectors and some slatted features are visible that possible represent surviving deck structure. One end of the vessel is heavily degraded and may be buried.</p> <p>In the MBES data the stern of the wreck appears to be to the WNW and the bow to the ESE. The hull is mostly intact, however there is a dip visible in the centre of the wreck which may suggest it is broken in two. It appears slightly bowed and has large amounts of sediment accumulation at either side of the hull up to 5.0m high that may be burying its full extent. The wreck is upright with two triangular mounds visible in its centre that may be boilers. Some possible surviving deck structure is visible as linear mounds at the stern and small uneven angular mounds at the bow end of the vessel. The wreck is surrounded by scouring at the bow and stern up to 2.0m deep.</p> <p>The wreck has a very large Mag. anomaly associated with it, measuring 10,094nT, indicating substantial ferrous material is present.</p>		
Build	Type	Unknown	
	Construction	Unknown, likely steel	
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss	Cause	Unknown	
Extent of Survival	Recorded by the UKHO and NMHR as an unknown wreck that was last surveyed in 2017. The wreck was reported as being upright and intact with dimensions of 50.8 x 9.0 x 3.7m and with 25.0m of scour up to 2.7m deep.		
	The wreck appears to be mostly intact however evidence of collapse and burial is visible in the 2021 geophysical data. Several items of debris are visible surrounding the wreck suggesting it is degraded and a large mound identified at the stern suggests a large piece of the vessel may have broken off. The wreck is situated in an area of mobile sediments and it may periodically be buried.		

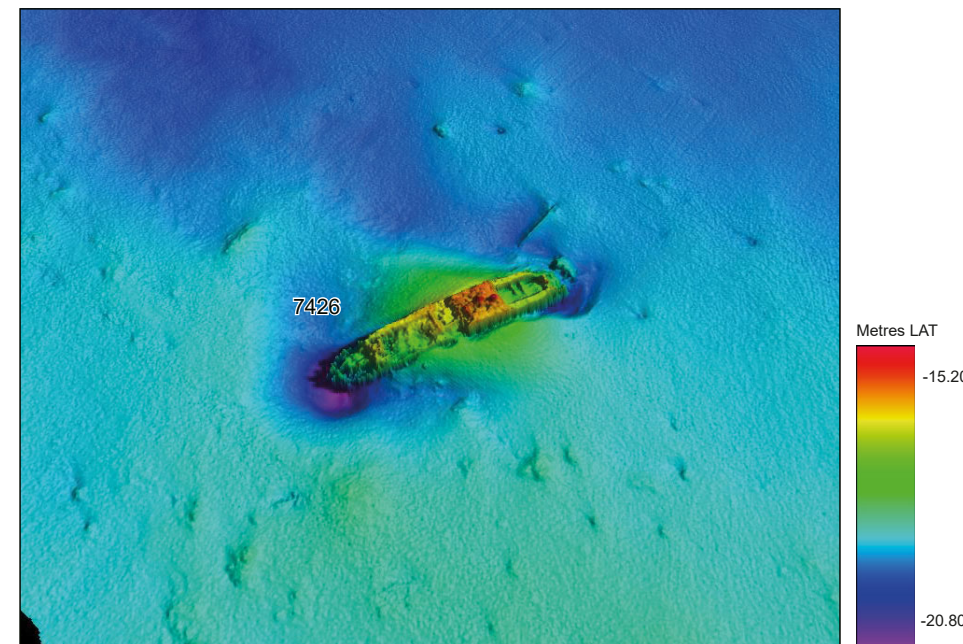


Legend

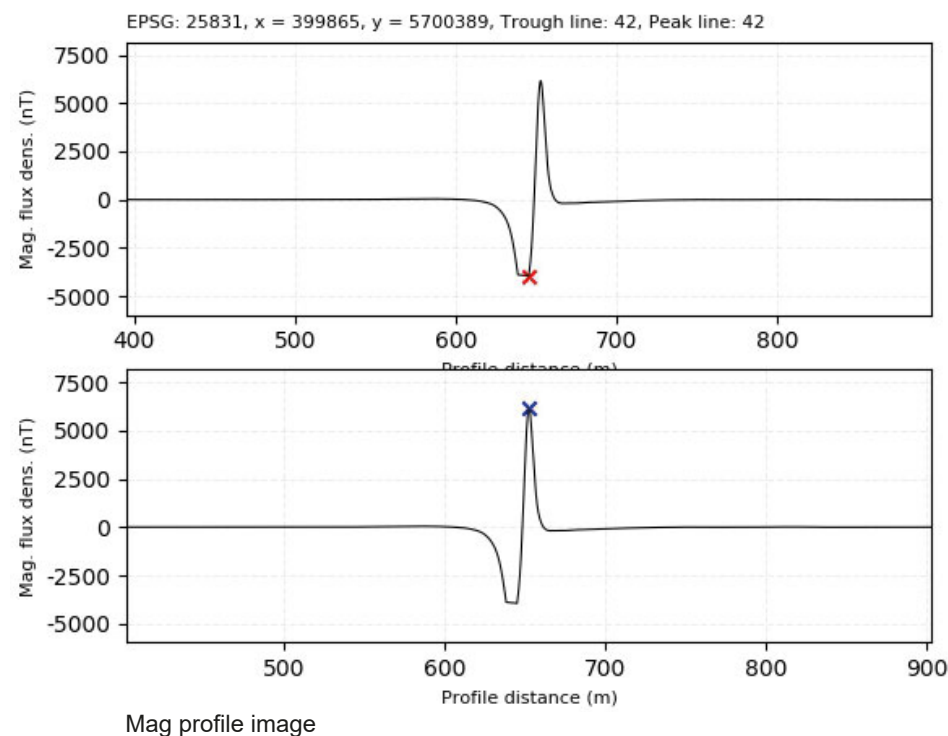
Marine archaeology study area



Sidescan sonar waterfall image of wreck **7426**, 70m range per channel



MBES grid image, x 1 vertical exaggeration, looking south-west

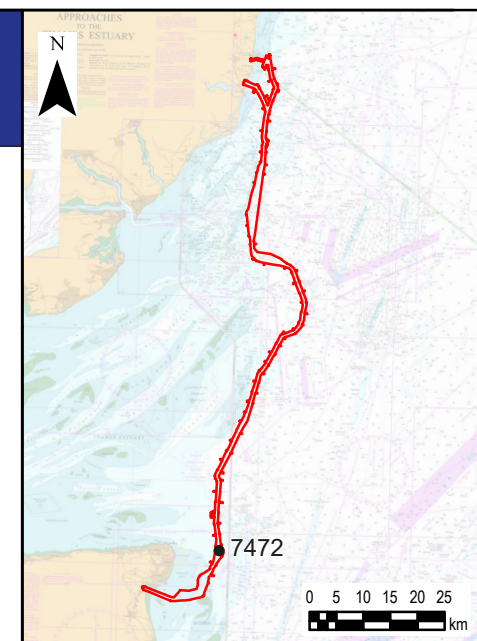


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Rev	Date	Description	GIS	Chk	App

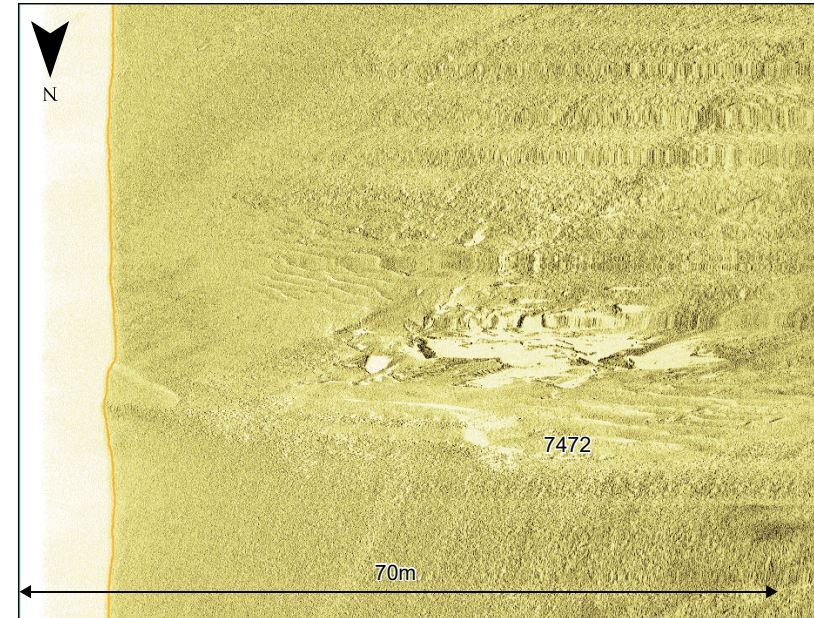
nationalgrid

Scheme: SEA LINK					
Document Title: Wreck Sheet 11: Wreck 7426					
Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.25	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	

