



# Interconnexion France-Angleterre 2 (IFA2)

Archaeological assessment of geophysical data

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## Summary

Wessex Archaeology was commissioned by National Grid IFA2 Limited to undertake an archaeological assessment of geophysical data acquired over the Interconnexion France-Angleterre 2 cable development.

Interconnexion France-Angleterre 2 is a joint development between National Grid Interconnector Holdings and the French transmission company Réseau de Transport d'Électricité. It comprises a 1,000 MW high voltage direct current electrical interconnector between the British and French transmission systems. The interconnector will be approximately 240 km in length, and will connect the south coast of the UK with the Normandy region of France. This report contains results from the section of the route between landfall in the UK and the UK-France median line.

The assessment data comprised sidescan sonar, magnetometer, gradiometer and multibeam echosounder datasets acquired by Next Geosolutions and MMT. The geophysical data were assessed to identify any seabed features of archaeological potential within the study area. This report represents a point in time document and relates to the results of the geophysical data assessment only – the results of subsequent ROV/diver assessments have not been included.

The results have been split into three study areas, the HVAC nearshore study area, which is defined by the extents of the multibeam echosounder data coverage in this area. The HVDC nearshore and HVDC offshore study areas are defined by a 30 m wide corridor around the centreline of the proposed interconnector route.

The assessment of the geophysical data within the HVAC nearshore study area resulted in a total of 164 anomalies identified as being of possible archaeological interest. All of these have been assigned an A2 archaeological potential rating (uncertain origin of possible archaeological interest).

In the HVDC nearshore study area, a total of 478 anomalies were identified as being of possible archaeological interest. 477 were assigned an A2 archaeological potential rating and one anomaly, a recorded wreck (**7534**), has been assigned an A3 archaeological discrimination (historic record of possible archaeological interest with no corresponding geophysical anomaly).

In the HVDC offshore study area a total of 215 anomalies were identified as being of possible archaeological interest, all of which have been assigned an A2 archaeological potential rating.

Three Archaeological Exclusion Zones from previous assessments have been retained and reviewed using the most recent data (**7008**, **7013** and **7534**). Based on the assessment of new, higher resolution data, the 50 m Archaeological Exclusion Zones around debris **7008** and **7013** have been reduced to 25 m. The position of recorded wreck **7534** is outside of the study area and is not covered by the most recent geophysical survey data. As such, its Archaeological Exclusion Zone of 100 m is recommended to remain unchanged.

For any identified features not assigned an Archaeological Exclusion Zone, an avoidance strategy is recommended. Further work may be necessary to ascertain the precise nature and archaeological potential of individual features should avoidance prove unfeasible during future post-consent works.

It is recommended that if any objects of possible archaeological interest are recovered during any groundwork operations, they should be reported to a suitably qualified archaeological contractor using a pre-agreed reporting protocol. This will establish whether the recovered objects are of archaeological interest and recommend appropriate mitigation measures.



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# Interconnexion France-Angleterre 2 (IFA2)

## Archaeological assessment of geophysical data

### 1 INTRODUCTION

#### 1.1 Project background

- 1.1.1 Wessex Archaeology was commissioned by National Grid IFA2 Limited (National Grid) to undertake an archaeological assessment of geophysical data acquired over the proposed Interconnexion France-Angleterre 2 high voltage direct current (HVDC) electricity transmission interconnector (hereon referred to as IFA2) route.
- 1.1.2 IFA2 is a joint development between National Grid Interconnector Holdings (NGIH) and the French transmission company Réseau de Transport d'Électricité (RTE). It comprises a 1,000 MW HVDC electrical interconnector between the British and French transmission systems. The interconnector will be approximately 240 km in length, and will connect the south coast of the UK with the Normandy region of France (Figure 1). This report contains results from the section of the route between landfall in the UK and the UK-France median line.
- 1.1.3 Wessex Archaeology has previously undertaken a Written Scheme of Investigation (WSI) (Wessex Archaeology 2017a) and two Heritage Method Statements for the nearshore (Wessex Archaeology 2017b) and offshore (Wessex Archaeology 2017c) areas of the proposed IFA2 route.
- 1.1.4 Since the acquisition of geophysical data and assessment, Wessex Archaeology has undertaken an archaeological assessment of Remotely Operated Vehicle (ROV) survey data (Wessex Archaeology 2019a), an archaeological assessment of diver survey data (Wessex Archaeology 2019b) and an archaeological survey, excavation, and recovery of a Fairey Barracuda aircraft crash site (Wessex Archaeology 2019c; Forthcoming). This report is a point in time document consisting of the interpretation of geophysical data acquired in 2017 and 2018 only, and doesn't incorporate any of the subsequent ROV or diver investigations.
- 1.1.5 The geophysical data comprises sidescan sonar (SSS), magnetometer, gradiometer and multibeam echosounder (MBES) data sets. The geophysical data were acquired by Next Geosolutions in August and September 2017, with additional gradiometer data acquired by MMT in 2018 (Next Geosolutions 2017a; 2017b; MMT 2018).
- 1.1.6 The results have been split into three study areas; the HVAC nearshore study area, which is defined by the extents of the MBES data coverage in this area, and the HVDC nearshore and HVDC offshore study areas, which are defined by a 30 m wide corridor around the centreline of the proposed interconnector route. Any geophysical anomalies identified outside of the defined study areas are considered beyond the scope of this report and are not included in the results section or gazetteers.





## 1.2 Aims and objectives

1.2.1 The aim of this assessment is to identify any anomalies of archaeological potential within the study areas, in order to further inform the planning process ahead of the proposed development. This is to be undertaken through the following objectives:

- confirm the presence of known or previously located marine sites of archaeological potential and to comment on their apparent character;
- identify, locate and characterise hitherto unrecorded marine sites of archaeological potential;
- provide recommendations for archaeological mitigation.

## 1.3 Co-ordinate system

1.3.1 The survey data was acquired in WGS84 UTM30N, and the results are presented in the same coordinate system.

## 2 METHODOLOGY

### 2.1 Data sources

2.1.1 A number of data sources were consulted during this assessment, including:

- Geophysical survey data acquired by Next Geosolutions and MMT;
- Recorded wreck and obstruction data acquired via the United Kingdom Hydrographic Office (UKHO);
- Past reports and assessments undertaken within the IFA2 development (Wessex Archaeology 2017a; 2017b; 2017c);
- Client supplied survey reports (Next Geosolutions 2017a; 2017b; MMT 2018).

### 2.2 Geophysical data – technical specifications

2.2.1 The geophysical data were acquired by Next Geosolutions in September 2017, and additional gradiometer data were acquired by MMT in 2018. The Next Geosolutions data consisted of SSS, magnetometer, gradiometer and MBES datasets. Two survey vessels acquired the data, CSV *Solent Guardian* for the nearshore surveys and PSV *Ievoli Cobalt* for the offshore survey (Next Geosolutions 2017a; 2017b). The data were collected to UXO investigation standards, with survey line spacing typically 10 m or less.

2.2.2 The MMT data consisted of gradiometer data only, this was acquired on the M/V *Edda Fonn* in 2018 (MMT 2018). Further details on the equipment used for all surveys is detailed in Table 1.

**Table 1** Summary of survey equipment

Survey Company	Survey Vessel	Data Type	Equipment	Data Format
Next Geosolutions	CSV <i>Solent Guardian</i>	SSS	Edgetech FS4200, 300 kHz - 600 kHz	. <i>xtf</i>
		Mag.	2 x Geometrics G882 Marine Magnetometers in across-track configuration	. <i>txt</i>
		MBES	R2Sonic Mod. 2024 (Dual-Head), pole-mounted	. <i>xyz</i>
		Positioning	C-NAV 3050 GNSS (primary) Trimble R8 DGPS-RTK (secondary) Applied Acoustics Nexus EasyTrak USBL (SSS)	N/A
	PSV <i>Ievoli Cobalt</i>	SSS	Combined SSS/SBP Edgetech 2205 Series 230 kHz - 850 kHz frequency	. <i>xtf</i>
		Mag.	3 x Geometrics G882 Marine Magnetometer in across-track configuration equipped with altimeter	. <i>txt</i> & . <i>int</i>
		Gradiometer	Innovatum Smartsearch 12-element array	. <i>txt</i>
		MBES	R2Sonic Mod. 2024 Dual-Head	. <i>xyz</i>
		Positioning	C-NAV3050 GNSS (primary) Veripos LD-7 GNSS (secondary) Hull-mounted USBL Kongsberg Hi-PAP 500 USBL (SSS)	N/A
MMT	M/V <i>Edda Fonn</i>	Gradiometer	12 pin Model-T vertical gradiometer array mounted on a work class ROV	. <i>txt</i>

## 2.3 Geophysical data – processing

2.3.1 A number of different datasets were assessed over the study area. Each dataset was processed and interpreted separately by Wessex Archaeology using the following software (Table 2).

**Table 2** Software used for geophysical assessment

Dataset	Processing Software	Interpretation and rationalisation
MBES	QPS Fledermaus v7.7.5	ArcMap v10.5
SSS	CodaOctopus Survey Engine v5.7	
Mag. & Gradiometer	MagPick v3.25	

2.3.2 The MBES data were analysed to identify any unusual seabed structures that could be shipwrecks or other anthropogenic debris. The data were gridded at 0.5 m and analysed using QPS Fledermaus software, which enables a 3-D visualisation of the acquired data and geo-picking of seabed anomalies.

2.3.3 The high frequency .*xtf* SSS data files were processed using CodaOctopus Survey Engine Sidescan+ software. This allowed the data to be replayed with various gain settings in order to optimise the quality of the images. The data were interpreted for any objects of possible anthropogenic origin. This involves creating a database of anomalies within Coda by

tagging individual features of possible archaeological potential, recording their positions and dimensions, and acquiring an image of each anomaly for future reference.

- 2.3.4 A mosaic of the SSS is produced during this process to assess the quality of the sonar towfish positioning. This process allows the position of anomalies to be checked between different survey lines and for the positioning to be further refined if necessary.
- 2.3.5 The form, size and/or extent of an anomaly is a guide to its potential to be an anthropogenic feature and therefore of archaeological interest. A single small but prominent anomaly may be part of a much more extensive feature that is largely buried. Similarly, a scatter of minor anomalies may define the edges of a buried but intact feature, or it may be all that remains as a result of past impacts from, for example, dredging or fishing.
- 2.3.6 The magnetometer and gradiometer data were processed using Geometrics MagPick software in order to identify any discreet magnetic contacts which could represent buried metallic debris or structures such as wrecks.
- 2.3.7 The software enables both the visualisation of individual lines of data and gridding of data to produce a magnetic anomaly map. The data were first smoothed to try and eliminate any spiking. A trend was then fitted to the resulting data, and the trend values subtracted from the smoothed values. This was carried out in an attempt to remove natural variations in the data (such as diurnal variation in magnetic field strength and changes in geology). The processed data were then gridded to produce a map of magnetic anomalies, and individual anomalies tagged based on the grid and individual profile lines. Images are taken in a similar process to that of the SSS data.
- 2.3.8 For the purposes of this report, the identified magnetic anomalies have been classified as small (5 nT to 49 nT), medium (50 nT to 99 nT), large (100 to 499 nT) and, very large >500 nT), in order to aid classification and archaeological discrimination. As the data were collected with two different equipment types and methodologies, the magnetic amplitudes of anomalies acquired with the gradiometer data are not directly comparable with those acquired by the magnetometer data.

## 2.4 Geophysical data – data quality

- 2.4.1 Once processed, the geophysical data sets were individually assessed for quality and their suitability for archaeological purposes, and rated using the following criteria (Table 3).

**Table 3** Criteria for assigning data quality rating

Data quality	Description
Good	Data which are clear and unaffected or only slightly affected by weather conditions, sea state, background noise or data artefacts. Seabed datasets are suitable for the interpretation of upstanding and partially buried wrecks, debris fields, and small individual anomalies. The structure of wrecks is clear, allowing assessments on wreck condition to be made. These data provide the highest probability that anomalies of archaeological potential will be identified.
Average	Data which are moderately affected by weather conditions, sea state and noise. Seabed datasets are suitable for the identification of upstanding and partially buried wrecks, the larger elements of debris fields and dispersed sites, and larger individual anomalies. Dispersed and/or partially buried wrecks may be difficult to identify. These data are not considered to be detrimentally affected to a significant degree.

Data quality	Description
Below Average	Data which are affected by weather conditions, sea state and noise to a significant degree. Seabed datasets are suitable for the identification of relatively intact, upstanding wrecks and large individual anomalies. Dispersed and/or partially buried wrecks, or small isolated anomalies may not be clearly resolved
Variable	This category contains datasets where the individual lines range in quality. Confidence of interpretation is subsequently likely to vary within the study area.

- 2.4.2 The MBES data were rated as ‘Good’ using the above criteria. The data quality and resolution of 0.5 m was found to be of a good standard and suitable for archaeological assessment of objects and debris over 0.5 m in size. There are a small number of data gaps in the MBES data across the study areas, however, this is not thought to have detrimentally affected the results of this assessment.
- 2.4.3 The SSS data have been rated as ‘Variable’ using the above criteria table. A number of lines were affected by poor weather conditions causing noise throughout the files. Positioning was also variable across the dataset due to strong currents. However, in general, the data are considered suitable for archaeological assessment.
- 2.4.4 The magnetometer and gradiometer data have been rated as ‘Variable’ using the above criterial table. A number of data files contained noise and spiking due to poor weather conditions experienced during the survey and there is evidence of strong background geological noise throughout the data files, however the files are considered suitable for archaeological assessment.
- 2.4.5 The gradiometer data acquired by Next Geosolutions have been rated as ‘Average’ using the above criteria table. Occasional spiking and noise was identified on a number of lines, and high background geology interference was present across parts of the study area. However the data are considered suitable for archaeological assessment.

## 2.5 Geophysical data – anomaly grouping and discrimination

- 2.5.1 The previous section describes the initial interpretation of all available geophysical datasets which were conducted independently of one another. This inevitably leads to the possibility of any one object being the cause of numerous anomalies in different datasets and apparently overstating the number of archaeological features in the exploration area.
- 2.5.2 To address this fact the anomalies were grouped together; allowing one ID number to be assigned to a single object for which there may be, for example, a UKHO record and multiple SSS anomalies.
- 2.5.3 Once all the geophysical anomalies and desk-based information have been grouped, a discrimination flag is added to the record in order to discriminate against those which are not thought to be of an archaeological concern. For anomalies located on the seabed, these flags are ascribed as follows (Table 4).

**Table 4** Criteria discriminating relevance of identified features to proposed scheme

Overview classification	Discrimination	Criteria	Data type
Archaeological	A1	Anthropogenic origin of archaeological interest	MBES, SSS, Mag.
Archaeological	A2	Uncertain origin of possible archaeological interest	MBES, SSS, Mag.

Overview classification	Discrimination	Criteria	Data type
Archaeological	A3	Historic record of possible archaeological interest with no corresponding geophysical anomaly	MBES, SSS, Mag.
Non-archaeological	U1	Not of anthropogenic origin	MBES, SSS, Mag.
Non-archaeological	U2	Known non-archaeological feature / Feature of non-archaeological interest	MBES, SSS, Mag.
Non-archaeological	U3	Recorded loss	MBES, SSS, Mag.
Non-impact	O1	Outside horizontal footprint of study area	MBES, SSS, Mag.
Non-impact	O3	Area subsequently cleared after data acquired, anomaly/object recovered	MBES, SSS, Mag.

- 2.5.4 The grouping and discrimination of information at this stage is based on all available information and is not definitive. It allows for all features of potential archaeological interest to be highlighted, while retaining all the information produced during the course of the geophysical interpretation and desk-based assessment for further evaluation should more information become available.

### 3 SEABED FEATURES ASSESSMENT

#### 3.1 Introduction

- 3.1.1 The geophysical data were assessed to identify features of archaeological potential relating to maritime and aviation activity.

#### 3.2 Seabed features assessment results

- 3.2.1 The results of this assessment are collated in gazetteer format detailed in Appendices 1 - 3 and illustrated in Figures 1 – 7. These results are discussed below, separately for the HVAC nearshore, HVDC nearshore, and HVDC offshore study areas.

- 3.2.2 Anomalies from the 2017 WSI (Wessex Archaeology 2017a) which fall within the study areas have been grouped with the results of the most recent assessment. Seabed features identified during the previous assessment have been re-assessed and updated if identified in the latest dataset. Features that were identified in the previous assessment, but not seen in the most recent geophysical dataset have been retained as a precaution, as it is possible that they may have been buried by mobile sediments since the previous data were acquired. Previously identified magnetic anomalies not seen in the more recent, high resolution geophysical dataset have been removed from this assessment.

#### 3.3 HVAC nearshore study area

- 3.3.1 A total of 164 features have been identified as being of possible archaeological potential within the HVAC nearshore study area, and are discriminated as shown in Table 5.

**Table 5** Features of archaeological potential within the HVAC nearshore study area

Archaeological discrimination	Quantity	Interpretation
A2	164	Uncertain origin of possible archaeological interest
<b>Total</b>	<b>164</b>	

3.3.2 Furthermore, these anomalies can be classified by probable type, which can further aid in assigning archaeological potential and importance (Table 6).

**Table 6** Types of features identified within the HVAC nearshore study area

Anomaly classification	Definition	Number of anomalies
Debris field	A discrete area containing numerous individual debris items that are potentially anthropogenic, and can include dispersed wreck sites for which no coherent structure remains	9
Debris	Distinct objects on the seabed, generally exhibiting height or with evidence of structure, that are potentially anthropogenic in origin	25
Seabed disturbance	An area of disturbance without individual, distinct objects. Potentially indicates wreck debris or other anthropogenic features buried just below the seabed.	3
Rope/chain	Curvilinear dark reflectors, often with a small amount of height, indicating rope or chain (if ferrous)	11
Dark reflector	Individual objects or areas of high reflectivity, displaying some anthropogenic characteristics. Precise nature is uncertain	11
Mound	A mounded feature with height not considered to be natural. Mounds may form over wreck sites or other debris.	1
Magnetic	No associated seabed surface expression, and have the potential to represent possible buried ferrous debris or buried wreck sites	104
<b>Total</b>		<b>164</b>

3.3.3 A total of 164 anomalies have been assigned an A2 discrimination, which is defined as features of uncertain origin, but of possible archaeological interest (see Appendix 1 for the full list of anomalies).

3.3.4 Of these A2 anomalies, nine have been classified as debris fields, six of which were associated with a magnetic anomaly indicating the presence of ferrous material, a selection of these are described below.

3.3.5 Debris field **7026** was observed in the SSS data as a large area of disturbed seabed measuring 14.9 x 9.0 x 0.5 m, containing indistinct dark reflectors that are situated in a slight depression. A linear dark reflector is visible in the data measuring 3.2 x 0.4 m. In the MBES data this debris field is visible as a group of irregularly shaped mounds with varying height off the seabed. The debris field has a very large associated magnetic anomaly measuring 1540 nT, indicating ferrous material is present (Figure 3).

3.3.6 Debris field **7027** has dimensions of 3.4 x 2.5 x 0.3 m and contains very small dark reflectors which all measure less than 0.5 m length. In the SSS data this feature is situated within a depression or area of low reflectivity. The debris field has a large associated magnetic

anomaly measuring 338 nT, indicating ferrous material is present. In the MBES data this debris field is visible as a small and irregularly shaped mound.

- 3.3.7 Debris field **7118** measures 5.0 x 4.5 x 0.1 m and is visible as indistinct, dark reflectors with shadows in the SSS data. In the MBES data a raised mound is visible, which is slightly distinct to the surrounding, uneven seabed. This feature looks slightly anomalous to the surrounding seabed and is classified as a debris field (Figure 4). No magnetic anomaly has been associated with this feature, suggesting any debris present at this location is likely to be non-ferrous.
- 3.3.8 Debris field **7014** is visible in the SSS data as a thin and straight dark reflector, with a bright shadow. In the MBES data this feature is visible as a larger and smaller mound measuring 8.5 x 8.0 m and 2.4 x 2.4 x 0.6 m. The mounds are situated on an oval shaped, raised area of seabed measuring 12.2 x 6.1 m. This feature is anomalous to the surrounding seabed and may be a non-ferrous debris field.
- 3.3.9 Twenty five features have been classified as debris within the HVAC nearshore study area, eighteen of which have associated magnetic anomalies indicating the presence of ferrous material.
- 3.3.10 Ferrous debris **7008** is visible in the SSS data as a small and indistinct dark reflector with a very bright and tapered shadow that is isolated on a sandy area of seabed. The feature has a slightly triangular shaped profile and dimensions of 1.4 x 1.4 x 0.4 m. This feature has a large associated magnetic anomaly measuring 376 nT, indicating ferrous material is present, and the feature is visible in the MBES data as a small and rounded mound (Figure 3).
- 3.3.11 Ferrous debris **7013** is visible in the SSS data as a rectangular shaped dark reflector with a bright and tapered shadow. This feature is isolated on a sandy and gravelly area of the seabed and has dimensions of 2.5 x 1.0 x 0.5 m. This feature is visible in the MBES data as a small mound within a depression or scour, and is possibly partially buried. The depression measures approximately 3.0 m wide. This feature has a large associated magnetic anomaly measuring 493 nT, indicating ferrous material is present.
- 3.3.12 Debris **7008** and **7013** were identified in a previous investigation (Headland Archaeology 2015) and were assigned 50 m Archaeological Exclusion Zones (AEZs). However, based on the new higher resolution data, it is recommended that these be reduced to 25 m. Debris **7008** position is outside of the study area, however its AEZ encroaches upon it and so this record has been retained in the gazetteer (Appendix 1).
- 3.3.13 Ferrous debris **7001** is an irregularly shaped and medium sized dark reflector with a slight shadow and dimensions of 6.2 x 5.8 x 0.1 m. This is indistinctly visible in the MBES data as a slightly peaked mound. This feature has a large associated magnetic anomaly measuring 188 nT, indicating ferrous material is present.
- 3.3.14 Debris **7010** is a distinct dark reflector with a very bright shadow identified within the SSS data that is situated within a depression. The dimensions of the depression are 13.0 x 11.0 x -0.5 m. In the MBES data this is visible as a large and smaller mound situated within a large depression. The smaller mound measures 1.0 x 0.9 x 0.1 m and the larger mound measures 2.0 x 1.5 x 0.4 m. There are two shallower depressions directly to the north-west of this feature that may be related. This feature has a small associated magnetic anomaly measuring 26 nT, indicating some ferrous material is present.