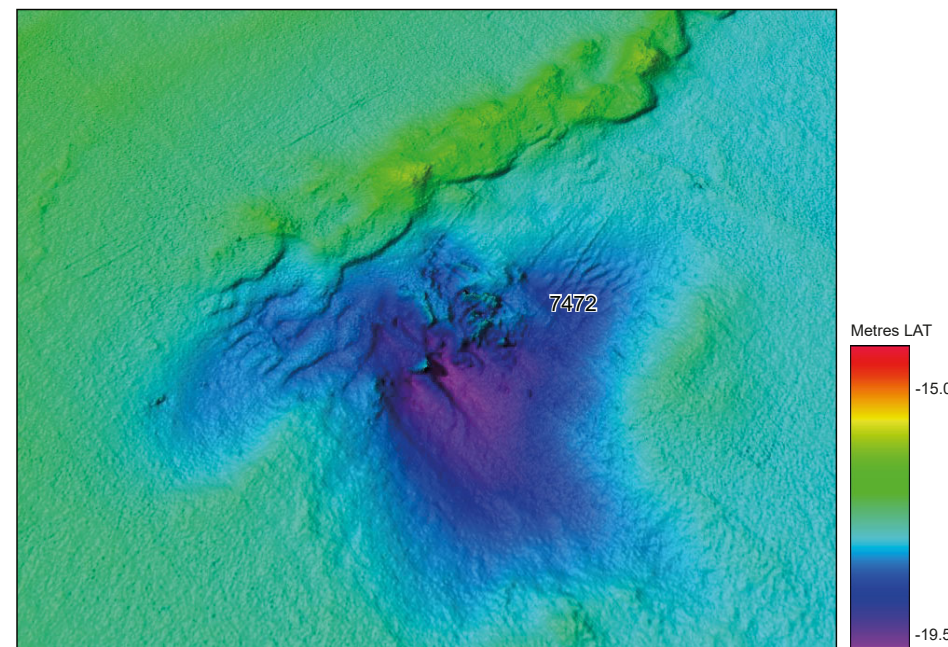
Location	400613 E 5693545 N	Area	Sea Link Offshore Block 4
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7472 is a recorded wreck that corresponds with the UKHO (14944) and NMHR (904908) records for <i>Selma</i> (Possibly). In the SSS data the wreck is visible as a large spread of elongate, angular and curvilinear dark reflectors with bright shadows. The hull is not distinct and there are no discernible internal features visible, suggesting the wreck is very broken up. The wreck measures 52.5 x 38.7 x 1.6m and is situated in an area of mobile sediments, indicating the full extent of the wreck may be buried.		
	In the MBES data the wreck is visible as a group of elongate, angular and rounded objects situated within depressions. The largest linear object measures 7.7 x 2.8 x 0.6m and a large angular mound at the western end of the wreck measures 4.1 x 2.8m; this has a very flat peak and steep edges, and some data points are missing which may suggest its peak is overhanging the edge of the main structure. Large scouring is visible to the south of the wreck measuring 24.0m long and 0.6m deep. The wreck is surrounded by sand waves and there is some outcropping geology to the north. The wreck has a very large Mag. anomaly associated with it, measuring 5,443nT, indicating substantial ferrous material is present.		
Build	Type	Steam ship	
	Construction	Unknown, likely steel	
	Dimensions (m)	82.3 x 11.9 x 5.5m	
	Shipyard	Unknown	
Loss	Cause	Mined	
Extent of Survival	Recorded in the UKHO and NMHR databases as <i>Selma</i> (Possibly), a 1654 gross ton steam ship that was sunk by a mine in 1915. The wreck was last surveyed in 2018 and reported as consisting of broken and dispersed debris in scour with dimensions of 30.0 x 23.3 x 0.8m.		
	The larger geophysical dimensions in the most recent survey may indicate the wreck has collapsed, degraded further, or become more exposed since 2018. The wreck is very broken up and degraded and is situated in an area of mobile sediments, suggesting it may periodically be buried. An associated debris field has been identified to the north-west of the wreck and more debris may be buried in the vicinity.		



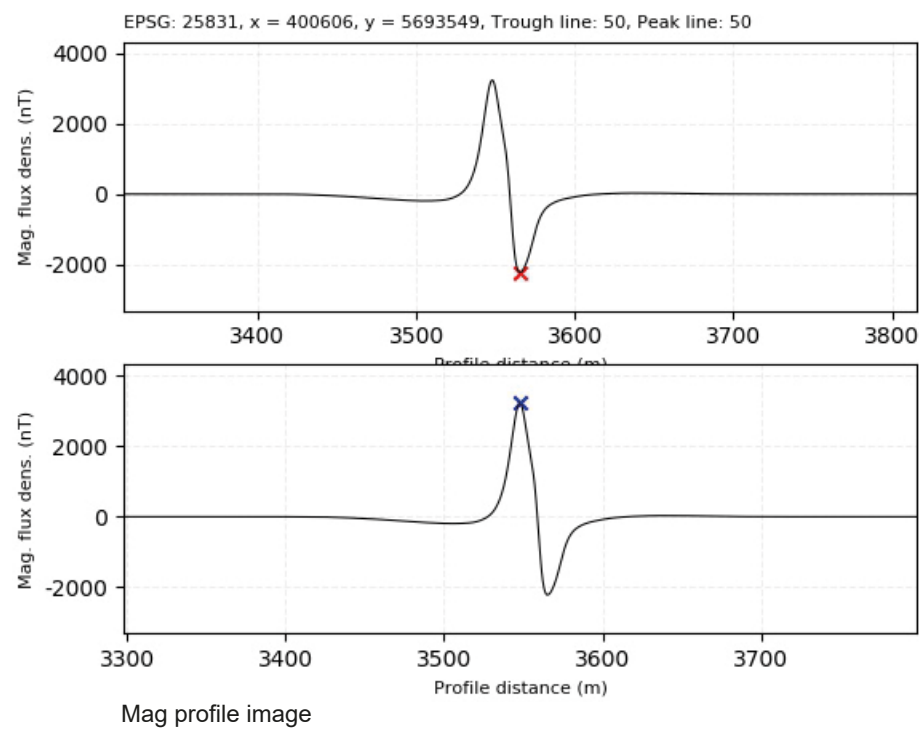
Legend
 Marine archaeology study area



Sidescan sonar waterfall image of wreck **7472**, 70m range per channel



MBES grid image, x 1 vertical exaggeration, looking north-east

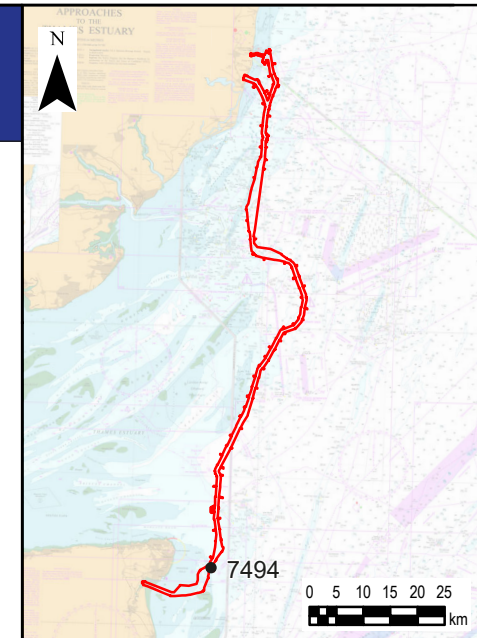


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Rev	Date	Description	GIS	Chk	App

nationalgrid

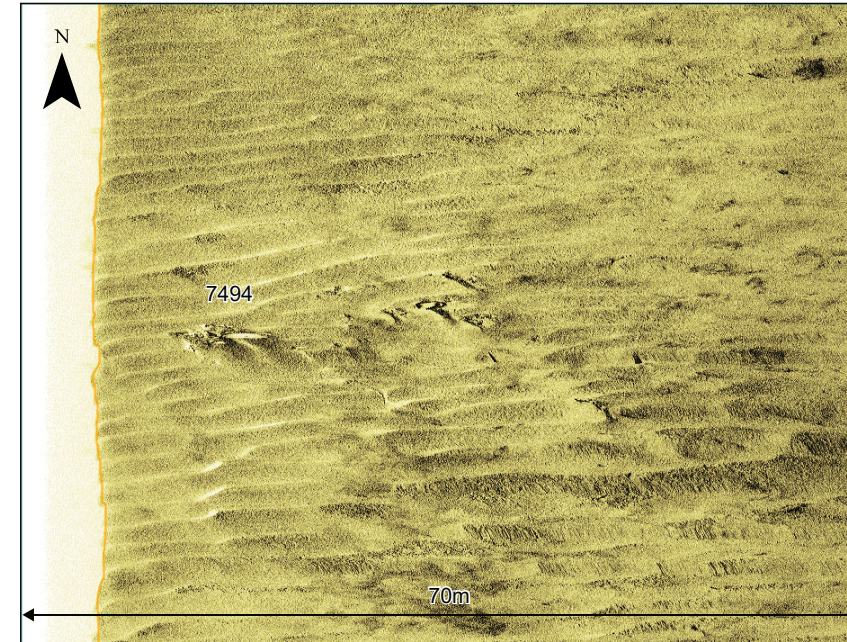
Scheme: SEA LINK					
Document Title: Wreck Sheet 12: Wreck 7472					
Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.26	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	

Location	398780 E 5690035 N	Area	Sea Link Offshore Block 4
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7494 is a recorded wreck that corresponds with UKHO record 15175, <i>Klar</i> .		
	<p>In the SSS data the wreck is visible as large spread of highly anomalous rounded, curved, linear and angular dark reflectors with shadows of varying heights. The wreck measures 51.3 x 42.2 x 1.0m and is situated within an area of sand waves, suggesting the potential for further debris to be buried in the vicinity.</p> <p>In the MBES data the wreck is visible as an area of disturbed seabed comprising three compact groups of distinct mounds within mobile sediments. An elongate object is visible measuring 2.2 x 1.2m and the largest mound measures 2.8 x 1.8m. Smaller rounded and angular mounds are also visible and the feature has scouring to the south for 13.0m and up to 0.4m deep.</p> <p>The wreck has a very large Mag. anomaly associated with it, measuring 8,421nT, indicating substantial ferrous material is present.</p>		
Build	Type	Steam Ship	
	Construction	Unknown, likely steel	
	Dimensions (m)	45.7 x 7.6 x 5.2m	
	Shipyard	Unknown	
Loss	Cause	Mine	
Extent of Survival	Recorded by the UKHO as <i>Klar</i> , a 518 gross ton steam ship that struck a mine and sank on passage from Tyne to Rouen in 1915. The wreck was last identified in 1997 with measurements of 50.0 x 45.0 x 1.0m with scour extending for 65.0m. The wreck was not identified in a MBES survey in 2018 and the record was amended to dead.		
	In the 2021 geophysical data the wreck appears very broken up and degraded with no identifiable structure visible. The wreck is situated within sand waves and may be periodically buried, which may explain why it was not identified in 2018.		

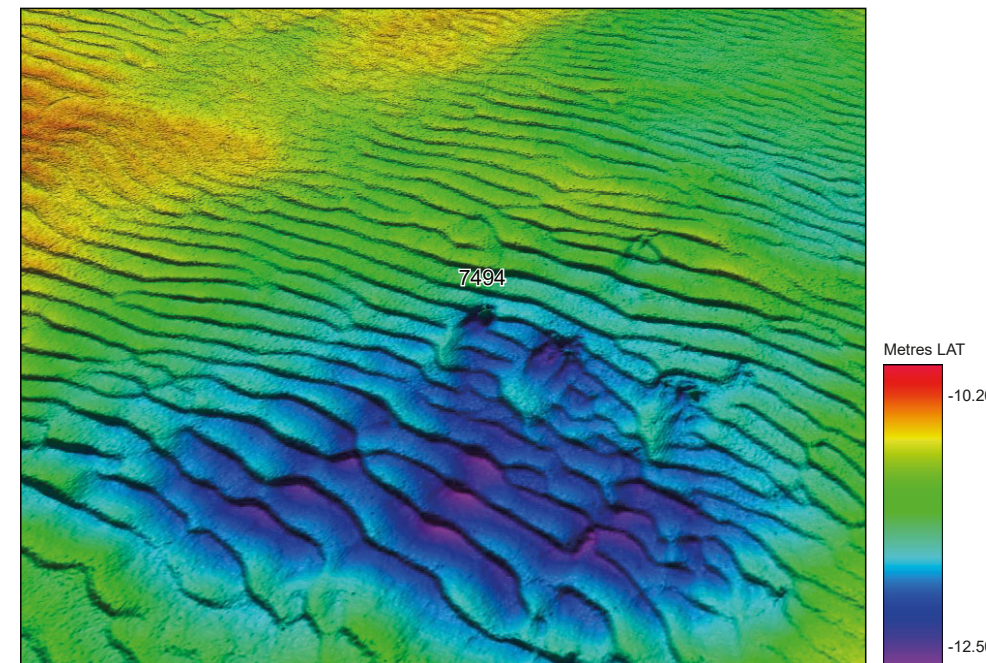


Legend

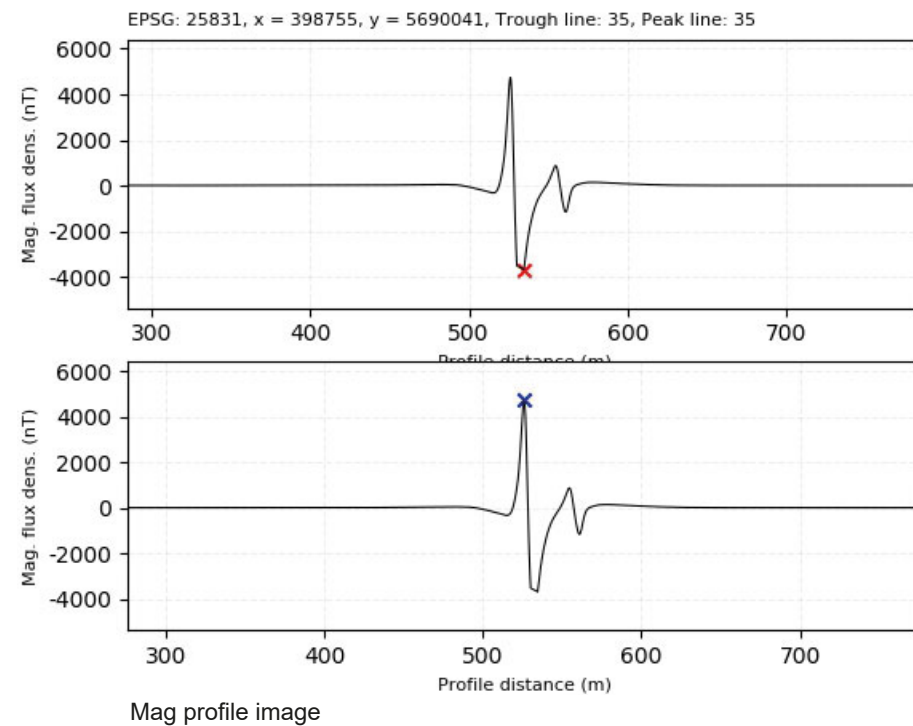
Marine archaeology study area



Sidescan sonar waterfall image of wreck **7494**, 70m range per channel



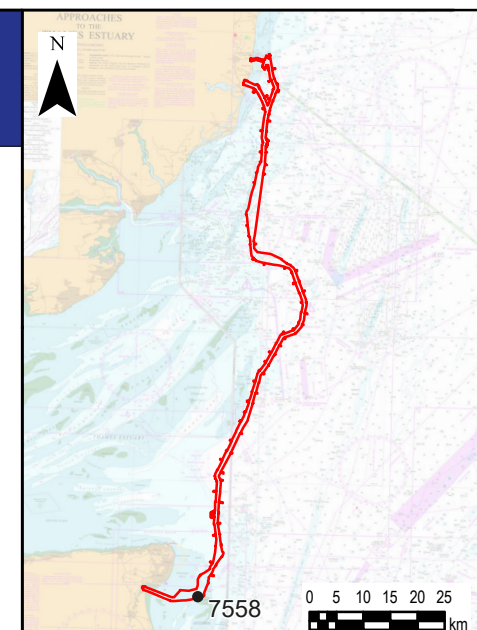
MBES grid image, x 1 vertical exaggeration, looking north-west