- 3.3.15 Ferrous debris **7011** has dimensions of 5.0 x 2.4 x 0.5 m and is visible as a distinct 'v' shaped dark reflector with a bright and tapered shadow. The feature appears to be in a slight depression. In the MBES data a small isolated mound is visible, with no defined edges and a fairly rounded shape. There is a very large magnetic anomaly measuring 1558 nT associated with this feature, indicating ferrous material is present. This is a ferrous item of debris isolated on a sandy area of the seabed (Figure 3).
- 3.3.16 Three seabed disturbances have been identified within the HVAC nearshore study area. Seabed disturbance **7000** is a large, oval shaped area measuring 12.1 x 2.6 x 0.7 m. This feature is observed in the SSS data as a patch of indistinct dark reflectors, with one distinct, curvilinear edge visible. The feature has a bright shadow with significant height off the seabed (Figure 4). This feature may be geological or non-ferrous debris buried beneath sands.
- 3.3.17 Feature **7009** is a large area of disturbed seabed measuring 32.6 x 16.0 x 0.1 m. This feature is visible in the SSS data as a group of curvilinear dark reflectors that appear to be joined together at one end, and fan outwards at the other. The dark reflectors have bright shadows with slight height off the seabed in places. In the MBES data some small, indistinct mounds are visible. This may be a natural feature or partially buried debris.
- 3.3.18 Seabed disturbance **7142** has dimensions of 10.3 x 7.6 x 0.1 m, the feature contains some small dark reflectors along with some possible bright reflectors, and the largest feature measures 7.1 x 1.9 m. This seabed disturbance is visible in the MBES data as a small mound situated next to an oval shaped depression (Figure 4).
- 3.3.19 Eleven features have been classified as lengths of rope or chain within the HVAC nearshore study area. Feature **7005** has dimensions of 26.4 x 1.7 x 0.5 m and is visible in the SSS data as a very long and thick linear dark reflector that has a bend in its centre. The feature has a rounded dark reflector attached at this centre point, with a very long and bright shadow (Figure 4). There is a large magnetic anomaly measuring 139 nT associated with this feature indicating ferrous material is present. In the MBES data this is visible as a small mound measuring 1.5 x 1.0 x 0.2 m within a triangular shaped depression (the depression measures 10.5 x 10.0 m). This may be a modern feature, however this can only be confirmed by visual inspection.
- 3.3.20 Rope or chain feature **7136** has dimensions of 10.1 x 0.8 x 0.2 m, this is visible in the SSS data as a long, curvilinear dark reflector with a slight shadow. There is a small dark reflector attached to one end, with no measurable height and measurements of 1.6 x 0.8 m. This may be an anchor, however this can only be confirmed by visual inspection. Feature **7015** is a short length of rope or chain measuring 7.4 x 0.2 x 0.1 m. This is visible in the SSS data as a thin and curvilinear shaped dark reflector with a bright shadow that is situated on a sandy and featureless area of the seabed (Figure 4).
- 3.3.21 Rope or chain **7151** is visible in the SSS data as a linear dark reflector with a distinct, 'v' shaped dark reflector with a bright shadow attached. In the MBES data, a small, oval shaped mound is visible, the length of rope or chain has dimensions of 9.1 x 0.5 x 0.6 m. There is a large associated magnetic anomaly measuring 1683 nT, indicating ferrous material is present. This is a possible ferrous item of debris that may be a rope or chain with an anchor attached, however this can only be confirmed by visual inspection.
- 3.3.22 A total of 11 anomalies have been classified as dark reflectors (for full list see Appendix 1). These anomalies do not have an associated magnetic anomaly, but display some anthropogenic characteristics. The smallest dark reflector measures 1.9 x 1.9 x 0.7 m



(**7023**) and is visible in the SSS data as an indistinct dark reflector with a very bright shadow, the feature has significant height off the seabed. This is visible in the MBES data as a small and rounded mound.

- 3.3.23 Dark reflector **7020** has dimensions of 5.0 x 0.5 x 0.5 m, this is observed in the SSS data as a long and indistinct, straight dark reflector with a very bright, large shadow. This could be a natural feature or an item of debris. Dark reflector **7004** is a long, thin and distinct dark reflector with a long and bright shadow. The feature has dimensions of 2.3 x 0.6 x 0.5 m and appears anomalous to the surrounding seabed (Figure 4).
- 3.3.24 One feature (**7117**) has been classified as a mound, this feature was identified in the MBES data and its location is not covered by the SSS or magnetometer data. The mound has dimensions of 8.2 x 7.8 x 0.1 m and is visible as a circular mound with a fairly flat top that is situated on a featureless area of the seabed.
- 3.3.25 The remaining 104 A2 anomalies are magnetic anomalies with no associated seabed surface expression, which have the potential to represent buried ferrous debris, or ferrous debris lying flat on the seabed. As the data were collected with two different equipment types and methodologies, the magnetic amplitudes acquired from the magnetometer and gradiometer results are not directly comparable.
- 3.3.26 The magnetic anomalies range in size from 14 nT (**7350**) to 3774 nT (**7346**) (for the full list see Appendix 1). Magnetic anomaly **7036** measures 104 nT and was identified in the previous assessment as a pair of magnetic anomalies measuring 32 and 60 nT respectively (Headland Archaeology 2015).
- 3.3.27 Magnetic anomaly **7051** measures 46 nT and may be related to ferrous debris **7008** situated 23 m to the north-east. This debris feature (**7008**) has a previously assigned 50 m AEZ that has been recommended to be reduced to 25 m; magnetic anomaly **7051** will still be within this reduced AEZ.
- 3.3.28 Magnetic anomaly **7661** was identified in a previous assessment (Headland Archaeology 2015), this was described as a magnetic anomaly measuring 56 nT coinciding with the south-west edge of a depression in the MBES data. The position of this feature is only covered by MBES data, and so has not been identified in the most recent geophysical dataset. However, the original anomaly has been retained in the gazetteer as a precaution.

### 3.4 HVDC nearshore study area

- 3.4.1 A total of 478 features have been identified as being of possible archaeological potential within the HVDC nearshore study area and are discriminated as shown in Table 7. One recorded wreck (**7534**) has been identified, the position of which is outside of the study area and not covered by the geophysical data. However, a previously assigned 100 m AEZ is already in place which encroaches upon the study area.

**Table 7** Features of archaeological potential within the HVDC nearshore study area

Archaeological discrimination	Quantity	Interpretation
A2	477	Uncertain origin of possible archaeological interest
A3	1	Historic record of possible archaeological interest with no corresponding geophysical anomaly
<b>Total</b>	<b>478</b>	

3.4.2 Furthermore, these anomalies can be classified by probable type, which can further aid in assigning archaeological potential and importance (Table 8).

**Table 8** Types of features identified within the HVDC nearshore study area

Anomaly classification	Definition	Number of anomalies
Debris field	A discrete area containing numerous individual debris items that are potentially anthropogenic, and can include dispersed wreck sites for which no coherent structure remains	15
Debris	Distinct objects on the seabed, generally exhibiting height or with evidence of structure, that are potentially anthropogenic in origin	40
Seabed disturbance	An area of disturbance without individual, distinct objects. Potentially indicates wreck debris or other anthropogenic features buried just below the seabed.	2
Rope/chain	Curvilinear dark reflectors, often with a small amount of height, indicating rope or chain (if ferrous)	22
Bright reflector	Individual objects or areas of low reflectivity, characteristic of materials that absorb acoustic energy, such as waterlogged wood or synthetic materials. Precise nature is uncertain	5
Dark reflector	Individual objects or areas of high reflectivity, displaying some anthropogenic characteristics. Precise nature is uncertain	37
Magnetic	No associated seabed surface expression, and have the potential to represent possible buried ferrous debris or buried wreck sites	356
Recorded Wreck	Position of a recorded wreck at which previous surveys have identified definite seabed anomalies, but for which no associated feature has been identified within the current data set.	1
<b>Total</b>		<b>478</b>

3.4.3 A total of 477 anomalies have been assigned an A2 discrimination, which is defined as features of uncertain origin, but of possible archaeological interest (see Appendix 2 for the full list).

3.4.4 Of these A2 anomalies, 15 have been classified as debris fields, the largest of these is **7420**, with dimensions of 40.5 x 17.3 m. This feature comprises curvilinear and straight dark reflectors with no visible height; the features are indistinct and appear to be partially buried within large sand waves. This debris field has a very large associated magnetic anomaly measuring 4360 nT, indicating ferrous material is present. This is a possible ferrous debris field.

3.4.5 Debris field **7432** is large spread of curvilinear and straight dark reflectors orientated in a circular pattern on the seabed. The debris field has dimensions of 11.2 x 5.3 m and is situated across large sand waves; further debris features may be buried within the sand waves.. Feature **7431** is a large spread of dark reflectors measuring 20.5 x 11.5 x 0.1 m. There are two very distinct and straight features visible within the SSS data, with dimensions of 2.3 x 0.2 m and 2.4 x 0.5 m respectively. Further possibly associated, indistinct dark reflectors are spread amongst the sand waves. This debris field is situated 25 m north-east of **7432** and may be associated.

- 3.4.6 Debris field **7206** is visible in the SSS data as a large oval shaped area of disturbed seabed comprising some distinct, and frequent indistinct, dark reflectors with shadows. The feature appears to be partially buried by sands and is visible in the MBES data as an elongated mound with dimensions of 21.0 x 6.0 x 0.3 m. There is a small magnetic anomaly measuring 37 nT associated with this feature, indicating some ferrous material is present.
- 3.4.7 Ferrous debris field **7692** has dimensions of 16.9 x 9.1 x 0.5 m. This feature extends beyond the edge of the study area, but part of it is within. This is visible in the SSS data as a large spread of distinct, dark reflectors that have a uniform appearance. The main feature is a straight dark reflector with smaller, linear features attached, the largest of which measures 3.8 x 1.2 m. The features are distinct on a sandy area of seabed, have bright shadows, and appear highly anthropogenic. It is possible that they may be partially buried. This feature is clearly visible in the MBES data as an irregularly shaped mound, anomalous to the surrounding, featureless seabed. There is a very large associated magnetic anomaly measuring 2563 nT, indicating ferrous material is present (Figure 5).
- 3.4.8 Debris field **7583** is a large area of disturbed seabed measuring 27.0 x 13.0 x 0.6 m, containing numerous dark reflectors with shadows. A number of areas of low reflectivity are also visible, although these may be slight depressions with sediment cover. In the centre of the feature a slightly angular, dark reflector is visible, measuring 3.9 x 1.3 m. This feature is visible in the MBES data as an area of textured seabed with a distinct mound in its centre. This is a possible large, non-ferrous, debris field (Figure 6).
- 3.4.9 Forty anomalies have been classified as debris, and 29 of these have associated magnetic anomalies. The largest piece of debris is **7443**, with measurements of 11.0 x 1.4 x 0.2 m. The feature is visible in the SSS data as a thin, straight, dark reflector with slightly bulbous ends, and is very distinct, with bright, short shadows. This is an isolated piece of debris situated on a sandy area of the seabed.
- 3.4.10 Debris **7587** is a distinct, straight, dark reflector with a very large and bright shadow and dimensions of 5.5 x 3.0 x 0.8 m. There is a smaller dark reflector attached to one end of the feature, which may be a rock or associated debris, measuring 0.7 x 0.4 m. The debris is partially covered by the MBES data and visible as a rectangular mound situated in a very slight depression (Figure 6).
- 3.4.11 Ferrous debris **7203** is a small but distinct, angular, dark reflector with a bright, thin shadow and measurements of 2.2 x 1.8 x 0.4 m. The feature is situated in a slight depression and has a very large associated magnetic anomaly measuring 1176 nT, indicating the presence of ferrous material (Figure 5).
- 3.4.12 Ferrous debris **7537** is a distinct and angular dark reflector with bright shadows and dimensions of 6.6 x 4.7 x 0.5 m. The feature is situated on a sandy and gravelly area of seabed and may be partially buried. There is a very large associated magnetic anomaly measuring 25093 nT, identified in both the magnetometer and gradiometer datasets, indicating substantial ferrous material is present. This is a piece of ferrous debris, potentially an anchor, although this can only be confirmed by visual inspection (Figure 5).
- 3.4.13 Two features have been classified as seabed disturbances (**7427** and **7428**). **7427** is a small and indistinct area of disturbed seabed measuring 3.8 x 2.2 m. The feature is visible in the SSS data as an irregularly shaped bright reflector, lying perpendicular to the sand waves with very small, indistinct dark reflectors around this. This may be part of natural formation, or an indication of buried debris. Seabed disturbance **7428** is situated 10.5 m south of **7427**, and has similar characteristics. The feature has dimensions of 2.6 x 1.6 m and lies

perpendicular to the sand waves. These features are both situated outside of the study area, however, they are within an already established AEZ (**7534**) and may relate to recorded wreck UKHO 19363, the position for which is not covered by the geophysical data.

- 3.4.14 Twenty-two features have been classified as lengths of rope or chain (for the full list see Appendix 2). **7578** is visible in the SSS data as a long, thin and curvilinear dark reflector with a bright shadow and slight height off the seabed. The length rope or chain has measurements of 18.6 x 0.4 x 0.1 m. This is an isolated feature orientated in a north-west to south-east direction on a flat and featureless area of seabed (Figure 6).
- 3.4.15 Feature **7441** is visible in the SSS data as a long and thin linear dark reflector with a slight shadow in places, and dimensions of 36.3 x 1.4 x 0.4 m. There are two rounded dark reflectors attached to the feature across its extent, however they are unclear and possibly partially buried by sands. The feature lies perpendicular to the sand waves and its full extent may be partially buried. In the MBES data a small mound measuring 3.4 m x 2.2 m is visible within the sand waves at this location. There is a very large associated magnetic anomaly measuring 1894 nT, indicating ferrous material is present. This could be a length of rope or chain with an object, possibly an anchor, attached to it. However, this can only be confirmed by visual inspection.
- 3.4.16 Rope or chain **7204** has dimensions of 14.5 x 0.2 x 0.1 m and is visible as a long and thin, slightly curvilinear dark reflector with some shadow, and slight height off the seabed. This feature is possibly related to a similar feature classified as a rope or chain, **7205**, situated 23 m to the north-west with dimensions of 15.4 x 0.1 x 0.0 m. Both of these features are orientated NNW to SSE on a relatively flat and featureless area of seabed.
- 3.4.17 Five features have been classified as bright reflectors (**7237**, **7430**, **7447**, **7449** and **7540**). Feature **7237** is a medium sized, oval shaped bright reflector with measurements of 4.0 x 0.9 m. This is an isolated object situated on a sandy and featureless area of seabed (Figure 6).
- 3.4.18 Two bright reflectors (**7447** and **7449**) with similar characteristics have been identified situated within 9 m of one another. The former has dimensions of 1.9 x 1.6 m and is visible in the SSS data as a hollow, circular bright reflector. Bright reflector **7449** has dimensions of 1.5 x 1.3 m and again is visible as a hollow, circular bright reflector.
- 3.4.19 Thirty-seven features have been classified as dark reflectors (for the full list see Appendix 2). Dark reflector **7582** is visible in the SSS data as a small, distinct dark reflector with a large and bright shadow and measurements of 3.2 x 2.5 x 0.7 m. This feature is visible in the MBES data as a distinct and isolated mound with a slightly angular peak within a depression, measuring 8.5 x 7.0 m. This could be a natural feature or item of non-ferrous debris (Figure 6).
- 3.4.20 Dark reflector **7584** is a small and angular dark reflector with a long, bright and tapered shadow, situated in a depression. The feature has dimensions of 1.5 x 1.0 x 0.5 m and may be related to debris field (**7583**) situated 1.0 m south-east. This could be a natural feature or an item of non-ferrous debris (Figure 6).
- 3.4.21 The remaining 356 A2 anomalies are magnetic anomalies with no associated seabed surface expression, which have the potential to represent possible ferrous debris that is either buried or lying flat on the seabed. As the data were collected with two different equipment types and methodologies, the magnetic amplitudes acquired from the magnetometer and gradiometer results are not directly comparable. The magnetic

anomalies range in size from 24 nT (**7604** and **7639**) to 8555 nT (**7374**) (for the full list see Appendix 2).

### 3.5 HVDC offshore study area

3.5.1 A total of 215 features have been identified as being of possible archaeological potential within the HVDC offshore study area and are discriminated as shown in Table 9.

**Table 9** Features of archaeological potential within the HVDC offshore study area

Archaeological discrimination	Quantity	Interpretation
A2	215	Uncertain origin of possible archaeological interest
<b>Total</b>	<b>215</b>	

3.5.2 Furthermore, these anomalies can be classified by probable type, which can further aid in assigning archaeological potential and importance (Table 10).

**Table 10** Types of features identified within the HVDC offshore study area

Anomaly classification	Definition	Number of anomalies
Debris field	A discrete area containing numerous individual debris items that are potentially anthropogenic, and can include dispersed wreck sites for which no coherent structure remains	3
Debris	Distinct objects on the seabed, generally exhibiting height or with evidence of structure, that are potentially anthropogenic in origin	10
Seabed disturbance	An area of disturbance without individual, distinct objects. Potentially indicates wreck debris or other anthropogenic features buried just below the seabed.	2
Dark reflector	Individual objects or areas of high reflectivity, displaying some anthropogenic characteristics. Precise nature is uncertain	9
Magnetic	No associated seabed surface expression, and have the potential to represent possible buried ferrous debris or buried wreck sites	191
<b>Total</b>		<b>215</b>

3.5.3 Three debris fields have been identified HVDC offshore study area (**7707**, **7744** and **7666**), the largest of these is **7744** with dimensions of 14.6 x 12.0 x 0.4 m. In the SSS data this is visible as a large spread of dark reflectors that are possibly situated within a slight depression. There are approximately 10 features with bright shadows, the largest of which measures 1.7 x 0.7 x 0.4 m. In the MBES data this is visible as a distinct mound within a depression, the mound measures 4.0 x 3.0 m and has a relatively flat top and steep sides.

3.5.4 Debris field **7666** has dimensions of 3.1 x 3.0 x 0.2 m, this is an indistinct, small patch of disturbed seabed containing a short, straight, linear dark reflector with slight height and is surrounded by additional poorly defined debris features. This debris field is situated on a sandy and featureless area of seabed and has a very large associated magnetic anomaly, measuring 533 nT, indicating ferrous material is present (Figure 7).