0	27/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App

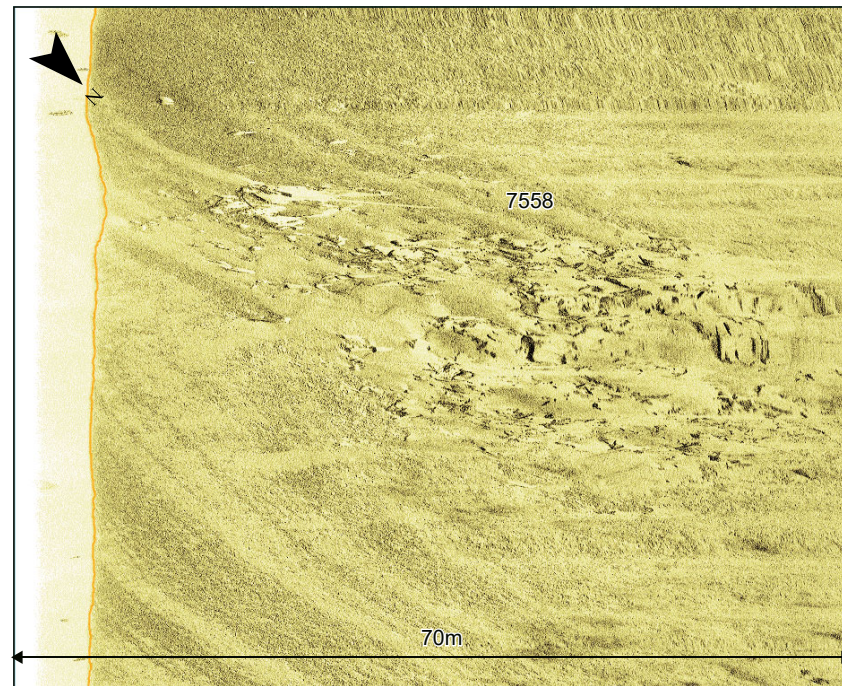
nationalgrid

Scheme: SEA LINK					
Document Title: Wreck Sheet 13: Wreck 7494					
Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.27	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	

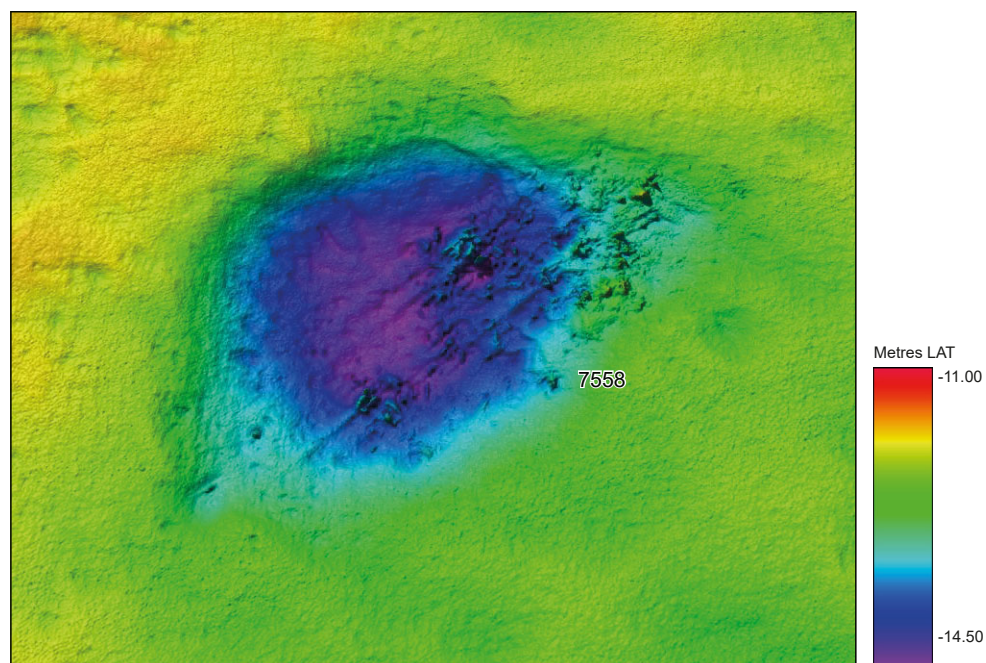


Legend
 Marine archaeology study area

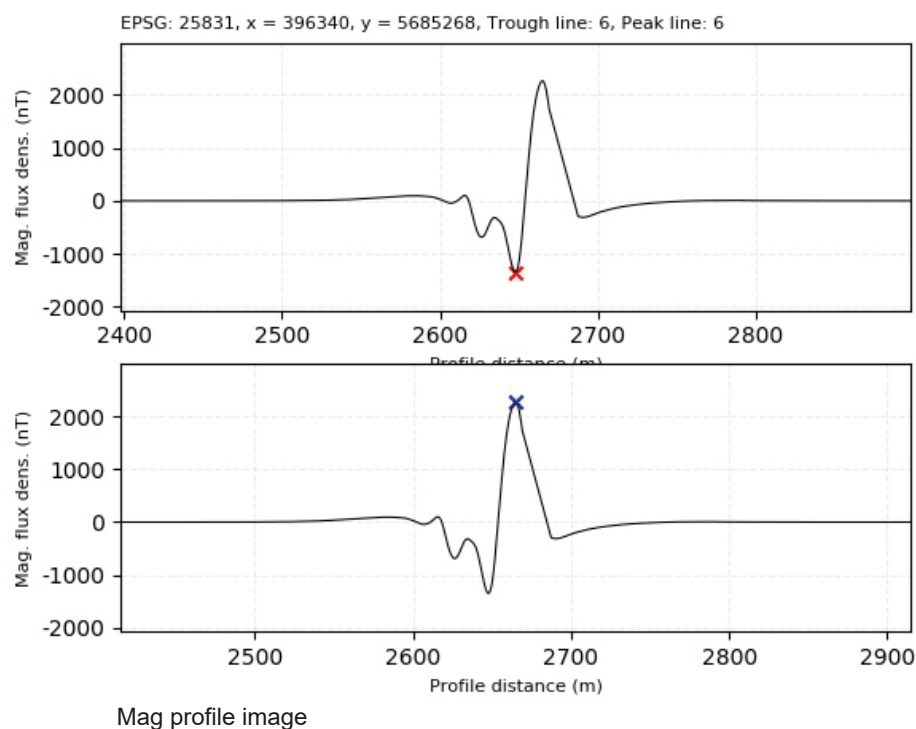
Location	396356 E 5685266 N	Area	Sea Link Offshore Block 5
Archaeological Importance	High		
Geophysical survey dimensions and notes	Wreck 7558 is a recorded wreck that corresponds with the UKHO (13837) and NMHR (904884) records for the steam ship <i>Bravore</i> .		
	The wreck is visible in the SSS data as a large cluster of densely packed angular, irregular and linear dark reflectors with bright shadows. The hull is not discernible and there is no identifiable superstructure, suggesting the wreck is highly degraded. The wreck measures 106.1 x 49.5 x 3.1m and associated debris has been identified in the vicinity.		
	In the MBES dataset the wreck is visible as a large area of disturbed seabed situated in a large depression or scour up to approximately 2.0m deep, and comprising numerous angular and rounded mounds and smaller depressions.		
	The wreck has a very large Mag. anomaly associated with it, measuring 3,614nT, indicating substantial ferrous material is present.		
Build	Type	Steam ship	
	Construction	Unknown, likely steel	
	Dimensions (m)	71.6 x 11.6 x 4.9m	
	Shipyard	Unknown	
Loss	Cause	Mine	
Extent of Survival	Recorded in the UKHO and NMHR databases as <i>Bravore</i> , a 1458 gross ton steam ship with two boilers and a triple expansion engine that sank in 1940 after striking a mine laid by a German submarine. The wreck was last surveyed in 2016 and reported as being a circular area with debris within. The wreck had a strong Mag. anomaly associated and dimensions of 80.5 x 44.9 x 3.6m with a large scour measuring 121.0m and 1.5m deep.		
	In the 2021 data the wreck is very broken up and dispersed with no identifiable structure or hull visible. The wreck has associated sediment accumulation visible that may be burying further debris.		