- 3.5.5 Ten anomalies have been classified as debris and seven of these have associated magnetic anomalies (for the full list see Appendix 3). Debris **7737** has dimensions of 1.5 x 1.0 x 0.5 m and is visible in the SSS data as an elongated, slightly angular dark reflector with a distinct shadow. Part of the shadow is extended and narrow, which may indicate a peaked object. This feature has a very large associated magnetic anomaly, identified in magnetometer and gradiometer data, measuring 2915 nT. The size of the magnetic anomaly indicates additional buried ferrous debris could be present in the vicinity (Figure 7).
- 3.5.6 Debris **7663** has dimensions of 3.0 x 2.1 x 0.1 m and is visible in the SSS data as an oval shaped dark reflector with a broad shadow and slight height off the seabed. One end of feature is quite distinct, while the other end of the object is a little less defined, possibly indicating partial burial (Figure 7).
- 3.5.7 Debris **7708** is visible in the SSS data as a slightly rectangular shaped dark reflector with a bright shadow and dimensions of 3.3 x 0.3 x 0.4 m. This is a distinct feature with a very large associated magnetic anomaly measuring 834 nT, indicating the presence of ferrous material. This feature is faintly visible in the MBES data as a small mound, and is situated on a sandy and uneven area of seabed.
- 3.5.8 Two seabed disturbances have been identified in the study area (**7700** and **7705**). **7700** is a small and rectangular shaped area of disturbed seabed measuring 4.0 x 1.9 x 0.1 m. The feature has several straight, indistinct, dark reflectors visible and shadows in places. This is a seabed disturbance possibly containing partially buried debris features.
- 3.5.9 Seabed disturbance **7705** is large area of disturbed seabed measuring 15.2 x 5.6 x 0.1 m with several dark reflectors exposed in a grid like pattern. The feature has slight height off the seabed and is situated near large sand waves; there is potential for further material to be buried in the vicinity. A slightly oval shaped, indistinct ridge is visible in the MBES data in the vicinity of this anomaly and may be related. This is a seabed disturbance possibly containing partially buried debris (Figure 7).
- 3.5.10 The remaining 191 A2 anomalies are magnetic anomalies with no associated seabed surface expression, which have the potential to represent possible buried ferrous debris, or ferrous debris lying flat on the seabed. As the data were collected with two different equipment types and methodologies, the magnetic amplitudes acquired from the magnetometer and gradiometer results are not directly comparable. The magnetic anomalies range in size from 15 nT (**7741**, **7743** and **7750**) to 2176 nT (**7871**) (for the full list see Appendix 3).

#### 4 CONCLUSIONS AND RECOMMENDATIONS

- 4.1.1 The assessment of geophysical data within the HVAC nearshore study area resulted in a total of 164 anomalies identified as being of possible archaeological interest; all of these have been assigned an A2 archaeological potential rating (uncertain origin of possible archaeological interest).
- 4.1.2 In the HVDC nearshore study area, a total of 478 anomalies were identified as being of possible archaeological interest; 477 were assigned an A2 archaeological potential rating and one anomaly, a recorded wreck (**7534**), has been assigned an A3 archaeological discrimination.



- 4.1.3 In the HVDC offshore study area a total of 215 anomalies were identified as being of possible archaeological interest; all of these have been assigned an A2 archaeological potential rating.
- 4.1.4 Three AEZs are already in place from previous assessments (Wessex Archaeology 2017a; 2017b; 2017c). These have been reviewed using the most recent interpretation (Table 11).

**Table 11** Recommended AEZs within the study areas

ID	Previous ID	Classification	Original Assessment	Position (WGS84 UTM30N)		Status	Exclusion Zone	Area
				Easting	Northing			
7008	1093	Debris	Headland Archaeology 2015	622006	5631167	Reviewed – reduced from 50 m to 25 m	25 m buffer from centre point	HVAC nearshore
7013	1092	Debris	Headland Archaeology 2015	622237	5631053	Reviewed – reduced from 50 m to 25 m	25 m buffer from centre point	HVAC nearshore
7534	1071 (HA57)	Recorded Wreck	Headland Archaeology 2015	635288	5622270	Reviewed - retained unchanged	100 m buffer around record	HVDC nearshore

- 4.1.5 Based on the assessment of new, higher resolution data, the 50 m AEZs around debris **7008** and **7013** have been reduced to 25 m. The position of recorded wreck **7534** is outside of the study area and it is not covered by the most recent geophysical survey data and, as such, its 100 m AEZ is recommended to remain unchanged.
- 4.1.6 For features assigned an A2 archaeological discrimination rating, no AEZs are recommended at this time. However, avoidance is recommended with further mitigation to be implemented (e.g. high resolution geophysical survey, visual inspection (divers or ROV)) if they are to be directly impacted by the proposed development in the future.
- 4.1.7 It is recommended that, if any objects of possible archaeological interest are recovered during any groundwork operations, they should be reported to a suitably qualified archaeological contractor using a pre-agreed reporting protocol. This will establish whether the recovered objects are of archaeological interest and recommend appropriate mitigation measures.

## 5 REFERENCES

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## APPENDICES

### Appendix 1: Seabed features of archaeological potential (HVAC nearshore)

ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7000	Seabed disturbance	625439	5629831	A2	12.1	2.6	0.7	-	A large oval shaped area of disturbed seabed, in the SSS data this feature is visible as a patch of indistinct dark reflectors with a distinct curvilinear edge with a bright shadow and significant height off the seabed. This feature may be geological or debris buried beneath the seabed, however this area of the seabed is not covered by the MBES data	-
7001	Debris	621877	5631777	A2	6.2	5.8	0.1	188	An irregularly shaped and medium sized dark reflector with no shadow which has a slightly internal structural appearance in the SSS data. This feature has a large associated magnetic anomaly, indicating ferrous material is present and is indistinctly visible in the MBES data as a slightly peaked mound. This is a possible ferrous item of debris	-
7002	Debris	621947	5631806	A2	4.5	3.2	0.1	1066	A dark reflector that is possibly broken up or covered by sands in parts, the feature has shadows and has a very large associated magnetic anomaly, indicating it contains ferrous material. This is a possible ferrous item of debris	-
7003	Dark reflector	625597	5629891	A2	2.8	2.7	0.3	-	A long and thick linear dark reflector with a bright shadow that is situated on a rough and featureless area of the seabed. This feature looks more distinct than the surrounding seabed anomalies with a straight edge. This location is not covered by the MBES data. This could be a natural feature or item of debris	-
7006	Debris field	625698	5630017	A2	9.0	6.0	0.1	815	A group of three small and rounded dark reflector objects with slight shadows, the largest object measures 1.1 x 0.6 m. The features are in a triangular alignment on the seabed and within a slight depression. There is a very large associated magnetic anomaly, indicating ferrous material is present. In the MBES data three small mounds are visible on the seabed. This is a ferrous debris field or, possibly modern debris, however this can only be confirmed by visual inspection	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7007	Dark reflector	625443	5629969	A2	2.8	2.3	1.1	-	A small and slightly right angled dark reflector feature with a large and bright shadow. This object looks more distinct and elongated than the surrounding seabed anomalies. The feature is visible in the MBES data as a small and pointed mound. This could be a natural feature or an item of debris	-
7009	Seabed disturbance	622043	5631356	A2	32.6	16.0	0.1	-	This is a large area of disturbed seabed visible in the SSS data as a group of curvilinear dark reflectors that appear to be joined at one end and fan outwards. The features have bright shadows but with little height off the seabed, there may be further indistinct linear features buried within the vicinity of this seabed disturbance. In the MBES data, this feature is visible as an indistinct area of disturbed seabed, and could represent debris or be a natural feature	-
7010	Debris	622619	5630652	A2	13.0	11.0	-0.5	26	In the SSS data this is a medium sized, distinctive dark reflector with a very bright shadow that is situated within a depression. In the MBES data this is clearly visible as a large and smaller mound situated within a large depression, or scour. The smaller mound measures 1.0 x 0.9 x 0.1 m and the larger mound measures 2.0 x 1.5 x 0.4 m. The depression measurements are 13.0 x 11.0 x -0.5 m, there are two shallower depressions situated directly to the north-west that may be related. This feature has a small associated magnetic anomaly, indicating some ferrous material is present. This is a possible ferrous debris object	-
7014	Debris field	624048	5630305	A2	2.4	2.4	0.6	-	In the SSS data this is visible as a thin, linear shaped dark reflector with a bright shadow and significant height off the seabed. In the MBES data this is a distinct, rounded mound with a slight peak, directly next to a larger but shorter mound measuring 8.5 x 8.0 m. This feature is situated on an oval, slightly raised area of seabed (12.2 x 6.1 m total area). This is a possible non-ferrous debris field	-
7015	Rope/chain	624954	5629873	A2	7.4	0.2	0.1	-	This is a thin and curvilinear shaped dark reflector with a bright shadow in the SSS data. This feature is a possible rope or chain situated on a sandy and featureless area of the seabed	-
7017	Dark reflector	625145	5629884	A2	2.7	0.2	0.1	-	A distinct and thin, straight dark reflector feature with a bright shadow that is situated on a rough and featureless area of the seabed. This feature could be a natural feature or item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7020	Dark reflector	624419	5630206	A2	5.0	0.5	0.5	-	A long and indistinct, straight dark reflector object with a very bright, large shadow. This could be a natural feature or item of debris	-
7021	Dark reflector	625197	5629948	A2	3.5	1.1	0.6	-	A medium sized 'v' shaped dark reflector feature with a bright and tapered shadow. In the MBES data this is visible as a distinct, peaked and rounded mound. This could be a natural feature or item of debris	-
7022	Dark reflector	625309	5629994	A2	2.8	1.7	0.7	-	This is a medium sized and slightly curvilinear shaped dark reflector feature with a very bright shadow. In the MBES data this is visible as a distinct and slightly elongated mound. This could be a natural feature or item of debris	-
7023	Dark reflector	625285	5629983	A2	1.9	1.9	0.7	-	A small and indistinct dark reflector feature with a very bright shadow and significant height off the seabed. This is visible in the MBES data as a small and rounded mound and could be a natural feature or item of debris	-
7025	Dark reflector	625280	5629960	A2	2.9	2.3	0.5	-	An indistinct, 'v' shaped dark reflector feature with a bright shadow. The feature appears to be more angular than the surrounding seabed features in this area. In the MBES data this is visible as a small and rounded mound. This could be a natural feature or item of debris	-
7028	Magnetic	621966	5631794	A2	-	-	-	1108	Very Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7029	Magnetic	621947	5631797	A2	-	-	-	83	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7030	Magnetic	621981	5631771	A2	-	-	-	89	Medium symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7031	Magnetic	621856	5631803	A2	-	-	-	47	A small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7032	Magnetic	621969	5631736	A2	-	-	-	167	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7033	Magnetic	621829	5631670	A2	-	-	-	193	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7034	Magnetic	621926	5631608	A2	-	-	-	535	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7035	Magnetic	621882	5631598	A2	-	-	-	228	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression. Possibly related to magnetic anomaly <b>7036</b>	-
7036	Magnetic	621875	5631592	A2	-	-	-	104	Large symmetrical dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression. Possibly related to magnetic anomaly <b>7035</b> . This anomaly was identified in the previous survey as a pair of magnetic anomalies measuring 32 and 60 nT	1094
7037	Magnetic	621860	5631610	A2	-	-	-	39	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7039	Magnetic	621787	5631439	A2	-	-	-	52	Medium symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7042	Magnetic	621987	5631446	A2	-	-	-	842	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7044	Magnetic	622046	5631371	A2	-	-	-	50	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7045	Magnetic	622116	5631309	A2	-	-	-	72	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7046	Magnetic	621963	5631309	A2	-	-	-	94	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7048	Magnetic	622079	5631237	A2	-	-	-	123	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7051	Magnetic	622023	5631184	A2	-	-	-	46	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression. This magnetic anomaly is within a previously assigned 50 m AEZ which has been recommended to be reduced to 25 m. This may be related to ferrous debris ( <b>7008</b> )	1093
7056	Magnetic	622120	5631163	A2	-	-	-	54	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7064	Magnetic	622259	5630908	A2	-	-	-	75	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7065	Magnetic	622353	5630986	A2	-	-	-	48	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7068	Magnetic	622545	5630821	A2	-	-	-	423	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7069	Magnetic	622527	5630754	A2	-	-	-	44	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7076	Magnetic	623678	5630347	A2	-	-	-	15	Small symmetric without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7077	Magnetic	623734	5630283	A2	-	-	-	42	Small positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7082	Magnetic	624005	5630317	A2	-	-	-	33	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7083	Magnetic	623996	5630344	A2	-	-	-	56	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7084	Magnetic	624249	5630132	A2	-	-	-	28	Small symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7087	Magnetic	624293	5630090	A2	-	-	-	24	Small positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7092	Magnetic	624643	5630020	A2	-	-	-	53	Medium symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7093	Magnetic	624723	5629996	A2	-	-	-	77	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7094	Magnetic	624665	5629961	A2	-	-	-	28	Small symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7095	Magnetic	624755	5629900	A2	-	-	-	68	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7100	Magnetic	625062	5629801	A2	-	-	-	65	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7101	Magnetic	625120	5629861	A2	-	-	-	22	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7105	Debris	625473	5629957	A2	1.1	0.9	0.4	723	A small and hollow shaped dark reflector with a bright and tapered shadow. This feature is associated with a very large magnetic anomaly, indicating ferrous material is present. This feature is visible in the MBES data as a small and rounded mound. This is a possible ferrous item of debris	-
7106	Magnetic	625554	5629945	A2	-	-	-	176	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7107	Magnetic	625560	5629937	A2	-	-	-	56	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7108	Magnetic	625557	5630004	A2	-	-	-	2097	A large spread of magnetic anomalies that appear to be clustered and related, spread across an area measuring approximately 37.0 m across the study area	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7111	Magnetic	625588	5630015	A2	-	-	-	68	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7112	Magnetic	625622	5630074	A2	-	-	-	214	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7113	Magnetic	625738	5630076	A2	-	-	-	249	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7114	Magnetic	625691	5630103	A2	-	-	-	302	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7115	Magnetic	625706	5630134	A2	-	-	-	124	Large symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7116	Magnetic	625588	5629861	A2	-	-	-	980	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7117	Mound	621876	5631885	A2	8.2	7.8	0.1	-	A medium sized circular mound with a fairly flat top amongst a flat seabed. This feature looks anomalous to the surrounding seabed. This is not covered by the SSS or magnetometer data	-
7118	Debris field	621962	5631745	A2	5.0	4.5	0.1	-	A medium sized area comprising indistinct dark reflector objects with shadows, a possible debris field. The features look slightly anomalous to the surrounding seabed and could be a natural features or debris objects	-
7130	Debris	622704	5631178	A2	4.6	0.7	0.3	20	A long and thin curvilinear shaped dark reflector with a bright and tapered shadow. This feature has a small associated magnetic anomaly, indicating ferrous material is present and is also visible in the MBES data as a rounded mound. This is a possible ferrous item of debris	-
7131	Debris	623003	5630822	A2	4.3	1.5	0.3	-	A medium sized, distinct curvilinear dark reflector feature that may be broken up or partially buried by sands. The object has a bright shadow and is isolated on a flat and featureless area of seabed. In the MBES data this is visible as an elongated mound that has an indistinct object attached. This is a possible item of debris. This is not covered by the magnetometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7132	Debris	622817	5631072	A2	4.2	0.3	0.2	-	A long, thin and curvilinear shaped dark reflector feature with a very bright shadow and slight height off the seabed. This is an isolated possible item of debris situated on a sandy area of the seabed. This is not covered by the magnetometer data	-
7133	Debris	623955	5630581	A2	2.4	2.0	0.0	-	A long and slightly irregularly shaped rectangular bright reflector feature that is situated on a gravelly area of seabed. In the MBES data this is visible as a mound with a rounded top. This is a possible item of debris. This is not covered by the magnetometer data	-
7134	Debris	626030	5629732	A2	4.0	2.5	1.0	-	A slightly curvilinear shaped dark reflector with a large bright shadow and significant height off the seabed. This object is visible in the MBES data as a distinct medium sized, isolated mound. This is a possible item of debris. This is not covered by the magnetometer data	-
7135	Debris	625887	5629555	A2	4.0	0.2	0.1	-	A long, thin and curvilinear shaped dark reflector with a shadow and slight height off the seabed. This is a possible item of debris. This is not covered by the magnetometer data	-
7139	Debris	623967	5629747	A2	6.1	0.4	0.2	-	A distinct right angled, dark reflector object that has a short shadow and slight height off the seabed. The feature has an indistinct rounded dark reflector in its centre. This is a possible item of debris. This is not covered by the magnetometer data	-
7140	Debris field	625548	5629584	A2	7.4	2.4	0.1	126	A medium sized area of possible debris features comprising indistinct dark reflectors with shadows that are exposed on a sandy area of the seabed. Some of the objects are situated in a slight depression. This feature has a large associated magnetic anomaly, indicating ferrous material is present. This is a possible ferrous debris field	-
7143	Dark reflector	625464	5629634	A2	5.3	2.9	0.3	-	A distinct, medium sized dark reflector object with a bright shadow at one end, the feature appears to have pointed edges. In the MBES data this is visible as a rounded mound. This could be a natural feature item of debris. This is not covered by the magnetometer data	-
7145	Rope/chain	625416	5629498	A2	13.4	2.8	0.5	-	A distinct, curvilinear dark reflector feature with a bright shadow, the feature is possibly broken in places or partially buried by sands. This is a possible length of rope or chain. This is not covered by the magnetometer data	-





ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7148	Rope/chain	622444	5631439	A2	7.0	2.3	0.2	446	A possible coiled rope or chain situated on a sandy area of the seabed. One section of the feature is a very distinct, curvilinear dark reflector with a shadow and the other section is more indistinct and possibly buried by sands. This feature has an associated large magnetic anomaly, indicating ferrous material is present. This is a possible ferrous rope/chain, more likely chain	-
7150	Rope/chain	621830	5631017	A2	32.0	0.4	0.1	-	A long and thin curvilinear shaped dark reflector with a bright shadow and displaying little height off the seabed, this is a possible rope or chain	-
7151	Rope/chain	625623	5629826	A2	9.1	0.5	0.6	1683	A distinct 'v' shaped dark reflector object with a bright shadow, the object appears to have an indistinct linear dark reflector attached to it and may be an object on the end of a rope or chain. In the MBES data a small and oval shaped mound is visible. This feature has an associated large magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris that may be a rope or chain with an anchor attached, however this can only be confirmed by visual inspection	-
7152	Rope/chain	625544	5629622	A2	7.7	0.5	0.4	-	A distinct and small oval shaped dark reflector object with a long, thin and curvilinear shaped possible rope or chain attached to it, the object has significant height off the seabed. This be a rope or chain with an anchor attached, however this can only be confirmed by visual inspection	-
7153	Dark reflector	625661	5629854	A2	3.6	0.8	0.4	-	A medium sized, slightly curvilinear dark reflector feature with a very large and bright shadow. This feature looks more distinct than the surrounding seabed anomalies. In the MBES data this is visible as a small and rounded mound. This could be a natural feature or item of debris.	-
7155	Debris	625637	5629703	A2	4.0	0.5	0.4	-	A long and curvilinear shaped distinct dark reflector object with a shadow, the feature possibly has an object attached to one end and may be an item of debris	-
7156	Rope/chain	622552	5631324	A2	8.5	0.2	0.0	-	A long and thin curvilinear shaped dark reflector with no shadow that is possibly in a slight depression on a rough and featureless area of the seabed. This may be a length of rope or chain	-
7159	Magnetic	621798	5631097	A2	-	-	-	19	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7161	Magnetic	621707	5631137	A2	-	-	-	103	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7162	Magnetic	621819	5630970	A2	-	-	-	27	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7163	Magnetic	621736	5630999	A2	-	-	-	45	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7169	Magnetic	622589	5631316	A2	-	-	-	24	Small negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7004	Dark reflector	625522	5629924	A2	2.3	0.6	0.5	-	This is a long, thin and distinct linear dark reflector feature with a long and bright shadow that looks more anthropogenic than the surrounding seabed features in this area. This could be a natural feature or item of debris	-
7005	Rope/chain	625643	5630045	A2	26.4	1.7	0.5	139	This is a very long and thick linear dark reflector that is right angled across its extent. The feature has a rounded dark reflector attached at its centre with a very long and bright shadow. There is a large associated magnetic anomaly, indicating ferrous material is present. In the MBES data this is visible as a small mound measuring 1.5 x 1.0 x 0.2 m within a triangular shaped depression (the depression measures 10.5 x 10.0 m). This may be a modern ferrous rope or chain feature, however this can only be confirmed by visual inspection	-
7008	Debris	622006	5631167	A2	1.4	1.4	0.4	376	This is an indistinct dark reflector with a very bright and tapered shadow that is isolated and distinct on a sandy area of the seabed, it has a slightly triangular shaped profile. The object has a large associated magnetic anomaly, indicating ferrous material is present. This is visible in the MBES data as a small and rounded mound, and is a possible piece of ferrous debris. This feature was identified in a previous survey and has an AEZ of 50 m assigned, but, based on new data, it is recommended that this be reduced to 25 m. The anomaly is situated outside of the study area, but the AEZ encroaches upon the study area and so the record is retained in the gazetteer	1093