Sidescan sonar waterfall image of wreck **7558**, 70m range per channel



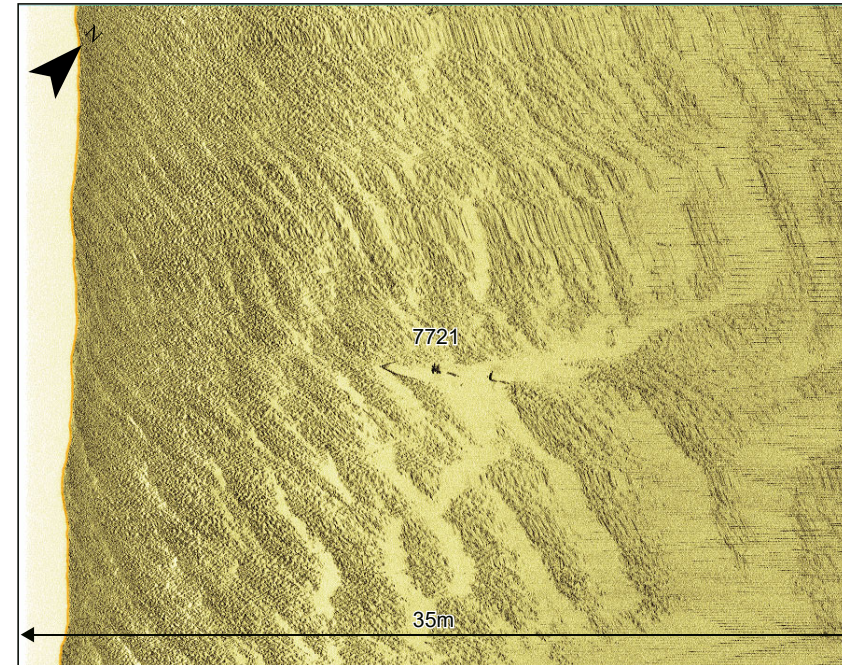
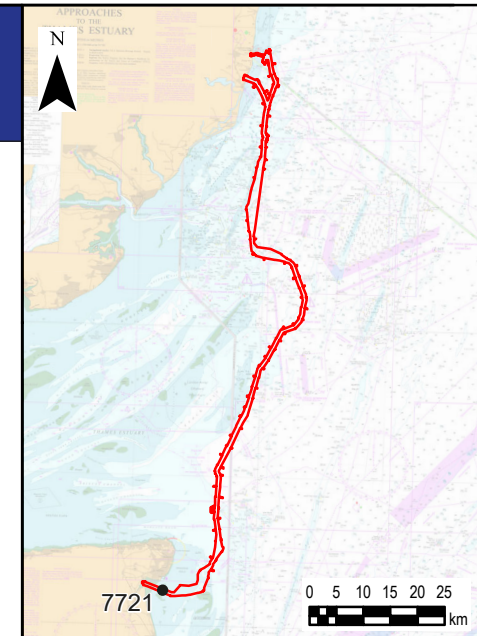
MBES grid image, x 1 vertical exaggeration, looking north



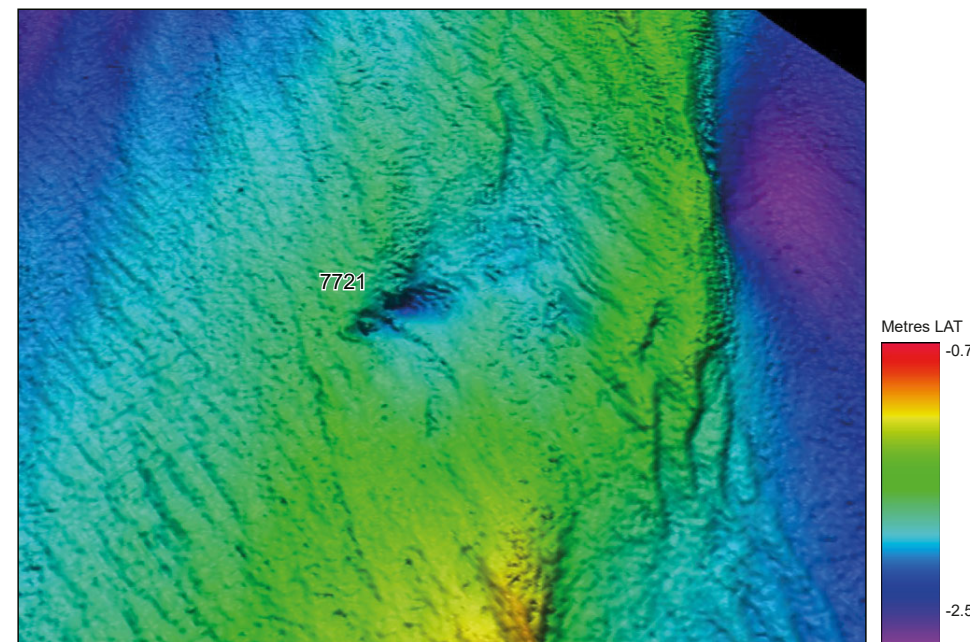
Mag profile image

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Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: Wreck Sheet 14: Wreck 7558					
Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.28	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	

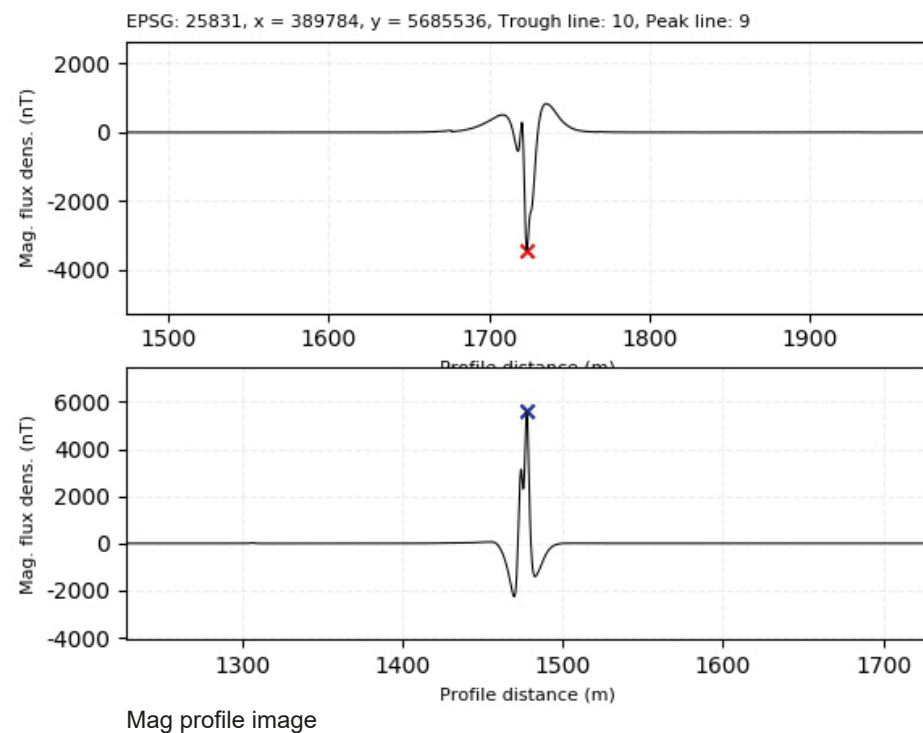
Location	389778 E 5685519 N	Area	Sea Link Nearshore S5
Archaeological Importance	High		
Geophysical survey dimensions and notes	<p>Wreck 7721 is a recorded wreck that corresponds with UKHO record 85569, an unknown wreck.</p> <p>In the SSS data the wreck is visible as an area of disturbed seabed with three distinct dark reflectors within; a thin right-angled object measuring 5.0 x 0.6m is visible, plus two smaller angular objects with slight shadows. The wreck measures 8.5 x 4.7 x 0.4m and is situated within an area of mobile sediments so the full extent is likely buried.</p> <p>In the MBES data the wreck is visible as a group of angular objects in the base of a large depression or seabed disturbance: the largest object measures 2.1 x 1.2 x 0.2m.</p> <p>The wreck has a very large Mag. anomaly associated with it, measuring 9,085nT, indicating substantial ferrous material is present.</p>		
Build	Type	Unknown	
	Construction	Unknown, likely steel	
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss Cause	Unknown		
Extent of Survival	<p>Recorded by the UKHO as an unknown wreck, first identified in 2016, and reported as being the possible remains of a barge. The wreck was last surveyed in 2019 with MBES dimensions of 37.4 x 3.9 x 0.9m.</p> <p>The wreck is highly broken up with no hull or structure discernable in the 2021 geophysical data. The previously reported dimensions and appearance suggest that this wreck has become almost completely buried in mobile sediments since 2019 and little can be said about its present condition.</p>		



Sidescan sonar waterfall image of wreck 7721, 35m range per channel



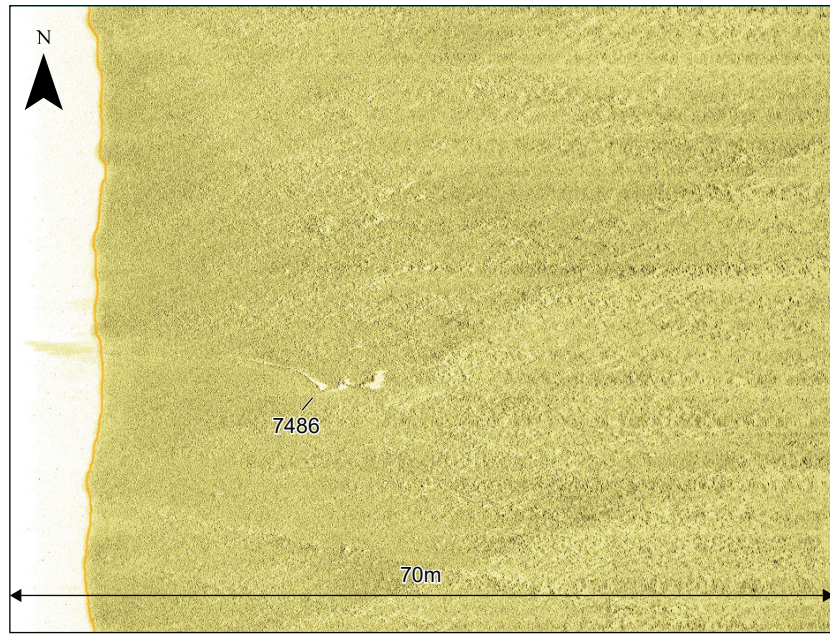
MBES grid image, x 1 vertical exaggeration, looking west



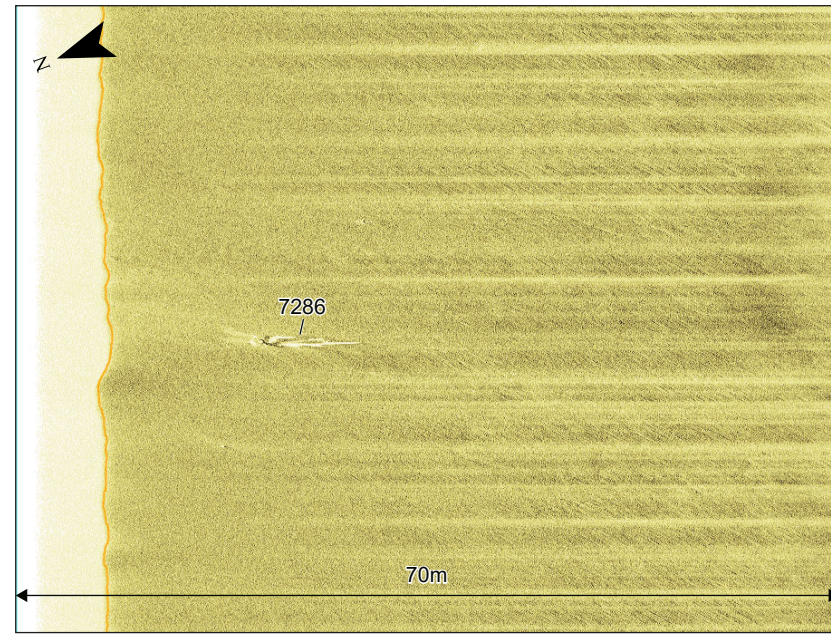
Legend

Marine archaeology study area

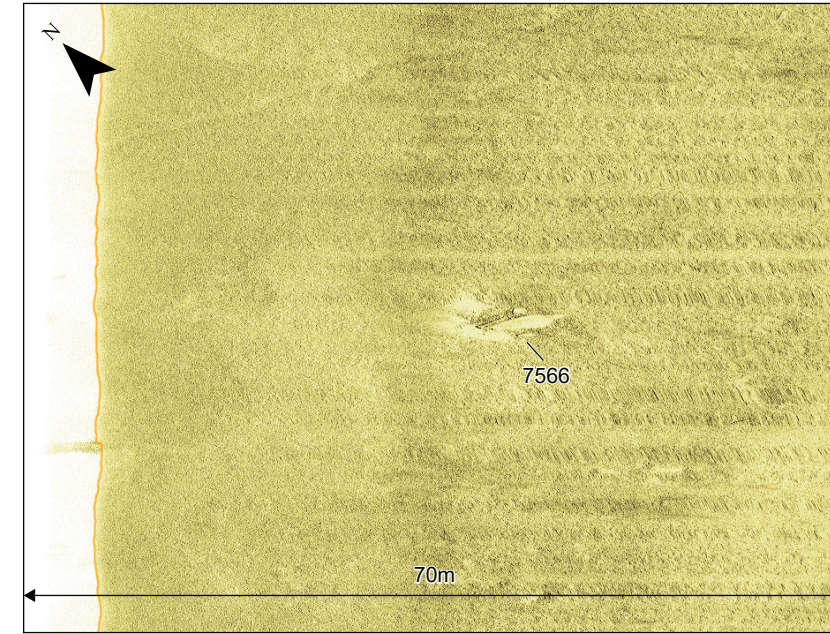
0	27/03/2023	PRELIMINARY ENVIRONMENTAL INFORMATION REPORT	KF	VL	EM
Rev	Date	Description	GIS	Chk	App
nationalgrid					
Scheme: SEA LINK					
Document Title: Wreck Sheet 15: Wreck 7721					
Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
Document Ref: FIGURE 4.7.A.29	Scale: Inset 1:1,400,000	Format: A3	Sheets: 15	Rev: 0	



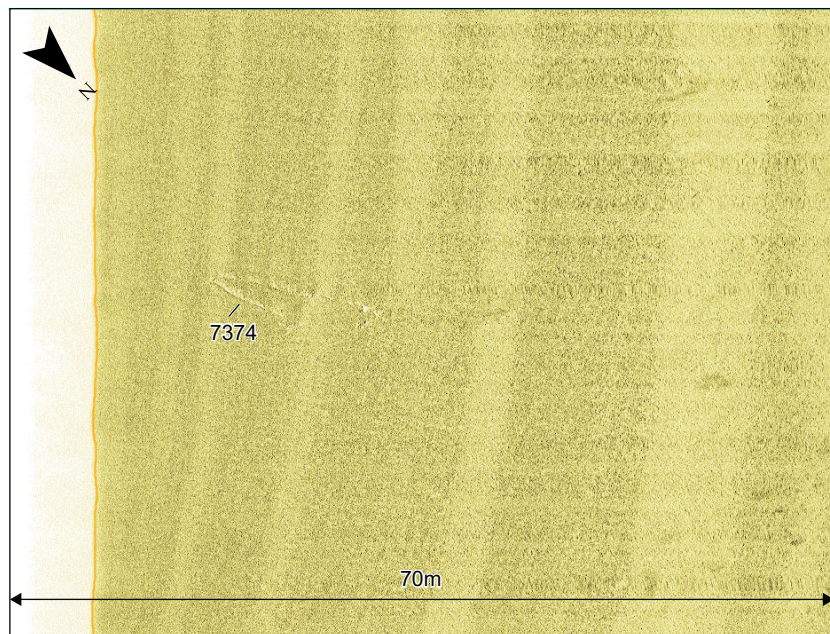
Sidscan sonar waterfall image of debris field **7486**, measuring 45.0 x 4.1 x 0.4m



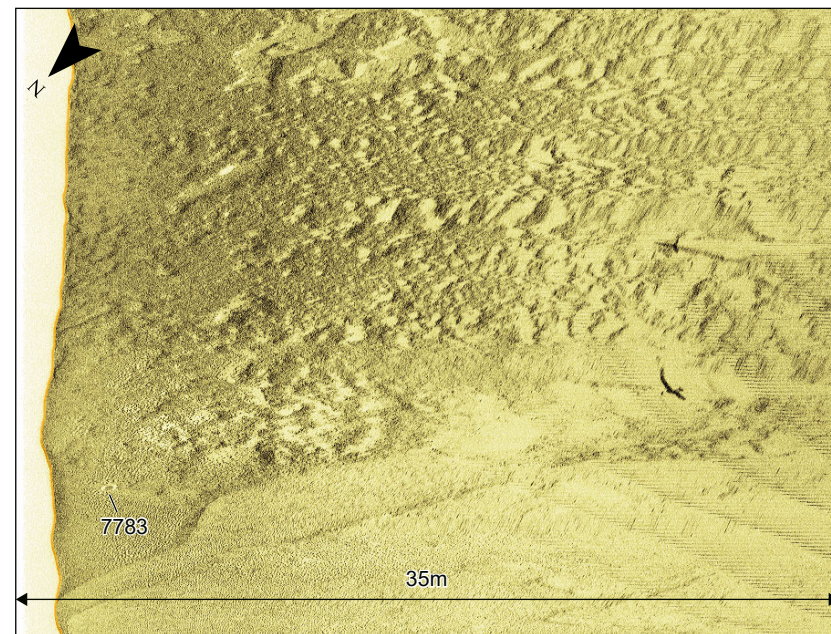
Sidscan sonar waterfall image of ferrous debris **7286**, measuring 5.1 x 4.1 x 1.4m



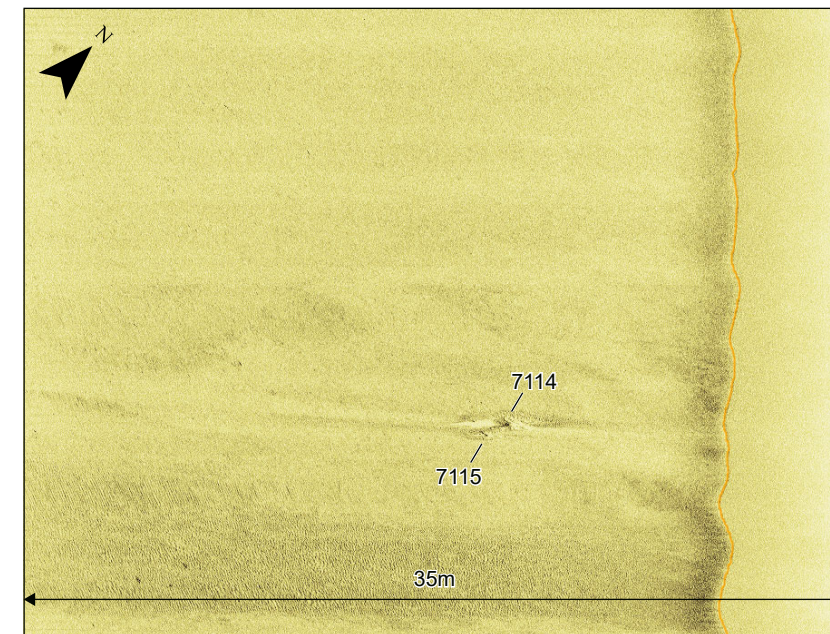
Sidscan sonar waterfall image of ferrous debris **7566**, measuring 8.0 x 2.1 x 0.5m



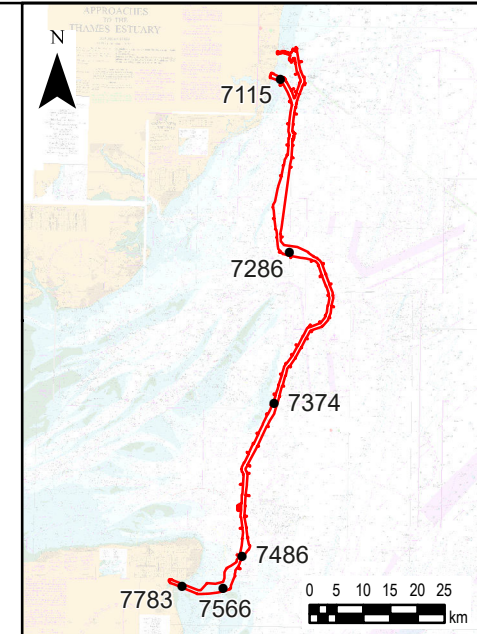
Sidscan sonar waterfall image of seabed disturbance **7374**, measuring 20.2 x 15.6 x 0.1m



Sidscan sonar image of bright reflector **7783**, measuring 0.7 x 0.6m



Sidscan sonar waterfall image of dark reflector **7115**, measuring 0.6 x 0.3 x 0.2m and ferrous debris **7114**, measuring 1.3 x 0.6 x 0.6m



Legend

Marine archaeology study area

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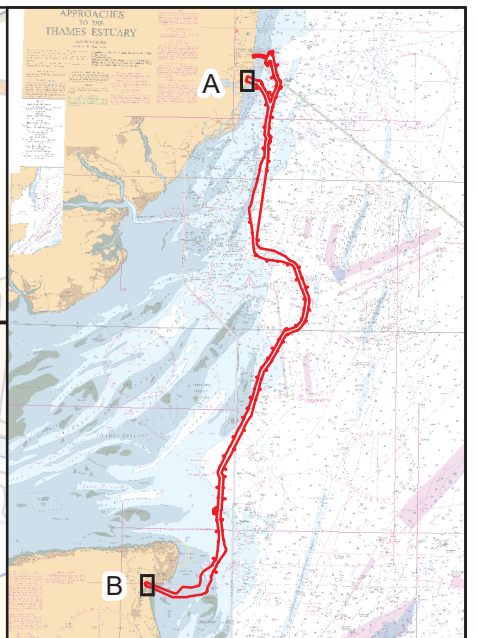
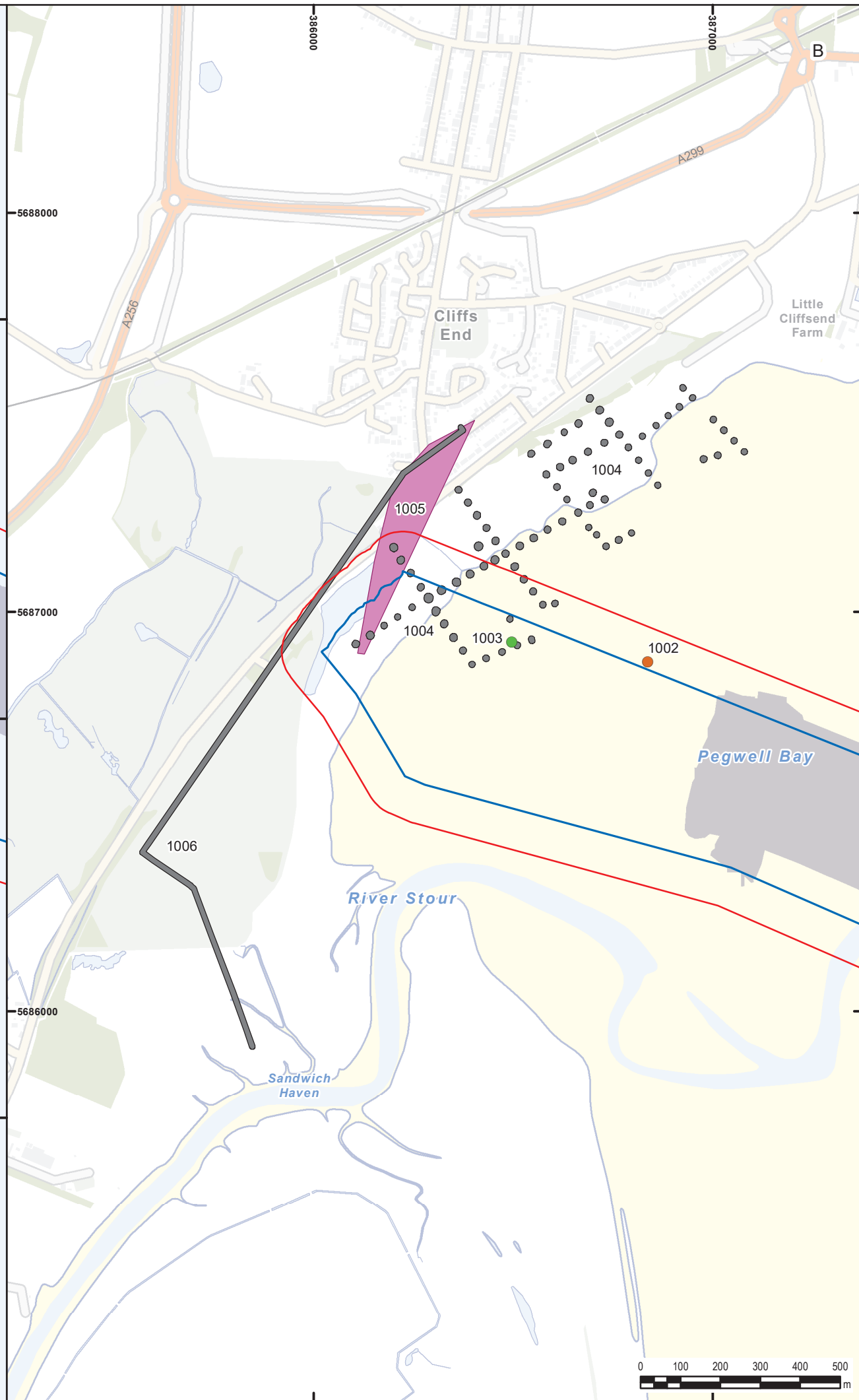
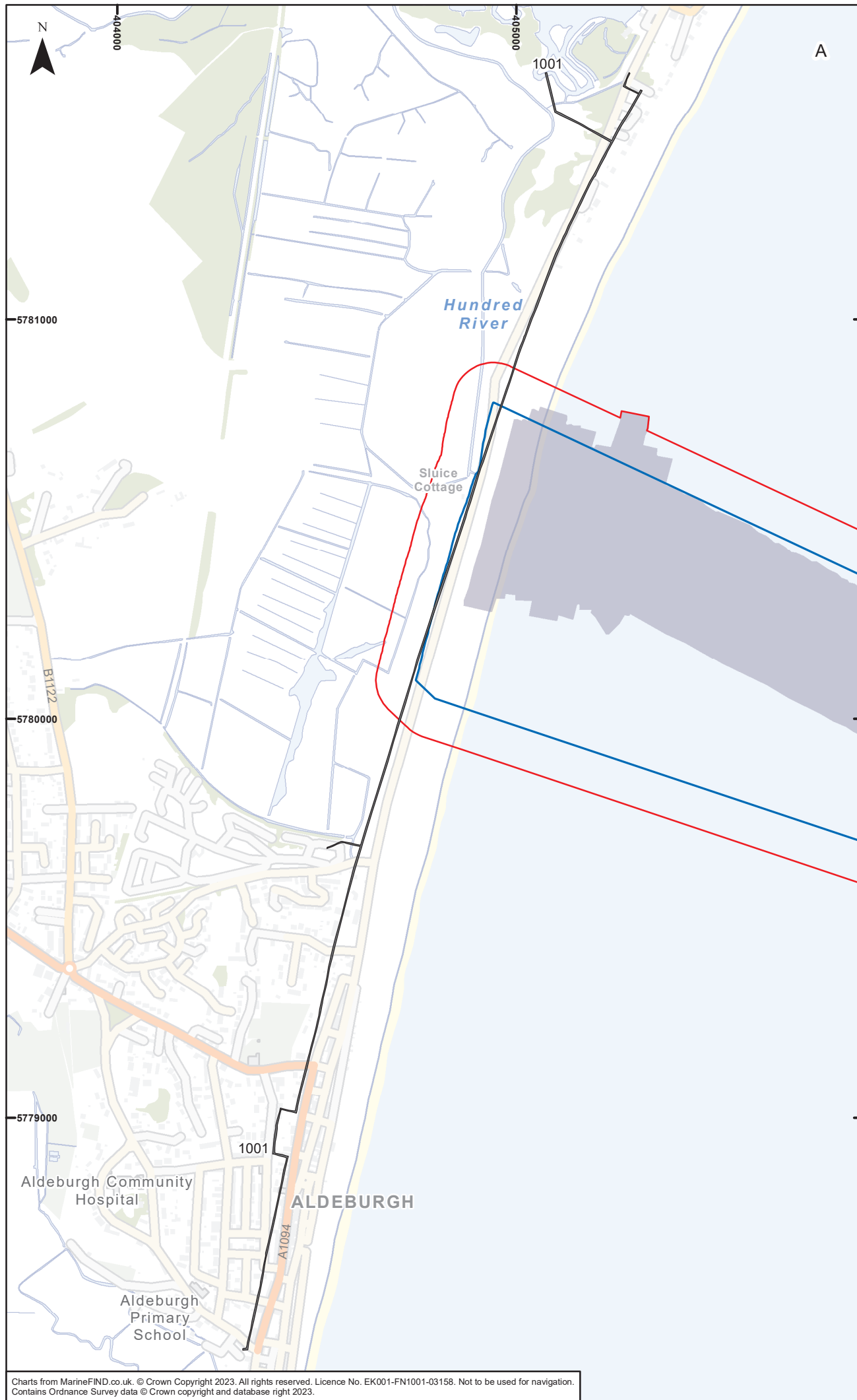
nationalgrid

Scheme: SEA LINK

Document Title: Data examples of seabed features

Creator: KF	Date: 27/03/2023	Checker: VL	Date: 27/03/2023	Approver: EM	Date: 27/03/2023
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Document Ref: FIGURE 4.7.A.30	Scale: N/A	Format: A3	Sheets: 1	Rev: 0
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- Legend**
- Marine archaeology study area
 - Geophysical survey area
 - Offshore Scheme Boundary
 - Medieval - Post-medieval
 - Modern
 - Modern (Second World War)
 - Unknown

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nationalgrid

Scheme: SEA LINK

Document Title: Intertidal features of archaeological potential

Creator: KF	Date: 29/03/2023	Checker: VL	Date: 29/03/2023	Approver: EM	Date: 29/03/2023
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Document Ref: FIGURE 4.7.A.31	Scale: 1:12,500	Format: A3	Sheets: 1	Rev: 0
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