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7011	Debris	622041	5631224	A2	5.0	2.4	0.5	1558	In the SSS data this is visible as a distinct 'v' shaped dark reflector with a bright and tapered shadow, the feature may be in a slight depression. In the MBES data this is a small isolated mound, with no defined edges and a fairly rounded shape. This feature has an associated very large magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris isolated on a sandy area of the seabed	-
7012	Debris	622190	5631087	A2	1.8	1.2	0.2	842	This is a thin and slightly curvilinear shaped dark reflector with a bright and rounded shadow. The feature is indistinct, and situated on a sandy area of seabed. The object has a very large associated magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris	-
7013	Debris	622237	5631053	A2	2.5	1.0	0.5	493	In the SSS data this is a rectangular shaped dark reflector with a bright and tapered shadow that is isolated on a sandy and gravelly area of the seabed. In the MBES data this is visible as a small mound within a depression or scour, the depression measures approximately 3 m wide. There is a large associated magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris. This feature was identified in a previous survey and has an AEZ of 50 m assigned to it, but, based on new data, it is recommended this be reduced to 25 m.	1092
7016	Debris	624457	5630087	A2	1.5	0.2	0.3	23	A small and indistinct dark reflector with a large and bright shadow. This feature is isolated on a sandy and gravelly area of the seabed and has a small associated magnetic anomaly, indicating ferrous material is present. This is possibly a ferrous item of debris	-
7018	Debris	625150	5629876	A2	3.0	0.9	0.0	369	An indistinct, straight bright reflector feature that is situated on a rough and uneven area of seabed. The feature has an associated large magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7019	Debris field	624967	5629971	A2	22.6	13.3	0.0	155	This is a large debris field containing some small dark reflector objects with shadows exposed, situated within sandy and gravelly sediments. There is a large rectangular area of low reflectivity visible and possibly further buried material within the area. In the MBES data this is visible as an irregularly shaped, slightly mounded feature. It has a triangular shaped profile and two slight peaks on two of the corners. The feature has an associated large magnetic anomaly indicating ferrous material is present. This is a possible ferrous debris field	-
7026	Debris field	625188	5629866	A2	14.9	9.0	0.5	1540	This is a large debris field containing indistinct dark reflector objects and situated in a slight depression. A linear dark reflector is discernible measuring 3.2 x 0.4 m and there is possibly further buried debris objects within sandy sediments. In the MBES data this is visible as an irregularly shaped, mounded feature with a slightly right angled profile on the seabed and uneven peaks. This feature has a very large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous debris field	-
7027	Debris field	625273	5629907	A2	3.4	2.5	0.3	338	This is a small debris field containing indistinct, dark reflector objects, each measuring less than 0.5 m, within a depression or an area of low reflectivity. The feature has an associated large magnetic anomaly indicating ferrous material is present. In the MBES data this appears as a small and irregularly shaped mound. This is a possible ferrous debris field	-
7038	Magnetic	621783	5631483	A2	-	-	-	886	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7040	Magnetic	621829	5631399	A2	-	-	-	168	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7041	Magnetic	621914	5631423	A2	-	-	-	81	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7043	Magnetic	621996	5631410	A2	-	-	-	126	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7047	Magnetic	622057	5631240	A2	-	-	-	193	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7049	Magnetic	622080	5631214	A2	-	-	-	90	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7050	Magnetic	622062	5631218	A2	-	-	-	280	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7052	Magnetic	622186	5631193	A2	-	-	-	266	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7053	Magnetic	622114	5631187	A2	-	-	-	82	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7054	Magnetic	622130	5631167	A2	-	-	-	160	Large symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7055	Magnetic	622133	5631155	A2	-	-	-	59	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7057	Magnetic	622158	5631146	A2	-	-	-	186	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7058	Magnetic	622137	5631127	A2	-	-	-	374	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7059	Magnetic	622134	5631114	A2	-	-	-	65	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7060	Magnetic	622081	5631105	A2	-	-	-	116	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7061	Magnetic	622165	5631013	A2	-	-	-	29	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7062	Debris	622320	5631046	A2	3.0	1.7	0.1	392	A small and oval shaped bright reflector object that is very indistinct in the SSS data. In the MBES data this is visible as a small and isolated mound. This feature has an associated large magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7063	Magnetic	622272	5630991	A2	-	-	-	48	Small symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7066	Magnetic	622428	5630718	A2	-	-	-	167	Large symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7067	Magnetic	622457	5630770	A2	-	-	-	46	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7070	Magnetic	622499	5630661	A2	-	-	-	310	Large symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7071	Magnetic	622490	5630639	A2	-	-	-	120	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7072	Magnetic	623123	5630346	A2	-	-	-	21	Small symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7073	Magnetic	623252	5630410	A2	-	-	-	24	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7074	Magnetic	623462	5630304	A2	-	-	-	57	Medium symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7075	Magnetic	623541	5630328	A2	-	-	-	631	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7078	Magnetic	623779	5630251	A2	-	-	-	48	Small negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7079	Magnetic	623842	5630330	A2	-	-	-	137	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7080	Magnetic	623952	5630223	A2	-	-	-	263	Large symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7081	Magnetic	624007	5630327	A2	-	-	-	269	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7085	Magnetic	624257	5630110	A2	-	-	-	141	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7086	Magnetic	624269	5630095	A2	-	-	-	98	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7088	Magnetic	624506	5630054	A2	-	-	-	201	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7089	Magnetic	624471	5630010	A2	-	-	-	29	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7090	Magnetic	624576	5629976	A2	-	-	-	299	Large symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7091	Magnetic	624599	5629991	A2	-	-	-	113	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7096	Magnetic	624792	5629890	A2	-	-	-	114	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7097	Debris	624905	5629976	A2	4.2	3.0	0.2	140	In the MBES data this is visible as an irregularly shaped, medium sized mound, The feature has a large associated magnetic anomaly indicating ferrous material is present. This feature is not visible in the SSS data. This is a possible ferrous item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7098	Magnetic	624954	5629860	A2	-	-	-	429	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7102	Magnetic	625265	5629907	A2	-	-	-	249	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7103	Magnetic	625310	5629897	A2	-	-	-	282	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7104	Magnetic	625296	5629849	A2	-	-	-	78	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7109	Magnetic	625614	5629986	A2	-	-	-	708	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7110	Magnetic	625646	5629968	A2	-	-	-	72	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7136	Rope/chain	625252	5629402	A2	10.1	0.8	0.2	-	A long length of rope or chain with an object attached to one end. This is visible in the SSS as a curvilinear dark reflector feature with a slight shadow, the dark reflector attached to one end measures 1.6 x 0.8 m and may be an anchor, however this can only be confirmed by visual inspection. This is not covered by the magnetometer data	-
7137	Debris field	625915	5629739	A2	6.8	1.9	0.7	-	An irregularly shaped, curvilinear dark reflector object with a bright shadow. This could possibly be the edge of a feature that is partially buried or a group of small objects. In the MBES data this is visible as a large and distinct, rounded mound. This is a possible debris field. This is not covered by the magnetometer data	-
7138	Rope/chain	625898	5629723	A2	4.4	0.2	0.1	-	A short and thin curvilinear shaped dark reflector with a shadow in parts, and slight height off the seabed. This may be a short length of rope or chain situated on a rough and featureless area of the seabed. This is not covered by the magnetometer data	-





ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7141	Debris	625524	5629562	A2	0.9	0.3	0.2	239	A very small dark reflector with a bright shadow that appears to be situated in a slight depression. This feature has an associated large magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris.	-
7142	Seabed disturbance	625429	5629606	A2	10.3	7.6	0.1	-	A large area of disturbed seabed containing some small dark reflector objects along with larger bright reflector objects (the largest object measures 7.1 x 1.9 m). This feature is visible in the MBES data as a small mound next to an oval shaped depression. This is a large area of disturbed seabed possibly concealing buried debris objects. This is not covered by the magnetometer data	-
7144	Debris	625598	5629707	A2	8.1	1.6	0.6	78	A medium sized, elongated feature that curves back on itself, this is a very distinct dark reflector with a bright shadow and significant height off the seabed. One end of the feature displays more height than the other (0.3 m at one end). This object has an associated medium sized magnetic anomaly indicating ferrous material is present and is a possible ferrous item of debris	-
7146	Rope/chain	625363	5629772	A2	20.3	0.3	0.1	-	A long and thin, curvilinear dark reflector feature that appears to have a loop at one end, the feature has slight height off the seabed and is possibly situated within a slight depression. This is a possible length of rope or chain. This is not covered by the magnetometer data	-
7147	Debris	622376	5631499	A2	1.8	0.2	0.1	59	A short, curvilinear dark reflector object with a bright shadow, this feature is isolated and distinct on the seabed. This feature has an associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7149	Debris field	622570	5631333	A2	18.5	4.4	0.4	189	A large spread of possible debris objects comprising distinct circular dark reflectors that are joined by curvilinear possible ropes or chains. This feature has a large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous debris field, or modern material, however this can only be confirmed by visual inspection	-
7154	Debris	625627	5629713	A2	4.0	1.8	0.7	33	An indistinct, medium sized dark reflector feature that may be partially buried or broken up with a large, bright and tapered shadow. This feature is associated with a small magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7157	Magnetic	621834	5631181	A2	-	-	-	46	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7158	Magnetic	621780	5631138	A2	-	-	-	28	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7160	Magnetic	621826	5631095	A2	-	-	-	18	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7164	Magnetic	625469	5629728	A2	-	-	-	387	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7165	Magnetic	625530	5629739	A2	-	-	-	1454	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7166	Magnetic	622420	5631448	A2	-	-	-	35	Small symmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7167	Magnetic	622504	5631399	A2	-	-	-	216	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7168	Magnetic	622592	5631332	A2	-	-	-	56	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7345	Debris	625566	5629726	A2	2.5	1.2	0.3	200	A small, slightly angular dark reflector with a long shadow, the object looks slightly pointed and is visible in the MBES data as a small mound within a depression. There is a large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7346	Magnetic	625623	5629754	A2	-	-	-	3774	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7347	Magnetic	625487	5629467	A2	-	-	-	38	Small positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7348	Magnetic	625419	5629435	A2	-	-	-	29	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7349	Magnetic	625404	5629409	A2	-	-	-	72	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7350	Magnetic	625552	5629696	A2	-	-	-	14	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7661	Magnetic	623500	5629848	A2	-	-	-	56	Identified in the previous assessment and described as a magnetic anomaly measuring 55.65 nT coinciding with south-west edge of a bathymetric depression. Not identified in the most recent geophysical dataset and may have since been buried, this location is only covered by the MBES data	1091



## Appendix 2: Seabed features of archaeological potential (HVDC nearshore)

ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7201	Rope/chain	625812	5627545	A2	11.1	1.3	0.3	-	A long and straight linear dark object with some slight bright shadow and a larger amount of shadow at one end. This object is situated on a rough and uneven area of the seabed and may be a rope or chain	-
7202	Debris field	625673	5627766	A2	6.7	3.6	0.1	1156	A medium sized irregular area of objects. A curvilinear dark reflector (3.4 x 1.8 m) with slight height is visible and three distinct dark reflectors close together (2.8 x 0.1 m) with some scour and slight height. There is a very large associated magnetic anomaly, identified in magnetometer and gradiometer data indicating ferrous material is present. This is a possible ferrous debris field	-
7203	Debris	625379	5629126	A2	2.2	1.8	0.4	1176	A small but distinct angular dark reflector object with a bright thin shadow and in a slight depression. This object has a very large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7204	Rope/chain	625630	5628013	A2	14.5	0.2	0.1	-	A long and thin curvilinear dark reflector with some slight bright shadow. This feature is possibly related to similar feature <b>7205</b> situated 23.0 m to the north-west. This is a possible rope or chain	-
7205	Rope/chain	625621	5628048	A2	15.4	0.1	0.0	-	A long and thin curvilinear dark reflector with no shadow that may be broken up or partially buried. This feature is possibly related to similar feature <b>7204</b> situated 23.0 m to the south-east. This is a possible rope or chain	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7206	Debris field	625569	5629718	A2	21.0	6.0	0.3	37	A large oval shaped area of disturbed seabed comprising some distinct and many indistinct dark reflectors with shadows, the feature appears to be buried. This feature is visible in the MBES data as an elongated mound. There is a small associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous debris field	-
7207	Debris	627017	5626177	A2	4.1	0.7	0.1	-	A long and straight dark linear object with some bright shadow situated within large sand waves, this is a possible linear item of debris	-
7208	Debris	627105	5626083	A2	1.9	0.6	0.1	391	A short and straight linear dark reflector object with some slight height off the seabed, this object is lying perpendicular to the sand waves and has a large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7209	Debris	625609	5628196	A2	1.6	1.5	0.1	252	A small, elliptical dark reflector with some scour and a possible associated bright shadow. This object has a large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7210	Magnetic	625671	5629933	A2	-	-	-	80	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7211	Magnetic	625377	5629234	A2	-	-	-	133	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7212	Magnetic	625442	5628771	A2	-	-	-	54	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7213	Magnetic	625469	5628760	A2	-	-	-	513	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7214	Magnetic	625595	5628158	A2	-	-	-	565	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, this anomaly may extend 10 m to the west	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7215	Magnetic	625658	5627811	A2	-	-	-	487	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7217	Magnetic	625806	5627533	A2	-	-	-	91	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7218	Magnetic	625820	5627518	A2	-	-	-	186	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7219	Magnetic	625819	5627535	A2	-	-	-	826	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7220	Magnetic	625887	5627432	A2	-	-	-	321	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7221	Magnetic	625871	5627426	A2	-	-	-	253	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7222	Magnetic	625976	5627288	A2	-	-	-	378	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7223	Magnetic	625989	5627298	A2	-	-	-	1827	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7224	Magnetic	626038	5627229	A2	-	-	-	544	Very large negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7225	Magnetic	626156	5627157	A2	-	-	-	199	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7226	Magnetic	626203	5627116	A2	-	-	-	81	Medium positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7227	Magnetic	626128	5627169	A2	-	-	-	239	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7228	Magnetic	626107	5627172	A2	-	-	-	234	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7229	Magnetic	626420	5626931	A2	-	-	-	1106	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7230	Magnetic	626342	5626976	A2	-	-	-	171	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7231	Magnetic	626567	5626717	A2	-	-	-	631	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7232	Magnetic	626685	5626594	A2	-	-	-	166	Large positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7233	Magnetic	626702	5626567	A2	-	-	-	120	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7234	Magnetic	626946	5626278	A2	-	-	-	208	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7235	Magnetic	626948	5626235	A2	-	-	-	6417	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7236	Magnetic	626918	5626275	A2	-	-	-	294	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7237	Bright reflector	626369	5626957	A2	4.0	0.9	0.0	-	A medium sized oval shaped bright reflector, this is an isolated object situated in-between sand waves. This could be a natural feature or an item of debris	-
7238	Debris	625882	5627418	A2	3.0	0.9	0.1	-	A hollow rectangular shaped dark reflector object with a bright shadow, the object appears to be buried by sands in parts. This is a possible medium sized debris feature	-
7311	Debris field	627077	5626098	A2	10.7	8.2	0.8	352	A large spread of buried sub-angular dark reflector objects with varying shadows visible amongst sand waves. The objects are quite indistinct though some appear to be linear. There is a large associated magnetic anomaly indicating ferrous material is present. This is a debris field, possibly containing buried ferrous objects	-
7312	Debris	626239	5627063	A2	1.1	0.8	0.2	125	A small and distinct dark reflector object with a slightly angular profile. The object has a slight shadow and is situated between sand waves, isolated on the seabed with some slight sediment disturbance visible. There is a large associated magnetic anomaly, identified in the gradiometer data, indicating ferrous material is present. This is a possible ferrous item of debris	-
7313	Magnetic	626941	5626268	A2	-	-	-	181	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7314	Magnetic	627040	5626125	A2	-	-	-	344	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7315	Magnetic	627082	5626079	A2	-	-	-	272	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7316	Magnetic	627094	5626074	A2	-	-	-	178	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-





ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7317	Magnetic	627096	5626089	A2	-	-	-	91	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7318	Magnetic	627164	5625964	A2	-	-	-	625	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7319	Magnetic	627176	5625948	A2	-	-	-	177	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7320	Magnetic	627204	5625905	A2	-	-	-	125	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7321	Magnetic	625729	5627660	A2	-	-	-	198	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7322	Magnetic	625740	5627642	A2	-	-	-	67	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7323	Magnetic	625865	5627462	A2	-	-	-	608	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7324	Magnetic	625859	5627440	A2	-	-	-	245	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7325	Magnetic	625931	5627346	A2	-	-	-	170	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7326	Magnetic	625965	5627321	A2	-	-	-	358	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7327	Magnetic	625964	5627317	A2	-	-	-	200	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7328	Magnetic	625988	5627268	A2	-	-	-	147	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7329	Magnetic	626026	5627269	A2	-	-	-	52	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7330	Magnetic	626046	5627244	A2	-	-	-	402	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7331	Magnetic	626039	5627237	A2	-	-	-	43	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7332	Magnetic	626068	5627207	A2	-	-	-	63	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7333	Magnetic	626086	5627211	A2	-	-	-	82	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7334	Magnetic	626082	5627191	A2	-	-	-	85	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7335	Magnetic	626118	5627160	A2	-	-	-	72	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7336	Magnetic	626129	5627174	A2	-	-	-	91	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7337	Magnetic	626145	5627171	A2	-	-	-	82	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7338	Magnetic	626132	5627153	A2	-	-	-	241	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7339	Magnetic	626140	5627142	A2	-	-	-	78	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7340	Magnetic	626154	5627138	A2	-	-	-	200	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7341	Magnetic	626195	5627119	A2	-	-	-	39	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7342	Magnetic	626270	5627036	A2	-	-	-	109	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7343	Magnetic	626278	5627041	A2	-	-	-	42	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7344	Magnetic	626429	5626930	A2	-	-	-	80	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7170	Debris	627457	5625575	A2	1.9	0.7	0.2	104	An indistinct straight and short linear dark reflector object with a bright and angular shadow. This feature is isolated on a gravelly area of the seabed and has a large associated magnetic anomaly indicating ferrous debris	-
7171	Debris	628877	5624791	A2	3.3	0.3	0.2	83	A distinct, straight edged object with some slight scour and a slightly curved and bright shadow. This feature is situated within sand waves and has an associated medium magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7172	Dark reflector	629148	5624731	A2	4.1	0.1	0.1	-	A thin, curvilinear dark reflector feature with some varied bright shadow, this object is situated 6 m east of a similar object ( <b>7173</b> ) and may be related. This could be a natural feature or item of debris	-
7173	Dark reflector	629140	5624730	A2	7.3	0.4	0.2	-	A thin curvilinear dark reflector with some slight shadow and a taller angular shadow at one end. This feature is lying perpendicular to the sand waves and is situated 6.0 m west of a similar object ( <b>7172</b> ) and may be related. This could be a natural feature or item of debris	-
7174	Rope/chain	629116	5624725	A2	33.1	9.5	0.3	-	A distinct and right angled linear dark reflector with a shadow, the feature varies in width across its extent, with the majority of its length being thin (<0.5 m), and thickest point measures 9.5 m at the right angled edge. This is a possible length of rope or chain, more likely to be rope as there is no associated magnetic anomaly	-
7175	Dark reflector	629138	5624714	A2	8.7	0.4	0.2	-	A thin and curvilinear dark reflector object with varying bright shadow, this feature is possibly associated with the nearby rope and chain to its west ( <b>7174</b> ). This could be a natural feature or item of debris	-
7176	Dark reflector	629106	5624720	A2	5.5	0.3	0.3	-	A thin and straight dark reflector object with a slight, bright shadow, this object is situated 10 m south-west of a rope or chain ( <b>7174</b> ) and may be related. This could be a natural feature or item of debris	-
7177	Dark reflector	629203	5624714	A2	4.7	1.3	0.2	-	A distinct, curved dark reflector object with a corresponding bright shadow, one of three features ( <b>7178</b> and <b>7179</b> ) in an intermittent linear alignment on a sand wave rich area of the seabed. This could be a natural feature or item of debris	-
7178	Dark reflector	629208	5624713	A2	5.1	0.4	0.2	-	A distinct curved dark reflector object with a corresponding bright shadow, one of three features ( <b>7177</b> and <b>7179</b> ) in an intermittent linear alignment on a sand wave rich area of seabed. This could be a natural feature or item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7179	Dark reflector	629219	5624711	A2	5.8	0.3	0.2	-	A distinct slightly curvilinear dark reflector object with a corresponding bright shadow, one of three features ( <b>7177</b> and <b>7178</b> ) in an intermittent linear alignment on a sand wave rich area of seabed. This could be a natural feature or item of debris	-
7180	Dark reflector	629205	5624718	A2	5.2	0.6	0.1	-	A slightly oval shaped dark reflector object with a bright shadow, possibly related to three dark reflector objects ( <b>7177</b> , <b>7178</b> and <b>7179</b> ) 5 m south, this is situated on a sand wave rich area of seabed. This could be a natural feature or item of debris	-
7182	Dark reflector	629094	5624726	A2	4.4	0.4	0.1	-	A thin and straight dark reflector feature with a slight bright shadow. Situated on a rough and uneven area of the seabed. This could be a natural feature or item of debris	-
7183	Magnetic	627156	5626003	A2	-	-	-	401	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7184	Magnetic	627204	5625912	A2	-	-	-	835	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7185	Magnetic	627190	5625958	A2	-	-	-	421	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7186	Magnetic	627322	5625743	A2	-	-	-	122	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7187	Magnetic	627328	5625772	A2	-	-	-	149	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7188	Magnetic	627523	5625454	A2	-	-	-	81	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7189	Magnetic	627554	5625414	A2	-	-	-	184	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7190	Magnetic	627458	5625540	A2	-	-	-	300	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7191	Magnetic	627400	5625628	A2	-	-	-	332	Large irregular magnetic anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7192	Magnetic	627348	5625708	A2	-	-	-	109	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7193	Magnetic	627374	5625705	A2	-	-	-	92	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7194	Magnetic	627413	5625647	A2	-	-	-	78	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7196	Magnetic	627568	5625388	A2	-	-	-	197	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7197	Magnetic	627796	5625165	A2	-	-	-	1017	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7198	Magnetic	628483	5624868	A2	-	-	-	152	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7199	Magnetic	628625	5624838	A2	-	-	-	403	Large positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7200	Magnetic	628669	5624831	A2	-	-	-	518	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7351	Magnetic	627252	5625853	A2	-	-	-	181	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7352	Magnetic	627284	5625823	A2	-	-	-	1792	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7353	Magnetic	627333	5625745	A2	-	-	-	120	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7239	Dark reflector	631909	5624283	A2	3.7	0.5	0.1	-	A long and thin linear dark reflector feature lying on a different angle to the natural features on this area of seabed. The object has slight height and is situated 5.0 m east from a similar feature ( <b>7240</b> ). This could be a natural feature or an item of debris	-
7240	Dark reflector	631896	5624285	A2	2.4	0.1	0.0	-	A linear dark reflector object with slight height situated 5.0 m west of a similar object ( <b>7239</b> ). This could be a natural feature or item of debris	-
7241	Debris field	631981	5624244	A2	7.5	3.6	0.6	1490	A spread of dark reflector objects with height that appears to be buried by sands and situated on a rough and featureless area of the seabed. The largest dark reflector object measures 3.7 x 0.3 m. There is a very shallow and indistinct depression visible in the MBES data. This feature has a very large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous debris field	-
7242	Dark reflector	632753	5623834	A2	4.0	3.6	0.4	-	A small dark reflector object with height measuring 2.4 x 1.5 m, situated on a mound. This is visible in the MBES data as an elongated mound, this could be a natural feature or partially buried object	-
7243	Rope/chain	634487	5622827	A2	53.9	0.5	0.0	261	A very long and thin linear dark reflector with no visible height. This feature crosses the study area orientated in a north-east to south-west direction. There is a large associated magnetic anomaly indicating ferrous material is present. This could be a length of rope or chain, however this can only be confirmed by visual inspection	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7244	Rope/chain	634425	5622877	A2	47.0	0.2	0.0	-	A long and thin linear dark reflector feature situated amongst the bed forms and lying perpendicular to them. This may be a rope or chain feature, that is not always exposed which suggests that it is buried by sands across its extent or broken up	-
7245	Rope/chain	634173	5623008	A2	60.6	0.4	0.0	5155	A very long and thin linear dark reflector with no visible height off the seabed. This feature crosses the study area in a north-east to south-west orientation. This has a very large associated magnetic anomaly indicating ferrous material is present. This is visible in the MBES data as a linear mound extending across the study area. This could be a length of rope or chain, however this can only be confirmed by visual inspection	-
7246	Rope/chain	633890	5623167	A2	33.1	0.6	0.0	-	A long and thin bright reflector feature with no visible height off the seabed. This is possible a length of rope or chain orientated in a north-west to south-west direction on a sandy and featureless area of the seabed	-
7247	Dark reflector	634008	5623122	A2	1.4	0.6	0.1	-	A distinct, curved dark reflector feature with slight height off the seabed, this could be a natural feature or an item of debris	-
7248	Debris	629348	5624679	A2	1.4	0.4	0.7	930	A small and rounded dark reflector feature with significant height off the seabed. This object has a very large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7249	Rope/chain	630162	5624630	A2	32.4	0.1	0.1	118	A long and thin, linear dark reflector feature with little height off the seabed, orientated in a north-east to south-west orientation. This feature has a large associated magnetic anomaly indicating ferrous material is present. This is a possible rope or chain, more likely chain due to the magnetic anomaly associated	-
7250	Debris	633328	5623520	A2	7.6	1.0	0.3	-	A long and thin curvilinear shaped bright reflector object with a small dark reflector object attached to it at one end. This is situated on a flat area of seabed and is a possible item of debris	-





ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7251	Debris	632851	5623769	A2	1.0	0.6	0.3	352	A small, oval shaped dark reflector with height that appears slightly curved with possible more complex internal structure within the object. This object has a large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7252	Debris	633772	5623233	A2	7.6	0.8	0.0	48275	A long and straight linear dark linear reflector object with no visible height off the seabed. There is a very large associated magnetic anomaly, identified in the magnetometer and gradiometer data indicating ferrous material is present. This is situated south-east of a similar feature (7253) and may be related. This is a possible ferrous item of debris	-
7253	Debris	633766	5623239	A2	6.9	0.2	0.1	960	A long and straight linear dark linear reflector object with slight height off the seabed. There is a large associated magnetic anomaly indicating ferrous material is present. This object is situated north-west of a similar anomaly (7252) and may be related. This is a possible ferrous item of debris	-
7254	Debris	633801	5623215	A2	7.1	0.8	0.1	5530	A long and straight linear dark linear reflector object with slight height off the seabed. There is a very large associated magnetic anomaly indicating ferrous material is present, situated south-west of a similar anomaly (7252) and may be related. This is a possible ferrous item of debris	-
7255	Debris	634257	5622967	A2	1.7	0.4	0.1	2426	A small and slightly elongated dark reflector with slight height off the seabed, possibly broken up anomaly on a sandy and featureless area of the seabed. This object has a large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7256	Dark reflector	633974	5623140	A2	0.7	0.7	0.5	-	A small and indistinct dark reflector object with slight height off the seabed. This could be a natural feature or an item of debris	-
7257	Debris	631763	5624357	A2	1.3	0.7	0.1	216	A hollow, circular bright reflector object, situated on a rough and uneven area of the seabed. There is a large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7258	Rope/chain	629819	5624641	A2	16.3	0.2	0.0	-	A long and thin linear dark reflector object situated on a rough and uneven area of the seabed. This is a possible length of rope or chain or a natural feature	-
7259	Dark reflector	630853	5624535	A2	1.0	0.1	0.1	-	A small dark reflector object that is slightly curved at one end with slight height off the seabed. This could be a natural feature or item of debris	-
7260	Debris	630177	5624612	A2	1.3	0.1	0.1	2804	A small and slightly elongated dark reflector object with slight height off the seabed. This object has a defined edge and is associated with a very large magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7261	Dark reflector	631415	5624493	A2	5.3	0.2	0.1	-	A long, thin and slightly curvilinear shaped reflector with slight height, situated on a rough and uneven area of seabed. This could be a natural feature or item of debris	-
7262	Magnetic	629500	5624668	A2	-	-	-	438	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7263	Magnetic	629504	5624682	A2	-	-	-	436	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7264	Magnetic	629786	5624622	A2	-	-	-	157	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7265	Magnetic	630210	5624607	A2	-	-	-	599	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7266	Magnetic	630266	5624610	A2	-	-	-	2211	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7267	Magnetic	630484	5624594	A2	-	-	-	241	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7268	Magnetic	630540	5624587	A2	-	-	-	1669	Very large irregular anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



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7269	Magnetic	631350	5624506	A2	-	-	-	1360	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7270	Magnetic	631563	5624470	A2	-	-	-	756	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7271	Magnetic	629870	5624646	A2	-	-	-	503	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7272	Magnetic	630224	5624616	A2	-	-	-	490	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7273	Magnetic	630296	5624605	A2	-	-	-	1190	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7274	Magnetic	631689	5624387	A2	-	-	-	2551	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7275	Magnetic	632140	5624142	A2	-	-	-	367	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7276	Magnetic	632018	5624191	A2	-	-	-	223	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7277	Magnetic	633230	5623566	A2	-	-	-	368	Large irregular dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7278	Magnetic	633839	5623205	A2	-	-	-	3318	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7279	Magnetic	633249	5623577	A2	-	-	-	1566	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



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7281	Magnetic	631871	5624271	A2	-	-	-	356	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7282	Magnetic	633165	5623611	A2	-	-	-	261	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7283	Magnetic	633462	5623438	A2	-	-	-	193	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7284	Magnetic	633641	5623314	A2	-	-	-	444	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7285	Magnetic	634404	5622869	A2	-	-	-	1815	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7286	Magnetic	634368	5622893	A2	-	-	-	1021	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7287	Magnetic	634244	5622979	A2	-	-	-	988	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7288	Magnetic	634306	5622934	A2	-	-	-	233	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7289	Magnetic	634177	5622991	A2	-	-	-	553	Large irregular anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7290	Magnetic	633727	5623259	A2	-	-	-	1674	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7291	Magnetic	633878	5623196	A2	-	-	-	5416	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



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7292	Magnetic	633889	5623187	A2	-	-	-	1137	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7293	Magnetic	633516	5623374	A2	-	-	-	487	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7294	Magnetic	632537	5623925	A2	-	-	-	242	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7295	Magnetic	632321	5624054	A2	-	-	-	253	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7296	Magnetic	632037	5624191	A2	-	-	-	318	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7297	Magnetic	632101	5624159	A2	-	-	-	272	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7298	Magnetic	632125	5624146	A2	-	-	-	82	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7299	Magnetic	631638	5624424	A2	-	-	-	858	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7300	Magnetic	633676	5623294	A2	-	-	-	1063	Large irregular anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7301	Magnetic	629393	5624672	A2	-	-	-	738	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7302	Magnetic	629563	5624651	A2	-	-	-	376	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7303	Magnetic	629942	5624647	A2	-	-	-	265	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



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7304	Magnetic	631717	5624361	A2	-	-	-	268	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7305	Magnetic	631745	5624343	A2	-	-	-	595	Large negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7306	Magnetic	631780	5624326	A2	-	-	-	443	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7307	Magnetic	631818	5624308	A2	-	-	-	936	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7308	Magnetic	629740	5624630	A2	-	-	-	2186	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7309	Magnetic	630090	5624643	A2	-	-	-	1261	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7310	Magnetic	630809	5624542	A2	-	-	-	2934	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7354	Magnetic	629359	5624699	A2	-	-	-	236	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7355	Magnetic	629277	5624689	A2	-	-	-	381	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7356	Magnetic	629468	5624662	A2	-	-	-	278	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7357	Magnetic	629494	5624680	A2	-	-	-	1150	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



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7358	Magnetic	629691	5624637	A2	-	-	-	553	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7359	Magnetic	629663	5624651	A2	-	-	-	50	Medium positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7360	Magnetic	629715	5624632	A2	-	-	-	90	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7361	Debris	629927	5624637	A2	1.3	0.6	0.1	285	A small and elongated dark reflector feature with height and scour, situated on a rough and uneven area of the seabed. There is a large magnetic anomaly associated with this feature indicating ferrous material is present. This is a possible ferrous item of debris	-
7362	Magnetic	629947	5624634	A2	-	-	-	214	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7363	Magnetic	629970	5624623	A2	-	-	-	280	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7364	Magnetic	629988	5624639	A2	-	-	-	198	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7365	Magnetic	630059	5624619	A2	-	-	-	161	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7366	Magnetic	630099	5624628	A2	-	-	-	901	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7367	Magnetic	630309	5624592	A2	-	-	-	645	Large irregular anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7368	Magnetic	630366	5624589	A2	-	-	-	195	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7369	Magnetic	630409	5624598	A2	-	-	-	1179	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7370	Magnetic	630435	5624577	A2	-	-	-	3130	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7371	Magnetic	630533	5624564	A2	-	-	-	276	Large positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7372	Magnetic	630659	5624548	A2	-	-	-	725	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7373	Magnetic	630749	5624558	A2	-	-	-	446	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7374	Magnetic	630790	5624550	A2	-	-	-	8555	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology, identified in magnetometer and gradiometer data	-
7375	Magnetic	630807	5624557	A2	-	-	-	8038	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology, identified in the gradiometer data	-
7376	Magnetic	630850	5624554	A2	-	-	-	1943	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-





ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7378	Magnetic	630873	5624551	A2	-	-	-	485	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7379	Magnetic	630912	5624548	A2	-	-	-	560	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7380	Magnetic	630960	5624519	A2	-	-	-	229	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7381	Magnetic	630976	5624521	A2	-	-	-	180	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7382	Magnetic	631095	5624533	A2	-	-	-	408	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7383	Magnetic	631155	5624515	A2	-	-	-	1081	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7384	Magnetic	631374	5624484	A2	-	-	-	790	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology, identified in magnetometer and gradiometer data	-
7385	Magnetic	631431	5624481	A2	-	-	-	1297	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology, identified in magnetometer and gradiometer data	-
7386	Magnetic	631483	5624482	A2	-	-	-	1394	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7387	Magnetic	631488	5624464	A2	-	-	-	3928	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7388	Magnetic	631588	5624443	A2	-	-	-	5508	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7389	Magnetic	631545	5624454	A2	-	-	-	396	Large negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7390	Magnetic	631708	5624390	A2	-	-	-	1271	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology, identified in magnetometer and gradiometer data	-
7391	Magnetic	632200	5624093	A2	-	-	-	454	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7392	Magnetic	632260	5624083	A2	-	-	-	562	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7393	Magnetic	632473	5623948	A2	-	-	-	726	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7394	Magnetic	626919	5626305	A2	-	-	-	96	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data, situated 10.0 m north-east of a similar magnetic anomaly <b>7395</b>	-
7395	Magnetic	626912	5626298	A2	-	-	-	475	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data, situated 10.0 m south-west of a similar magnetic anomaly <b>7394</b>	-
7396	Magnetic	633564	5623362	A2	-	-	-	392	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7397	Magnetic	633605	5623353	A2	-	-	-	1330	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology, identified in magnetometer and gradiometer data	-
7398	Magnetic	633593	5623333	A2	-	-	-	334	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7399	Magnetic	633632	5623338	A2	-	-	-	303	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7400	Magnetic	633653	5623296	A2	-	-	-	2573	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7401	Magnetic	633770	5623260	A2	-	-	-	1197	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7402	Magnetic	633801	5623238	A2	-	-	-	1269	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7403	Magnetic	633955	5623158	A2	-	-	-	3893	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7404	Magnetic	634001	5623127	A2	-	-	-	866	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7405	Magnetic	634110	5623056	A2	-	-	-	1015	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7406	Magnetic	634153	5623027	A2	-	-	-	461	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7407	Magnetic	634194	5622978	A2	-	-	-	472	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7408	Magnetic	634275	5622943	A2	-	-	-	2468	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7409	Magnetic	634327	5622932	A2	-	-	-	619	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7410	Magnetic	634322	5622908	A2	-	-	-	1232	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7411	Magnetic	634359	5622914	A2	-	-	-	551	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7412	Rope/chain	634632	5622695	A2	71.8	0.5	0.1	-	A long linear dark reflector feature orientated in a north-east to south-west direction on a relatively flat and even area of the seabed. There may be a number of dark reflector objects (measuring approximately 2.3 x 0.8 x 0.1 m) attached across its extent which may indicate it is fishing gear. This feature extends beyond the edge of the study area and is a possible length of rope or chain	-
7413	Debris	634572	5622743	A2	1.6	0.6	0.2	542	A small and elongated dark reflector object with a slight shadow, this feature is possibly partially buried by fine sands and is isolated on the seabed. This object has a very large associated magnetic anomaly indicating ferrous material is present, this is a possible ferrous item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7414	Debris	634440	5622837	A2	1.4	1.0	0.1	-	A circular dark reflector object with a depression or hole in its centre, displaying very slight scour and height. This feature appears anomalous to the surrounding seabed and is situated in-between sand waves. This could be an item of debris or, possibly modern in the form of a tyre, however this can only be confirmed by visual inspection	-
7415	Dark reflector	634606	5622712	A2	1.8	0.2	0.2	-	An indistinct curvilinear dark reflector object with slight height. This feature may be partially buried by sands and could be a natural feature or an item of debris	-
7416	Debris	634339	5622904	A2	3.3	1.8	0.0	859	A small, rounded dark reflector feature with no clear definition in the SSS data, this feature appears to be partially buried by fine sands. The feature has an associated very large magnetic anomaly, identified in the gradiometer data, indicating ferrous material is present. This is a possible ferrous item of debris	-
7417	Dark reflector	634718	5622665	A2	1.7	1.0	0.3	-	A small dark reflector object that appears to be partially buried, the object has a bright shadow and is possibly in a depression on a sandy area of the seabed with some slight scour. This feature is faintly visible in the MBES data as a slight mound. This could be a natural feature or item of debris	-
7418	Debris	634707	5622651	A2	4.7	1.4	0.0	497	A long and thick, straight bright reflector object that looks anomalous to the surrounding seabed, this could be a slight mound or depression or a buried object. There is a large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7419	Rope/chain	635054	5622458	A2	67.2	0.8	0.0	1598	A very long and straight linear dark reflector feature that may be a length of rope or chain. The feature is orientated north-east to south-west and extends across the entire study area, with possible objects linked to it in places. The entire length of this feature has an associated very large magnetic anomaly, indicating ferrous material is present. This could be a rope or chain, or, may be modern debris relating to fishing activities, however this can only be confirmed by visual inspection	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7420	Debris field	636135	5622273	A2	40.5	17.3	0.0	4360	A large spread of curvilinear and linear dark reflector features. The objects are indistinct and are possibly partially buried debris objects. These features are situated within sand waves and are associated with a very large magnetic anomaly indicating ferrous material is present. This is a possible ferrous debris field	-
7421	Dark reflector	635921	5622313	A2	3.0	0.3	0.1	-	An elongated dark reflector object with slight height off the seabed. This object is situated within sand waves and has three similar objects within 16.0 m of its location that may be related ( <b>7422-4</b> ). This could be a natural feature or an item of debris	-
7422	Dark reflector	635915	5622316	A2	1.4	0.3	0.0	-	An elongated dark reflector object with slight height off the seabed. This object is situated within sand waves and has three similar objects within 10.0 m of its location that may be related ( <b>7421</b> , <b>7423</b> and <b>7424</b> ). This could be a natural feature or an item of debris	-
7423	Dark reflector	635914	5622319	A2	1.2	0.6	0.1	-	An elongated dark reflector object with slight height off the seabed. This object is situated within sand waves and has three similar objects within 10.0 m of its location that may be related ( <b>7421</b> , <b>7422</b> and <b>7424</b> ). This could be a natural feature or an item of debris	-
7424	Dark reflector	635905	5622319	A2	1.5	0.3	0.0	-	An elongated dark reflector object with slight height off the seabed. This object is situated within sand waves and has three similar objects within 16.0 m of its location that may be related ( <b>7421-3</b> ). This could be a natural feature or an item of debris	-
7425	Dark reflector	635944	5622313	A2	1.6	0.2	0.2	-	A small and straight dark reflector with slight height off the seabed. This is situated within sand waves and is possibly partially buried. This could be a natural feature or item of debris	-
7426	Dark reflector	635926	5622312	A2	1.0	0.3	0.1	-	A small and straight dark reflector with slight height off the seabed. This is situated within sand waves and is possibly partially buried. This could be a natural feature or item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7427	Seabed disturbance	635279	5622293	A2	3.8	2.2	0.0	-	A small and indistinct area of disturbed seabed seen in the SSS data as a linear bright reflector feature perpendicular to the bed form crests. This may be part of natural formation, or indication of buried debris. This feature is situated outside of the study area, however, it is within an AEZ ( <b>7534</b> ) and may relate to a recorded wreck	UKHO 19363
7428	Seabed disturbance	635279	5622283	A2	2.6	1.6	0.0	-	A small and indistinct area of disturbed seabed seen in the SSS data as a linear feature lying perpendicular to the bed form crest. This feature may be part of a natural formation or indication of buried debris. This feature is situated outside of the study area, however, it is within an AEZ ( <b>7534</b> ) and may relate to a recorded wreck	UKHO 19363
7429	Debris	635279	5622274	A2	3.6	0.3	0.0	-	A distinct, linear dark reflector feature with no clear or visible height, situated within sand waves and at the edge of the data range. This feature is situated outside of the study area, however, it is within an AEZ ( <b>7534</b> ) and may relate to a recorded wreck	UKHO 19363
7430	Bright reflector	636210	5622245	A2	4.6	0.3	0.0	-	A curved and almost oval shaped bright reflector feature, situated within sand waves. This could be a natural feature or an item of debris, possibly a coiled rope	-
7431	Debris field	636185	5622264	A2	20.5	11.5	0.1	-	A large spread of dark reflector objects, two distinct linear objects are visible with dimensions of 2.3 x 0.2 m and 2.4 x 0.5 m, with more associated, indistinct anomalies spread across the sand waves. Situated 25.0 m north-east of another debris field ( <b>7432</b> ) and may be related. This is a possible debris field	-
7432	Debris field	636157	5622260	A2	11.2	5.3	0.0	-	A large spread of curvilinear and linear dark reflector features in a slightly circular pattern on the seabed. This feature is spread across sand waves and could be a partially buried debris objects or a partially buried coiled rope, situated 25.0 m south-west of debris field <b>7431</b> and may be related	-
7433	Debris field	636153	5622246	A2	20.9	15.2	0.0	-	A large spread of dark reflector objects including linear and rounded anomalies. The objects are quite indistinct and may be partially buried within the sand waves. Other areas of potential debris are also visible in the vicinity of this feature ( <b>7420</b> , <b>7431</b> and <b>7432</b> ). This is a possible debris field	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7434	Dark reflector	636090	5622269	A2	1.2	0.1	0.0	-	A small and elongated dark reflector object with slight height above the seabed, situated within sand waves and possibly related to a rope or chain feature ( <b>7435</b> ) situated 18.0 m south-east. This could be a natural feature or item of debris	-
7435	Rope/chain	636112	5622257	A2	15.0	0.2	0.0	-	A long and thin, slightly curved linear dark reflector with slight height off the seabed lying in a north-west to south-east orientation on the seabed. The feature appears to be partially buried under sand waves with possible sediment banked either side. This feature may be related to dark reflector <b>7434</b> situated 18.0 m north-west. This is a possible rope or chain	-
7436	Debris	643502	5620316	A2	1.6	1.0	0.2	126	A distinct oval shaped and hollow dark reflector with a bright and tapered shadow, this feature is associated with a large magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7437	Dark reflector	643610	5620281	A2	4.0	3.5	0.7	-	A medium sized distinct dark reflector with a very bright shadow and significant height off the seabed, quite an angular object. In the MBES this is visible as a distinct rounded mound situated in a slight depression, standing tall on a flat and featureless area of the seabed. This could be a natural feature or an item of debris	-
7438	Dark reflector	643564	5620298	A2	2.6	2.3	0.7	-	An oval shaped dark reflector object with a very bright and long shadow with significant height off the seabed. The feature appears to be in a slight depression on a rough and uneven area of seabed. In the MBES data this is visible as a mound within a depression with an irregularly shaped peak. This could be a natural feature or item of debris	-
7439	Rope/chain	642156	5620577	A2	9.5	0.4	0.2	35	A long, thin and curvilinear dark reflector object that is indistinct in parts and possibly partially buried by sands across its extent. The object has slight height in places and possibly two very small objects attached (measuring 0.6 x 0.3 m). There is a small associated magnetic anomaly indicating ferrous material is present. This is a possible rope or chain	-





ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7440	Debris	641931	5620585	A2	2.4	0.8	0.6	128	A slightly triangular shaped dark reflector object with a bright and tapered shadow. This feature is visible in the MBES as a rounded mound situated in a depression on a flat and even area of seabed. This object has a large associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7441	Rope/chain	638011	5621768	A2	36.3	1.4	0.4	1894	A long and thin linear dark reflector with a shadow in places and two objects attached to it across its extent. The feature is lying perpendicular to the sand waves and the full extents may be partially buried. In the MBES data a small mound is visible measuring 3.4 m x 2.2 m within the sand waves. This feature has a very large associated magnetic anomaly indicating ferrous material is present. This could be a rope or chain with an object (possible anchor) attached to it	-
7442	Debris	638178	5621727	A2	4.0	3.5	0.4	-	A curvilinear shaped dark reflector with a bright shadow that appears as a mound within a depression in the SSS data. This feature is situated within sand waves and is indistinctly visible in the MBES data as an isolated mound within sand waves. This is a possible debris object	-
7443	Debris	637201	5621942	A2	11.0	1.4	0.2	-	A thin, linear dark reflector feature with slightly bulbous ends, the object is very distinct with bright shadows and is isolated on a sandy and featureless area of the seabed. This is a possible item of debris	-
7444	Rope/chain	638007	5621746	A2	50.3	1.0	0.2	-	A very long and thin linear dark reflector feature with shadows across its extents. This is orientated in a north-west to south-east alignment on the seabed amongst sand waves. There is a possibly small object attached at one point, similar to the rope or chain situated 22.0 m to the north ( <b>7441</b> ). This is a possible rope or chain	-
7445	Rope/chain	636593	5622127	A2	23.1	0.2	0.1	-	A long and thin slightly curvilinear shaped dark reflector with a slight shadow that is buried in parts across its extents. The possible rope or chain is situated within large sand waves and is orientated north-west to south-east on the seabed	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7446	Dark reflector	636481	5622158	A2	4.4	0.1	0.3	-	A straight dark reflector with a small object attached to one end, the feature has a bright shadow across its extent and is lying perpendicular to the sand waves. This could be a natural feature or item of debris	-
7447	Bright reflector	636416	5622205	A2	1.9	1.6	0.0	-	A hollow, circular bright reflector feature, or, this may be a slight depression with a small object within it. This is situated 1 m from a curvilinear debris feature ( <b>7448</b> ) and a similar hollow bright reflector ( <b>7449</b> ) situated 9 m south-west, these may be related. This is a possible item of debris	-
7448	Debris	636418	5622203	A2	4.8	0.2	0.1	-	A long and thin curvilinear dark reflector object with a bright shadow and slight height off the seabed. This feature may be related to the two circular bright reflectors within 10 m of this object ( <b>7447</b> and <b>7449</b> ). This is a possible item of debris	-
7449	Bright reflector	636406	5622202	A2	1.5	1.3	0.0	-	A hollow, circular bright reflector feature, or, this may be a slight depression with a small object within it. This is situated next to a curvilinear object ( <b>7448</b> ) and a similar hollow bright reflector ( <b>7447</b> ) situated 9.0 m north-east and may be related. This is possible item of debris	-
7450	Rope/chain	636584	5622151	A2	18.6	0.5	0.0	398	A distinct, long and slightly coiled curvilinear bright reflector that appears to be buried by sands in places. This feature is lying across large sand waves and has a large associated magnetic anomaly indicating ferrous material is present. There is a similar feature situated to the south ( <b>7445</b> ), this is a possible chain	-
7451	Magnetic	634427	5622866	A2	-	-	-	812	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7452	Magnetic	634583	5622728	A2	-	-	-	3501	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7453	Magnetic	634571	5622758	A2	-	-	-	1272	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7454	Magnetic	634928	5622547	A2	-	-	-	105	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7455	Magnetic	634779	5622630	A2	-	-	-	99	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7456	Magnetic	634535	5622766	A2	-	-	-	2147	Very large negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression or, may be part of a natural trend	-
7457	Magnetic	635429	5622359	A2	-	-	-	1648	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7458	Magnetic	635466	5622340	A2	-	-	-	2170	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7459	Magnetic	636067	5622270	A2	-	-	-	1435	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7460	Magnetic	636362	5622196	A2	-	-	-	1378	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7461	Magnetic	636319	5622215	A2	-	-	-	741	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7462	Magnetic	636102	5622275	A2	-	-	-	504	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7463	Magnetic	636087	5622274	A2	-	-	-	459	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7464	Magnetic	636080	5622276	A2	-	-	-	605	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7465	Magnetic	635715	5622336	A2	-	-	-	129	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7466	Magnetic	636330	5622222	A2	-	-	-	940	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7467	Magnetic	636343	5622210	A2	-	-	-	550	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7468	Magnetic	636600	5622138	A2	-	-	-	831	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7469	Magnetic	636557	5622138	A2	-	-	-	1562	Very large positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7470	Magnetic	636538	5622144	A2	-	-	-	481	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7471	Magnetic	636500	5622156	A2	-	-	-	1841	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7472	Magnetic	636859	5622053	A2	-	-	-	493	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7473	Magnetic	637088	5621980	A2	-	-	-	705	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7474	Magnetic	637098	5621981	A2	-	-	-	628	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7475	Magnetic	637043	5621981	A2	-	-	-	673	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7476	Magnetic	637149	5621952	A2	-	-	-	436	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7477	Magnetic	637388	5621905	A2	-	-	-	813	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression or, may be geology, identified in magnetometer and gradiometer data	-
7478	Magnetic	637440	5621910	A2	-	-	-	1151	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression or, may be geology, identified in magnetometer and gradiometer data	-
7479	Magnetic	637460	5621904	A2	-	-	-	156	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7480	Magnetic	637449	5621888	A2	-	-	-	714	Large positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology, identified in magnetometer and gradiometer data	-
7481	Magnetic	637578	5621867	A2	-	-	-	546	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7482	Magnetic	637615	5621861	A2	-	-	-	463	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7483	Magnetic	638405	5621640	A2	-	-	-	55	Medium negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7484	Magnetic	638424	5621644	A2	-	-	-	1074	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7485	Magnetic	638700	5621509	A2	-	-	-	109	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7486	Magnetic	639016	5621384	A2	-	-	-	30	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7487	Magnetic	639006	5621391	A2	-	-	-	31	Small positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7488	Magnetic	639299	5621283	A2	-	-	-	70	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7489	Magnetic	639286	5621288	A2	-	-	-	79	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7490	Magnetic	639311	5621251	A2	-	-	-	337	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7491	Magnetic	639448	5621216	A2	-	-	-	45	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7492	Magnetic	639634	5621138	A2	-	-	-	63	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7493	Magnetic	639826	5621059	A2	-	-	-	536	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7494	Magnetic	640052	5620958	A2	-	-	-	92	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7495	Magnetic	640170	5620883	A2	-	-	-	129	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7496	Magnetic	640364	5620812	A2	-	-	-	397	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7497	Magnetic	640374	5620804	A2	-	-	-	124	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7498	Magnetic	640711	5620764	A2	-	-	-	152	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7499	Magnetic	640995	5620720	A2	-	-	-	149	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7500	Magnetic	640775	5620760	A2	-	-	-	169	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7501	Magnetic	641198	5620692	A2	-	-	-	130	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7502	Magnetic	641258	5620677	A2	-	-	-	293	Large positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7503	Magnetic	641504	5620666	A2	-	-	-	147	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7504	Magnetic	641468	5620650	A2	-	-	-	113	Large negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7505	Magnetic	641367	5620661	A2	-	-	-	138	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7506	Magnetic	642005	5620591	A2	-	-	-	33	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, or, may be geology	-
7507	Magnetic	642104	5620581	A2	-	-	-	768	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7508	Magnetic	642180	5620547	A2	-	-	-	216	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7509	Magnetic	640908	5620746	A2	-	-	-	2173	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7510	Magnetic	634459	5622832	A2	-	-	-	787	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7511	Magnetic	634577	5622746	A2	-	-	-	1227	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7512	Magnetic	634735	5622637	A2	-	-	-	1123	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7513	Magnetic	635333	5622381	A2	-	-	-	163	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7514	Magnetic	635363	5622346	A2	-	-	-	265	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7515	Magnetic	635423	5622339	A2	-	-	-	323	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7516	Magnetic	635503	5622348	A2	-	-	-	5902	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7517	Magnetic	635708	5622332	A2	-	-	-	895	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7518	Magnetic	635815	5622330	A2	-	-	-	183	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-





ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7519	Magnetic	635794	5622317	A2	-	-	-	221	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7520	Magnetic	635937	5622305	A2	-	-	-	112	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7521	Magnetic	635953	5622306	A2	-	-	-	600	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7522	Magnetic	635996	5622283	A2	-	-	-	983	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7523	Magnetic	636299	5622214	A2	-	-	-	572	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7524	Magnetic	636267	5622221	A2	-	-	-	174	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7525	Magnetic	636533	5622162	A2	-	-	-	321	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7526	Magnetic	636575	5622129	A2	-	-	-	1221	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7527	Magnetic	636607	5622132	A2	-	-	-	767	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7528	Magnetic	636843	5622056	A2	-	-	-	809	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7529	Magnetic	636880	5622043	A2	-	-	-	3450	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7530	Magnetic	636878	5622021	A2	-	-	-	2640	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7531	Magnetic	637116	5621974	A2	-	-	-	375	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7532	Magnetic	637175	5621957	A2	-	-	-	526	Large irregular anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7534	Recorded wreck	635288	5622270	A3	-	-	-	-	A wreck location identified in a previous survey (Headland Archaeology 2015), but the name of the wreck is unknown. The wreck was visible in CHP bathymetry with approximately 11.0 x 4.0 m exposed emerging from the southern edge of a sand bank. This is described in the UKHO data as an elongate mound. This records location is not covered by the most recent geophysical survey data, however its 100 m AEZ brings it within the study area	UKHO 19363
7537	Debris	643,698	5620222	A2	6.6	4.7	0.5	25093	A distinct and pointed dark reflector object with bright shadows and height off the seabed. This has a very large associated magnetic anomaly indicating ferrous material is present, identified in both the magnetic and gradiometer data. This is probably a piece of ferrous debris, potentially an anchor	-
7538	Debris	644214	5620039	A2	1.8	1.1	0.3	-	A small distinct possibly hollow dark reflector with a short, bright shadow and some sediment build up on its south-west side. This is situated on a sandy and featureless area of the seabed and is faintly visible in the MBES as a small rounded mound. This is a possible item of debris	-



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7539	Dark reflector	644123	5620095	A2	2.0	1.7	0.4	-	A slightly oval shaped distinctive dark reflector with a bright and tapered shadow, this feature looks slightly anomalous to the surrounding seabed. In the MBES this is visible as a distinct mound in a slight depression. This could be a natural feature or an item of debris	-
7540	Bright reflector	644084	5620105	A2	1.6	0.5	0.0	-	A small rectangular shaped bright reflector feature that is faintly seen in the MBES data as a slightly oval shaped mound. This could be a natural feature or an item of debris	-
7541	Rope/chain	644156	5620074	A2	16.6	1.2	0.3	317	A long length of possible rope or chain that appears to be attached to an object at one end, the object measures 2.1 x 1.6 m. The rope or chain is visible as an indistinct and thin, curvilinear dark reflector with a shadow. This is situated on a sandy and gravelly area of the seabed. The feature is orientated in a north to south direction on the seabed and has an associated magnetic anomaly with the object attached to one end, this may be an anchor and chain	-
7542	Rope/chain	644425	5619867	A2	17.0	1.4	0.1	225	A long linear dark reflector feature with a shadow in places, orientated in a north-east to south-west alignment on the seabed. This feature has associated magnetic anomalies across its extent suggesting ferrous material is present. This is a possible ferrous rope or more like chain	-
7543	Magnetic	643460	5620336	A2	-	-	-	103	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7544	Magnetic	643776	5620197	A2	-	-	-	2302	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7545	Magnetic	643859	5620166	A2	-	-	-	2935	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7546	Magnetic	643883	5620153	A2	-	-	-	209	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



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7547	Magnetic	644163	5620062	A2	-	-	-	864	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7548	Magnetic	644467	5619855	A2	-	-	-	78	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7549	Magnetic	644644	5619713	A2	-	-	-	71	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7550	Magnetic	644608	5619731	A2	-	-	-	774	Large positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7551	Magnetic	644735	5619633	A2	-	-	-	162	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7552	Magnetic	644775	5619596	A2	-	-	-	269	Large dipole without associated SSS or MBES contact. Possible ferrous debris or ferrous area, either buried or without a surface expression	-
7553	Magnetic	644788	5619569	A2	-	-	-	73	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7554	Magnetic	645039	5619342	A2	-	-	-	131	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7555	Magnetic	645613	5618860	A2	-	-	-	130	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7556	Magnetic	645653	5618827	A2	-	-	-	99	Large negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7557	Magnetic	645884	5618665	A2	-	-	-	230	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7558	Magnetic	645918	5618596	A2	-	-	-	350	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7559	Magnetic	645932	5618595	A2	-	-	-	88	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7560	Magnetic	646020	5618529	A2	-	-	-	202	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7561	Magnetic	646217	5618302	A2	-	-	-	251	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7562	Magnetic	646562	5617994	A2	-	-	-	1012	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7563	Magnetic	646611	5617935	A2	-	-	-	332	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7564	Magnetic	647331	5617326	A2	-	-	-	118	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7565	Magnetic	647354	5617287	A2	-	-	-	93	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7566	Magnetic	647500	5617141	A2	-	-	-	168	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7567	Magnetic	647848	5616890	A2	-	-	-	467	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7568	Magnetic	647933	5616836	A2	-	-	-	163	Large irregular anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7569	Magnetic	648063	5616737	A2	-	-	-	158	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7570	Magnetic	648075	5616730	A2	-	-	-	132	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7571	Magnetic	648233	5616612	A2	-	-	-	151	Large irregular anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7572	Magnetic	648323	5616551	A2	-	-	-	84	Medium positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



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7573	Magnetic	648364	5616528	A2	-	-	-	104	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7574	Magnetic	648672	5616310	A2	-	-	-	549	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7575	Magnetic	643720	5620240	A2	-	-	-	1203	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7576	Magnetic	644010	5620108	A2	-	-	-	1345	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7577	Debris	649880	5614792	A2	4.0	3.8	0.9	-	A distinct and elongated dark reflector with a very large and bright shadow and significant height off the seabed. This is visible in the MBES data as a distinct and isolated mound within a slight depression. This is a possible item of debris	-
7578	Rope/chain	650048	5614582	A2	18.6	0.4	0.1	-	A long, thin and curvilinear dark reflector with a bright shadow and slight height off the seabed. This is an isolated feature orientated in a north-west to south-east direction on a flat and featureless area of the seabed. This is a possible rope or chain	-
7579	Rope/chain	649981	5614661	A2	13.5	0.4	0.2	-	A thin and curvilinear shaped long dark reflector with a bright shadow and slight height off the seabed, the feature appears to be slightly coiled on a sandy area of the seabed. This is a possible rope or chain	-
7580	Debris field	650317	5614389	A2	6.8	3.1	0.7	354	A medium sized area containing possible debris objects. Two indistinct, linear features are visible along with rounded dark reflectors with shadows. A small, but distinct dark reflector with a long, bright and thin shadow and measurements of 1.9 x 0.9 x 0.4 m is also visible, situated in a depression and has a distinct square object with more indistinct dark reflector around it. There is an associated large magnetic anomaly, indicating ferrous material is present. This is a possible ferrous debris field	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7581	Debris field	649659	5615127	A2	5.5	4.9	0.3	28	A medium sized area comprising possible debris objects, approximately six angular dark reflector features with bright shadows are visible, the largest object measures 1.6 x 1.4 m. There is an associated small magnetic anomaly, indicating ferrous material is present. In the MBES data, four indistinct small rounded mounds are visible. This is a possible ferrous debris field	-
7582	Dark reflector	649502	5615458	A2	3.2	2.5	0.7	-	A small but very distinct dark reflector object with a large and bright shadow and significant height off the seabed. This feature is visible in the MBES data as a distinct and isolated mound with a slightly angular peak within a depression, the depression measures 8.5 x 7.0 m. This could be a natural feature or item of debris	-
7583	Debris field	648920	5616112	A2	27.0	13.0	0.6	-	A large area of disturbed seabed containing numerous dark reflectors with shadows, bright reflector features are also visible, possibly in a slight depression with sediment cover. In the centre of the feature a slightly angular object is visible measuring 3.9 x 1.3 m. This is visible in the MBES data as an area of textured seabed with a distinct object in its centre. This is a possible large seabed disturbance than may contain debris objects	-
7584	Dark reflector	648921	5616121	A2	1.5	1.0	0.5	-	A small and angular dark reflector feature with a long, bright and tapered shadow, situated in a depression. This may be related to the debris field ( <b>7583</b> ) situated slightly south-east. This could be a natural feature or an item of debris	-
7585	Debris	649242	5615730	A2	2.9	0.5	0.6	123	A distinct and slightly curvilinear shaped dark reflector with a very large and bright shadow. This feature is seen in the MBES data as a small rounded mound. This object has an associated large magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris	-
7586	Debris	649009	5616023	A2	1.7	1.1	0.0	73	A very distinct, hollow circular bright reflector object isolated on a sandy area of the seabed. There is an associated medium sized magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7587	Debris	649226	5615717	A2	5.5	3.0	0.8	-	A distinct, linear dark reflector with a very large shadow and significant height off the seabed, the object has a smaller dark reflector attached to it which may be a rock or associated debris, measuring 0.7 x 0.4 m. This is situated at the edge of the MBES data and its full extent is not visible, this is a rectangular feature situated in a very slight depression. This is a possible item of debris	-
7588	Debris	649136	5615877	A2	1.4	0.4	0.4	871	A thin and pointed dark reflector feature with a very bright and tapered shadow. This feature has an associated very large magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris	-
7589	Magnetic	648626	5616343	A2	-	-	-	75	Medium anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7590	Magnetic	648743	5616246	A2	-	-	-	62	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7591	Magnetic	648899	5616110	A2	-	-	-	146	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7592	Magnetic	649007	5616012	A2	-	-	-	40	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7593	Magnetic	649150	5615842	A2	-	-	-	152	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7594	Magnetic	649139	5615856	A2	-	-	-	66	Medium asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7595	Magnetic	649222	5615760	A2	-	-	-	66	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7596	Magnetic	649368	5615592	A2	-	-	-	456	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7597	Magnetic	649395	5615562	A2	-	-	-	77	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-





ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7598	Magnetic	649411	5615559	A2	-	-	-	142	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7599	Magnetic	649442	5615510	A2	-	-	-	68	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7600	Magnetic	649498	5615470	A2	-	-	-	247	Large negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7601	Magnetic	649464	5615487	A2	-	-	-	135	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7602	Magnetic	649477	5615461	A2	-	-	-	48	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7603	Magnetic	649509	5615425	A2	-	-	-	55	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7604	Magnetic	649509	5615393	A2	-	-	-	24	Small positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7605	Debris	649536	5615388	A2	2.3	1.8	0.2	412	A small and slightly angular dark reflector object with a very bright shadow and height off the seabed. This feature is visible in the MBES data as a small round mound within a depression, the depression measures 10.0 x 9.0 x -0.2 m. This feature has an associated large magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris	-
7606	Magnetic	649576	5615294	A2	-	-	-	33	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7607	Magnetic	649706	5615082	A2	-	-	-	53	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7608	Magnetic	649741	5615018	A2	-	-	-	60	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7609	Magnetic	649735	5615057	A2	-	-	-	154	Large negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7610	Magnetic	649736	5615009	A2	-	-	-	91	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7611	Magnetic	649800	5614944	A2	-	-	-	70	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7612	Magnetic	649834	5614824	A2	-	-	-	350	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7613	Magnetic	649864	5614800	A2	-	-	-	156	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7614	Magnetic	649890	5614771	A2	-	-	-	64	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7615	Magnetic	649917	5614738	A2	-	-	-	42	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7616	Magnetic	650088	5614532	A2	-	-	-	4955	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7617	Magnetic	650066	5614544	A2	-	-	-	157	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7618	Magnetic	649991	5614653	A2	-	-	-	822	Large positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7619	Magnetic	650247	5614414	A2	-	-	-	529	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7620	Magnetic	650365	5614346	A2	-	-	-	40	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7621	Dark reflector	650470	5614293	A2	4.0	3.0	0.8	-	A distinct, elongated dark reflector feature with a bright, rounded shadow and significant height off the seabed. This object is visible in the MBES data as a distinct mound with a rounded top, the mound is larger than the surrounding seabed anomalies and has slight scouring orientated east to west and measuring 14.0 m across. This could be a natural feature or item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7622	Debris	650705	5614148	A2	1.8	0.3	0.3	20	A slightly elongated dark reflector with a bright shadow and associated scouring orientated to the south-east and measuring 2.6 m. This feature has an associated small magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris	-
7623	Dark reflector	650480	5614280	A2	2.1	0.3	0.4	-	A slightly pointed dark reflector feature with a very bright and tapered shadow, this object slightly anomalous to the surrounding seabed anomalies. This could be a natural feature or an item of debris	-
7624	Dark reflector	652433	5613074	A2	2.6	2.3	0.4	-	A slightly elongated dark reflector feature with a bright shadow that looks more anthropogenic than the surrounding seabed anomalies. This object is situated on a sandy area of seabed and is visible in the MBES data as an isolated, distinct mound in a slight depression, the depression measures 8.5 x 8 m. This could be a natural feature or item of debris	-
7625	Debris field	652368	5613154	A2	2.7	1.4	0.4	60	A small debris field comprising a rectangular shaped, distinct dark reflector with an irregularly shaped shadow measuring 1.8 x 1.2 x 0.4 m and a small oval shaped dark reflector measuring 0.9 x 0.2 x 0.2 m. There are possibly more indistinct small features in the vicinity within the sandy sediments. This feature has an associated medium sized magnetic anomaly, this is a possible ferrous debris field.	-
7626	Debris field	652575	5612999	A2	4.3	0.8	0.4	23	A possible debris field comprising a slightly curvilinear shaped dark reflector with a very bright shadow measuring 2.4 x 0.6 x 0.4 m, situated next to a similar dark reflector anomaly measuring 1.9 x 0.2 x 0.3 m. This feature has an associated small magnetic anomaly, indicating ferrous material is present. This is a possible ferrous debris field	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7627	Debris field	652510	5613040	A2	28.2	18.0	0.3	79	A large spread of possible debris objects, approximately 15 dark reflectors with shadows are visible, situated on a sandy and featureless area of the seabed. The largest object measures 2.1 x 0.2 m and there may be some bright reflector features within the debris field, however these may be natural. There is an associated medium sized magnetic anomaly, indicating ferrous material is present. This is a possible ferrous debris field	-
7628	Dark reflector	652837	5612924	A2	2.8	0.4	0.4	-	An elongated dark reflector with a very bright and large shadow, this feature looks more distinct than the surrounding seabed features. In the MBES data this is visible as an isolated, small rounded mound. This could be a natural feature or possible item of debris	-
7629	Dark reflector	653041	5612811	A2	1.1	0.2	0.4	-	A slightly pointed dark reflector feature with a very bright shadow and situated in a depression. This feature is visible in the MBES data as a small rounded mound and could be a natural feature or item of debris	-
7630	Debris	653409	5612557	A2	2.3	1.4	0.0	38	An irregularly shaped bright reflector anomaly that is slightly indistinct in the SSS data, this may be buried by sediments. There is an associated small magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris	-
7631	Dark reflector	653542	5612464	A2	2.2	1.3	0.5	-	An angular shaped dark reflector feature with a very bright and tapered shadow, situated in a slight depression. This looks more anomalous than the surrounding seabed anomalies. This could be a natural feature or item of debris	-
7632	Magnetic	650365	5614361	A2	-	-	-	77	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7633	Magnetic	650583	5614224	A2	-	-	-	36	Small anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7634	Magnetic	651113	5613927	A2	-	-	-	85	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7635	Magnetic	651291	5613831	A2	-	-	-	433	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7636	Magnetic	651269	5613830	A2	-	-	-	61	Medium anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7637	Magnetic	651186	5613863	A2	-	-	-	78	Medium negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7638	Magnetic	651447	5613731	A2	-	-	-	171	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7639	Magnetic	651714	5613572	A2	-	-	-	24	Small negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7640	Magnetic	652097	5613378	A2	-	-	-	203	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7641	Magnetic	652115	5613354	A2	-	-	-	643	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7642	Magnetic	652610	5612987	A2	-	-	-	106	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7643	Magnetic	652637	5612985	A2	-	-	-	66	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7644	Magnetic	652857	5612895	A2	-	-	-	28	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7645	Magnetic	652921	5612888	A2	-	-	-	184	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7646	Debris	653024	5612795	A2	3.0	2.5	0.7	133	A small rounded mound identified in the MBES data, in the SSS this feature is a slightly elongated dark reflector object with a bright shadow. This feature has an associated large magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7647	Magnetic	653031	5612808	A2	-	-	-	26	Small asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7648	Magnetic	653210	5612671	A2	-	-	-	79	Medium anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7649	Magnetic	653527	5612472	A2	-	-	-	61	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7650	Magnetic	653499	5612487	A2	-	-	-	71	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7651	Magnetic	653752	5612355	A2	-	-	-	59	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7652	Magnetic	653683	5612414	A2	-	-	-	87	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7653	Magnetic	653675	5612414	A2	-	-	-	47	Small anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7654	Magnetic	653858	5612314	A2	-	-	-	116	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7655	Magnetic	653850	5612313	A2	-	-	-	103	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7656	Debris	653929	5612296	A2	0.5	0.4	0.2	110	A small and isolated slightly angular shaped dark reflector with a very long, bright shadow. This feature has an associated large magnetic anomaly, indicating ferrous material is present. This is a possible ferrous item of debris	-
7657	Magnetic	654001	5612261	A2	-	-	-	330	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7658	Magnetic	654387	5612050	A2	-	-	-	81	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7659	Magnetic	654331	5612087	A2	-	-	-	85	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7660	Magnetic	654310	5612090	A2	-	-	-	66	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7692	Debris field	644124	5620067	A2	16.9	9.1	0.5	2563	A large spread of distinct debris objects that have a structural appearance in the SSS data. The main object is a slightly angled, linear dark reflector that has smaller linear anomalies coming off this, the longest feature measures 3.8 x 1.2 m. The features have bright shadows and appear highly anthropogenic with height off the seabed, the debris field appears to be partially buried by sandy sediments. This feature is clearly visible in the MBES data as an irregularly shaped mound, anomalous to the surrounding seabed. This feature has a very large associated magnetic anomaly, indicating ferrous material is present. The extents of this feature are just within the study area and this is interpreted to be a ferrous debris field	-

### Appendix 3: Seabed features of archaeological potential (HVDC offshore)

ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7700	Seabed disturbance	670531	5601250	A2	4.0	1.9	0.1	-	A small and relatively square shaped area of disturbed seabed with several straight dark reflectors visible and very slight shadow within the feature. This is a seabed disturbance possibly containing partially buried debris features	-
7701	Dark reflector	671003	5600354	A2	2.5	0.5	0.2	-	A straight and elongated dark reflector object with slight height that has been identified close to an area of sand waves. This could be a natural feature or an item of debris	-
7702	Magnetic	669991	5602068	A2	-	-	-	32	Small anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7703	Magnetic	669802	5602299	A2	-	-	-	20	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7704	Magnetic	669696	5602459	A2	-	-	-	657	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7705	Seabed disturbance	669025	5603914	A2	15.2	5.6	0.1	-	A distinct and large area of disturbed seabed with several dark reflector objects exposed in a grid like pattern. The feature has little height off the seabed and is situated near a large sand wave, there is potential for further buried material in the vicinity. A slightly oval shaped, indistinct ridge is visible in the MBES data in the vicinity of this anomaly and may be related. This is a seabed disturbance possibly containing partially buried debris	-
7706	Debris	669422	5603135	A2	4.4	0.1	0.1	-	A long, thin and slightly disjointed curvilinear dark reflector object with slight height off the seabed. This is a very distinct possible item of debris situated on a rough and uneven area of the seabed	-
7707	Debris field	669573	5602807	A2	3.4	1.3	0.1	-	A small group of indistinct, straight dark reflectors in a grid like pattern with slight height off the seabed. This feature is located near numerous small possible boulders on the seabed and appears to be partially covered by sands. This is a possible debris field.	-
7708	Debris	668663	5604476	A2	3.3	0.3	0.4	834	A medium sized and rectangular shaped dark reflector with slight height off the seabed. This is a distinct feature with a very large associated magnetic anomaly, indicating ferrous material is present. This feature is faintly visible in the MBES data and is interpreted to be a possible ferrous item of debris	-
7709	Dark reflector	668637	5604503	A2	3.3	0.3	0.1	-	A long and straight linear dark reflector with a rectangular shadow that is situated 6.0 m south-east of a similar object ( <b>7710</b> ) on the seabed. This could be a natural feature or item of debris	-
7710	Dark reflector	668631	5604505	A2	3.1	0.3	0.1	-	A long and straight linear dark reflector with a shadow and little height off the seabed, this feature is situated 6.0 m north-west of similar anomaly ( <b>7709</b> ) on the seabed. This could be a natural feature or item of debris	-





ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7711	Dark reflector	668982	5604022	A2	4.9	0.2	0.1	-	An indistinct long and thin linear dark reflector with a bright shadow and slight height off the seabed. This could be a natural feature or item of debris	-
7712	Dark reflector	668602	5604524	A2	2.3	0.4	0.2	-	An indistinct and straight dark reflector with a bright shadow and slight height off the seabed. This could be a natural feature or item of debris	-
7713	Magnetic	669695	5602446	A2	-	-	-	138	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7714	Magnetic	669705	5602453	A2	-	-	-	99	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7715	Magnetic	669621	5602652	A2	-	-	-	396	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7716	Magnetic	669611	5602723	A2	-	-	-	47	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7717	Magnetic	669607	5602745	A2	-	-	-	297	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7718	Magnetic	669605	5602751	A2	-	-	-	29	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7719	Magnetic	669385	5603234	A2	-	-	-	65	Medium positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7720	Magnetic	669431	5603118	A2	-	-	-	30	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7721	Magnetic	669302	5603382	A2	-	-	-	18	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7722	Magnetic	669312	5603373	A2	-	-	-	56	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7723	Magnetic	669053	5603878	A2	-	-	-	67	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7724	Magnetic	668477	5604727	A2	-	-	-	96	Medium positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7725	Magnetic	668619	5604528	A2	-	-	-	59	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7726	Magnetic	668786	5604310	A2	-	-	-	105	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7727	Magnetic	668889	5604129	A2	-	-	-	327	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7728	Magnetic	668946	5604097	A2	-	-	-	187	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7729	Magnetic	668957	5604076	A2	-	-	-	125	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7730	Magnetic	668955	5604040	A2	-	-	-	83	Medium anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7731	Magnetic	668810	5604280	A2	-	-	-	27	Small negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7732	Magnetic	668583	5604583	A2	-	-	-	131	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7733	Magnetic	667881	5605306	A2	-	-	-	735	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7734	Magnetic	668249	5604938	A2	-	-	-	66	Medium anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7735	Magnetic	668325	5604872	A2	-	-	-	36	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7736	Magnetic	667930	5605240	A2	-	-	-	125	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7737	Debris	665846	5606619	A2	1.5	1.0	0.5	2915	An elongated and slightly angular dark reflector object with a distinct shadow and one long, narrow shadow which may indicate a distinct peak. This feature has a very large associated magnetic anomaly, identified in magnetometer and gradiometer data, indicating ferrous material is present, the size of the magnetic anomaly indicates additional buried ferrous debris could be present in the vicinity. This is a possible ferrous item of debris	-
7738	Dark reflector	667908	5605259	A2	1.8	1.3	0.5	-	A small and isolated dark reflector with a broad and distinct shadow. The feature is located in an area of sand waves and looks slightly anomalous. This could be a natural feature or item of debris	-
7739	Dark reflector	657743	5610591	A2	3.0	2.1	0.7	-	A distinct and elongated dark reflector feature with a very large and bright shadow with significant height off the seabed. This could be a natural feature or item of debris	-
7740	Magnetic	657167	5610740	A2	-	-	-	1415	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7741	Magnetic	662180	5609028	A2	-	-	-	15	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7742	Magnetic	663470	5608127	A2	-	-	-	16	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7743	Magnetic	664471	5607495	A2	-	-	-	15	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7744	Debris field	660566	5609764	A2	14.6	12.0	0.4	-	A large spread of dark reflector objects possibly situated within a slight depression, there are approximately 10 objects with bright shadows and the largest measures 1.7 x 0.7 m. In the MBES data this is visible as a distinct mound within a depression, the mound object measures 4.0 x 3.0 m with a relatively flat top and steep sides. This is a possible debris field	-
7745	Debris	684796	5561223	A2	1.6	0.7	0.4	11	A very small and slightly angular dark reflector with a bright and narrow shadow. The object is in a slight depression and has an associated small magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7746	Dark reflector	684659	5563257	A2	3.4	2.8	0.4	-	A small and distinct rectangular dark reflector with a bright and tapered shadow, this is an isolated feature on a rough and uneven area of the seabed. In the MBES data this is indistinctly visible as a small rounded mound. This could be a natural feature or item of debris	-
7747	Debris	678410	5584764	A2	3.2	0.6	0.2	50	A straight and elongated dark reflector anomaly with a relatively broad shadow situated on a rough and uneven area of the seabed. This object has an associated medium magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7748	Debris	676208	5589388	A2	7.5	0.7	0.1	16	A long and thin curvilinear dark reflector with a shadow in places, the feature is quite indistinct on a sandy and gravelly area of the seabed. The feature is orientated north to south and has a small associated magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7749	Debris	678227	5585146	A2	4.5	0.6	0.1	93	An indistinct, straight dark reflector feature with a slight shadow, the object may be partially buried by sandy sediments. This feature has an associated medium magnetic anomaly indicating ferrous material is present. This is a possible ferrous item of debris	-
7750	Magnetic	675067	5591720	A2	-	-	-	15	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7751	Magnetic	676059	5589671	A2	-	-	-	25	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7752	Magnetic	679068	5583388	A2	-	-	-	28	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7753	Magnetic	672796	5596126	A2	-	-	-	516	Very large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7754	Magnetic	673807	5594180	A2	-	-	-	65	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression	-
7755	Magnetic	656497	5610959	A2	-	-	-	740	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7756	Magnetic	656613	5610936	A2	-	-	-	444	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7757	Magnetic	657057	5610782	A2	-	-	-	133	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7758	Magnetic	657252	5610741	A2	-	-	-	74	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7759	Magnetic	657316	5610724	A2	-	-	-	130	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7760	Magnetic	657441	5610689	A2	-	-	-	562	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7761	Magnetic	657715	5610608	A2	-	-	-	115	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7762	Magnetic	657728	5610595	A2	-	-	-	99	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7763	Magnetic	657769	5610593	A2	-	-	-	1767	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7764	Magnetic	657906	5610546	A2	-	-	-	208	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7765	Magnetic	658006	5610508	A2	-	-	-	264	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7766	Magnetic	658115	5610484	A2	-	-	-	217	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7767	Magnetic	658182	5610462	A2	-	-	-	213	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7768	Magnetic	658197	5610466	A2	-	-	-	191	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7769	Magnetic	658376	5610412	A2	-	-	-	175	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7770	Magnetic	658407	5610398	A2	-	-	-	295	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7771	Magnetic	658416	5610374	A2	-	-	-	161	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7772	Magnetic	658693	5610317	A2	-	-	-	119	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7773	Magnetic	659100	5610169	A2	-	-	-	114	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7774	Magnetic	659318	5610114	A2	-	-	-	415	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7775	Magnetic	659352	5610084	A2	-	-	-	342	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7776	Magnetic	659472	5610070	A2	-	-	-	161	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7777	Magnetic	659500	5610053	A2	-	-	-	89	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7778	Magnetic	659514	5610045	A2	-	-	-	566	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7779	Magnetic	659801	5609962	A2	-	-	-	298	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7780	Magnetic	659844	5609954	A2	-	-	-	215	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7781	Magnetic	659964	5609908	A2	-	-	-	76	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7782	Magnetic	660136	5609859	A2	-	-	-	96	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7783	Magnetic	660283	5609828	A2	-	-	-	74	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7784	Magnetic	660297	5609826	A2	-	-	-	133	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7785	Magnetic	660461	5609771	A2	-	-	-	65	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7786	Magnetic	660868	5609632	A2	-	-	-	322	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7787	Magnetic	660881	5609627	A2	-	-	-	102	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7788	Magnetic	660948	5609598	A2	-	-	-	366	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7789	Magnetic	661156	5609534	A2	-	-	-	179	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7790	Magnetic	661305	5609437	A2	-	-	-	94	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7791	Magnetic	661364	5609410	A2	-	-	-	77	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7792	Magnetic	662381	5608918	A2	-	-	-	175	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7793	Magnetic	662571	5608854	A2	-	-	-	177	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7794	Magnetic	662712	5608761	A2	-	-	-	160	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7795	Magnetic	662852	5608676	A2	-	-	-	147	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7796	Magnetic	662915	5608592	A2	-	-	-	258	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7797	Magnetic	662969	5608552	A2	-	-	-	106	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7798	Magnetic	663067	5608479	A2	-	-	-	204	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-





ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7799	Magnetic	663368	5608193	A2	-	-	-	92	Medium without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7800	Magnetic	663753	5607931	A2	-	-	-	59	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7801	Magnetic	663841	5607883	A2	-	-	-	1490	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7802	Magnetic	663961	5607798	A2	-	-	-	64	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7803	Magnetic	664034	5607735	A2	-	-	-	380	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7804	Magnetic	664087	5607732	A2	-	-	-	142	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7805	Magnetic	664107	5607702	A2	-	-	-	334	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7806	Magnetic	664813	5607260	A2	-	-	-	59	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7807	Magnetic	664843	5607247	A2	-	-	-	229	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7808	Magnetic	664875	5607244	A2	-	-	-	833	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7809	Magnetic	665380	5606906	A2	-	-	-	133	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7810	Magnetic	665476	5606843	A2	-	-	-	52	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7811	Magnetic	665628	5606753	A2	-	-	-	239	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7812	Magnetic	665726	5606689	A2	-	-	-	176	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7813	Magnetic	665764	5606669	A2	-	-	-	123	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7814	Magnetic	666024	5606492	A2	-	-	-	182	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7815	Magnetic	666296	5606317	A2	-	-	-	149	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7816	Magnetic	666511	5606174	A2	-	-	-	118	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7817	Magnetic	666555	5606152	A2	-	-	-	121	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7818	Magnetic	666582	5606136	A2	-	-	-	95	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7819	Magnetic	666683	5606067	A2	-	-	-	336	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7820	Magnetic	666710	5606047	A2	-	-	-	743	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7821	Magnetic	666736	5606033	A2	-	-	-	231	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7822	Magnetic	667353	5605646	A2	-	-	-	125	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7823	Magnetic	667439	5605584	A2	-	-	-	154	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7824	Magnetic	667450	5605573	A2	-	-	-	64	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7825	Magnetic	667468	5605556	A2	-	-	-	384	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7826	Magnetic	667514	5605547	A2	-	-	-	207	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7827	Magnetic	667571	5605515	A2	-	-	-	1225	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7828	Magnetic	667605	5605474	A2	-	-	-	152	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7829	Magnetic	667702	5605420	A2	-	-	-	148	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7830	Magnetic	667826	5605344	A2	-	-	-	92	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7831	Magnetic	670350	5601632	A2	-	-	-	43	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7832	Magnetic	670445	5601456	A2	-	-	-	52	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7833	Magnetic	670478	5601413	A2	-	-	-	134	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7834	Magnetic	670513	5601244	A2	-	-	-	119	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7835	Magnetic	670535	5601206	A2	-	-	-	142	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7836	Magnetic	670540	5601155	A2	-	-	-	108	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7837	Magnetic	670640	5600846	A2	-	-	-	468	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7838	Magnetic	670868	5600624	A2	-	-	-	92	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7839	Magnetic	670902	5600597	A2	-	-	-	230	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7840	Magnetic	671290	5599643	A2	-	-	-	289	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7841	Magnetic	671337	5599536	A2	-	-	-	323	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7842	Magnetic	671348	5599524	A2	-	-	-	119	Large negative without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7843	Magnetic	671429	5599306	A2	-	-	-	58	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7844	Magnetic	671717	5598574	A2	-	-	-	133	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7845	Magnetic	671727	5598544	A2	-	-	-	99	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7846	Magnetic	671775	5598417	A2	-	-	-	310	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7847	Magnetic	671923	5598070	A2	-	-	-	227	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7848	Magnetic	672000	5597932	A2	-	-	-	214	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7849	Magnetic	672024	5597900	A2	-	-	-	440	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7850	Magnetic	672354	5597125	A2	-	-	-	186	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7851	Magnetic	672406	5597049	A2	-	-	-	66	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7852	Magnetic	672463	5596890	A2	-	-	-	187	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7853	Magnetic	672485	5596882	A2	-	-	-	56	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7854	Magnetic	672481	5596846	A2	-	-	-	88	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7855	Magnetic	672535	5596724	A2	-	-	-	182	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7856	Magnetic	672540	5596715	A2	-	-	-	482	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7857	Magnetic	672680	5596401	A2	-	-	-	151	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7858	Magnetic	672735	5596254	A2	-	-	-	81	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7859	Magnetic	672922	5595943	A2	-	-	-	123	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7860	Magnetic	672990	5595785	A2	-	-	-	79	Medium anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7861	Magnetic	673134	5595561	A2	-	-	-	92	Medium positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7862	Magnetic	673134	5595546	A2	-	-	-	138	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7863	Magnetic	673147	5595502	A2	-	-	-	261	Large asymmetric dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7864	Magnetic	673170	5595488	A2	-	-	-	157	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7865	Magnetic	673260	5595298	A2	-	-	-	212	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7866	Magnetic	673346	5595095	A2	-	-	-	214	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7867	Magnetic	673389	5595048	A2	-	-	-	65	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7868	Magnetic	673411	5595001	A2	-	-	-	96	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7869	Magnetic	673445	5594904	A2	-	-	-	111	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7870	Magnetic	673534	5594695	A2	-	-	-	261	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7871	Magnetic	673674	5594430	A2	-	-	-	2176	Very large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7872	Magnetic	673750	5594322	A2	-	-	-	84	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7873	Magnetic	673882	5594034	A2	-	-	-	153	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7874	Magnetic	674110	5593596	A2	-	-	-	98	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7875	Magnetic	674153	5593504	A2	-	-	-	84	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7876	Magnetic	674156	5593524	A2	-	-	-	63	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7877	Magnetic	674295	5593258	A2	-	-	-	86	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7878	Magnetic	674584	5592639	A2	-	-	-	156	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7879	Magnetic	675309	5591210	A2	-	-	-	186	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7880	Magnetic	675559	5590677	A2	-	-	-	480	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7881	Magnetic	675625	5590535	A2	-	-	-	60	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7882	Magnetic	675713	5590400	A2	-	-	-	68	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7883	Magnetic	675831	5590138	A2	-	-	-	62	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-
7884	Magnetic	675887	5589982	A2	-	-	-	76	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in the gradiometer data	-





ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7662	Dark reflector	654522	5611962	A2	2.3	2.0	0.4	-	A distinct 'v' shaped dark reflector with a bright and tapered shadow isolated on a sandy and featureless area of seabed. This feature is visible in the MBES data as a small and rounded mound with a flat top. This could be a natural feature or an item of debris	-
7663	Debris	654829	5611803	A2	3.0	2.1	0.1	-	An oval shaped dark reflector with a broad shadow and slight height off the seabed. One end of feature is quite distinct while the other end of the object is a little less defined, possibly indicating partial burial. This is a possible item of debris	-
7664	Debris	654408	5612036	A2	4.0	0.4	0.2	-	An indistinct, thin and slightly curvilinear dark reflector with a shadow in parts, that may indicate two anomalies joined together or two peaks. This is an isolated feature situated on a sandy and featureless area of seabed and is a possible linear item of debris	-
7665	Debris	654958	5611741	A2	2.0	1.7	0.6	1272	A small and square shaped dark reflector with a large and bright shadow and significant height off the seabed, the object possibly has some internal structure. This feature is visible in the MBES data as a small rounded mound within a depression, the depression measures 10.0 x 9.0 m. This feature has a very large associated magnetic anomaly, identified in the gradiometer data, indicating ferrous material is present. This is a possible ferrous item of debris	-
7666	Debris field	656178	5611097	A2	3.1	3.0	0.2	533	An indistinct, small patch of disturbed seabed containing a possible short, straight linear dark reflector with height and other poorly defined debris objects with height within it. This debris field is situated on a sandy and featureless area of seabed. There is a very large associated magnetic anomaly, indicating ferrous material is present. This is a possible ferrous debris field	-
7667	Magnetic	654277	5612112	A2	-	-	-	94	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-
7668	Magnetic	654250	5612128	A2	-	-	-	171	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in magnetometer and gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7669	Magnetic	654254	5612122	A2	-	-	-	88	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7670	Magnetic	654802	5611794	A2	-	-	-	117	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7671	Magnetic	654909	5611741	A2	-	-	-	37	Small positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7672	Magnetic	654979	5611714	A2	-	-	-	105	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7673	Magnetic	655007	5611715	A2	-	-	-	20	Small positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7674	Magnetic	655054	5611674	A2	-	-	-	33	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7675	Magnetic	655080	5611666	A2	-	-	-	45	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7676	Magnetic	655177	5611629	A2	-	-	-	316	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7677	Magnetic	655232	5611587	A2	-	-	-	43	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7678	Magnetic	655278	5611546	A2	-	-	-	31	Small positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7679	Magnetic	655366	5611520	A2	-	-	-	62	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-

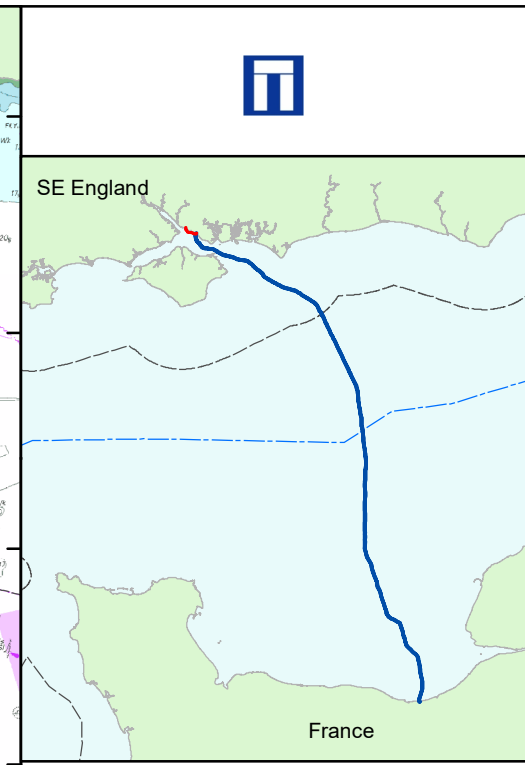
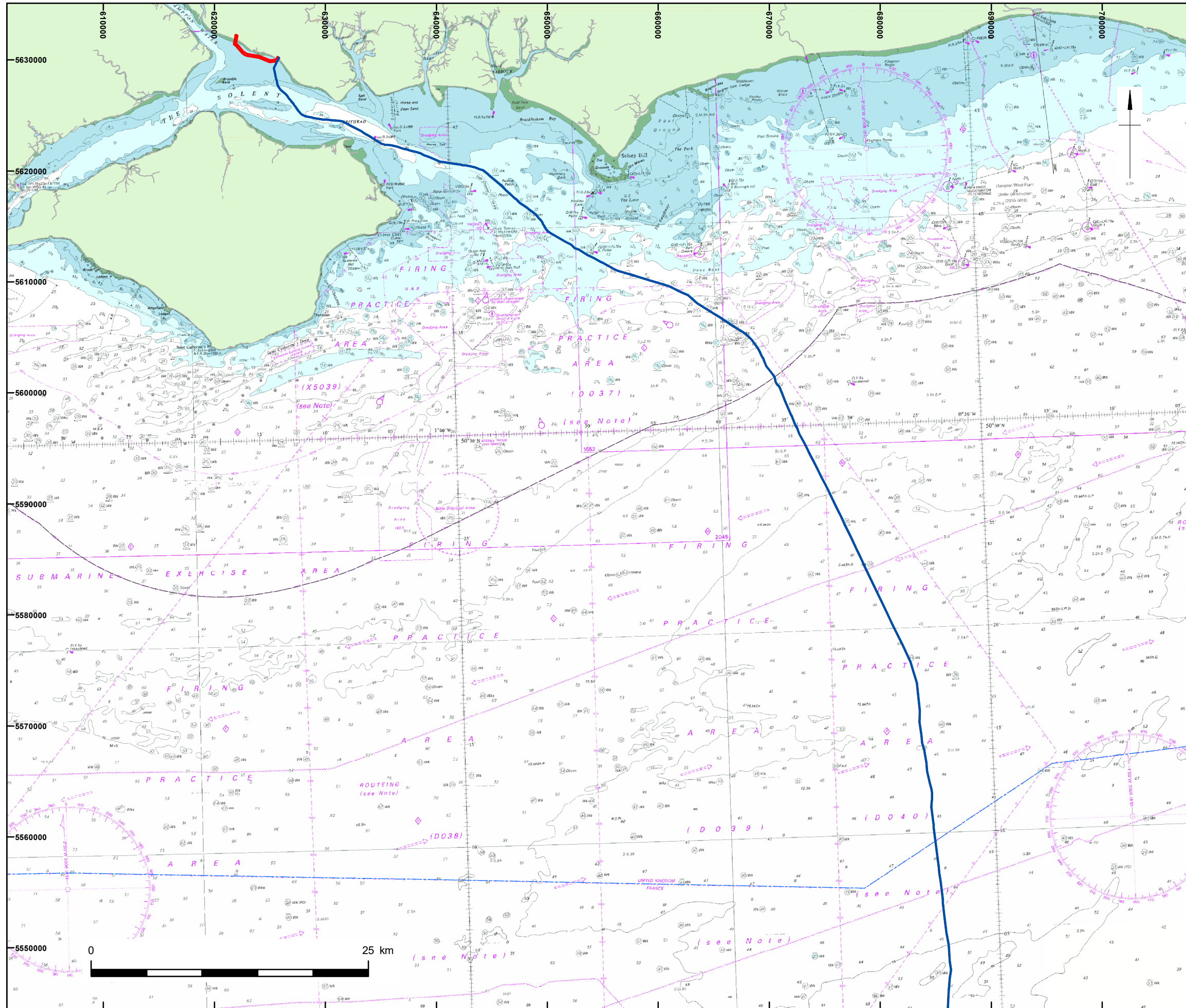


ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7680	Magnetic	655546	5611403	A2	-	-	-	893	Very large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7681	Magnetic	655644	5611362	A2	-	-	-	570	Large anomaly without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7682	Magnetic	655661	5611346	A2	-	-	-	50	Medium positive monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7683	Magnetic	655696	5611344	A2	-	-	-	85	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7684	Magnetic	655756	5611315	A2	-	-	-	135	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7685	Magnetic	655786	5611267	A2	-	-	-	21	Small negative monopole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7686	Magnetic	655875	5611243	A2	-	-	-	43	Small dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7687	Magnetic	656019	5611160	A2	-	-	-	123	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7688	Magnetic	656180	5611067	A2	-	-	-	165	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7689	Magnetic	656347	5610993	A2	-	-	-	145	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-
7690	Magnetic	654411	5612008	A2	-	-	-	436	Large dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-



ID	Classification	Easting	Northing	Archaeological Discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External References
7691	Magnetic	654563	5611927	A2	-	-	-	54	Medium dipole without associated SSS or MBES contact. Possible ferrous debris, either buried or without a surface expression, identified in gradiometer data	-

1. Co-ordinates are in WGS84 UTM30N
2. Positional accuracy estimated  $\pm 10$  m



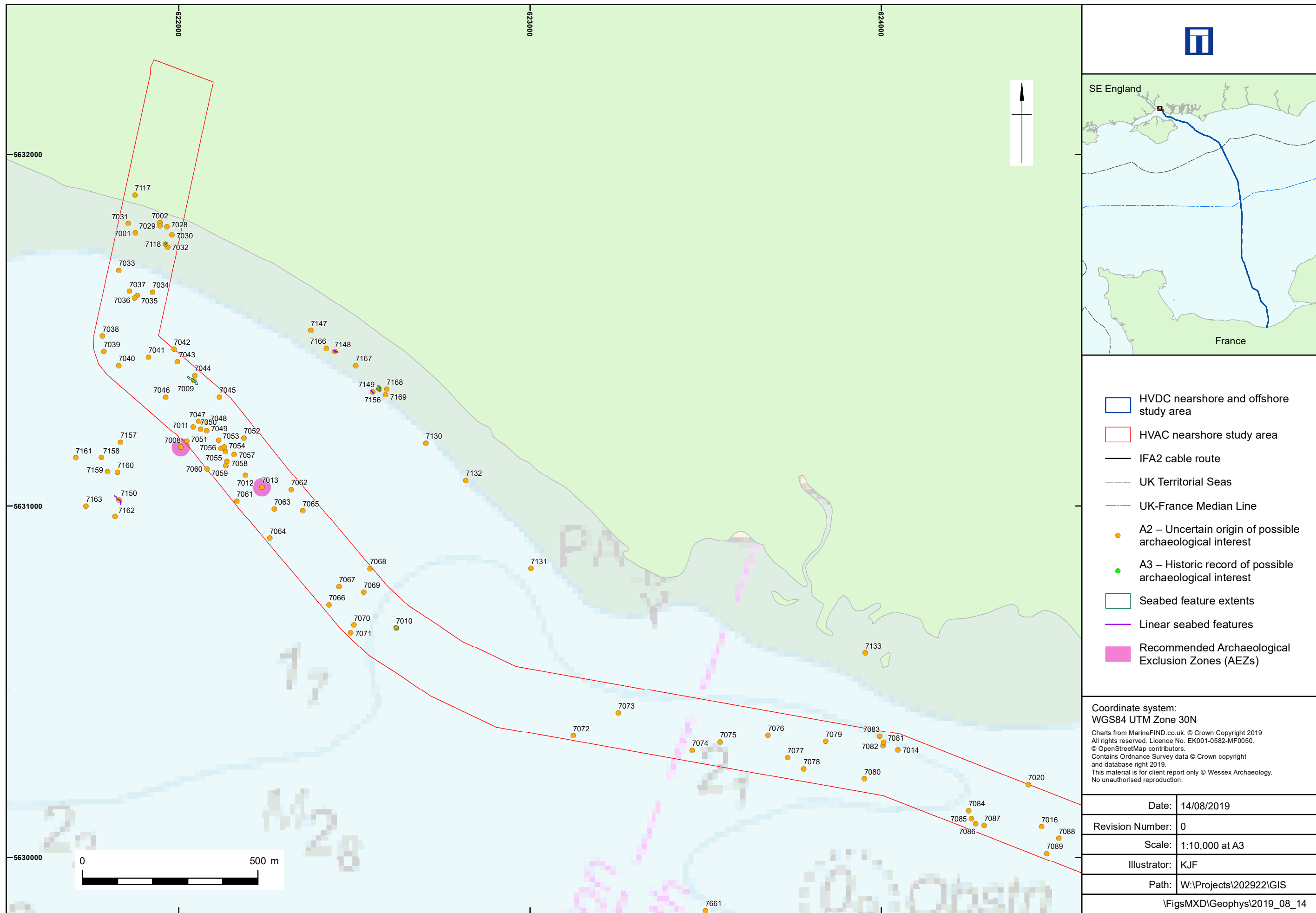
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- ▭ HVAC nearshore study area
- UK Territorial Seas
- - - UK-France Median Line

Coordinate system:  
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Site location

Figure 1



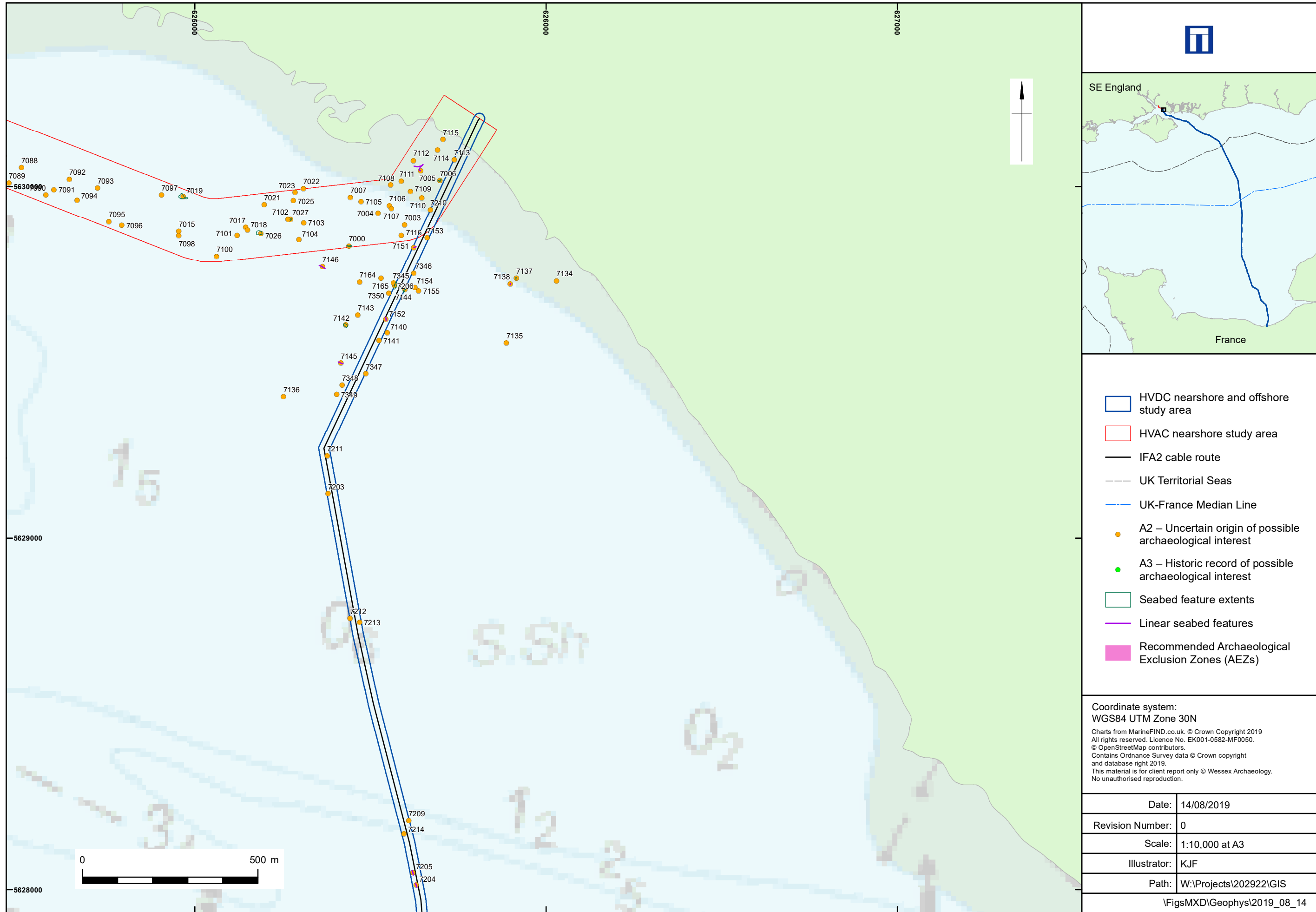
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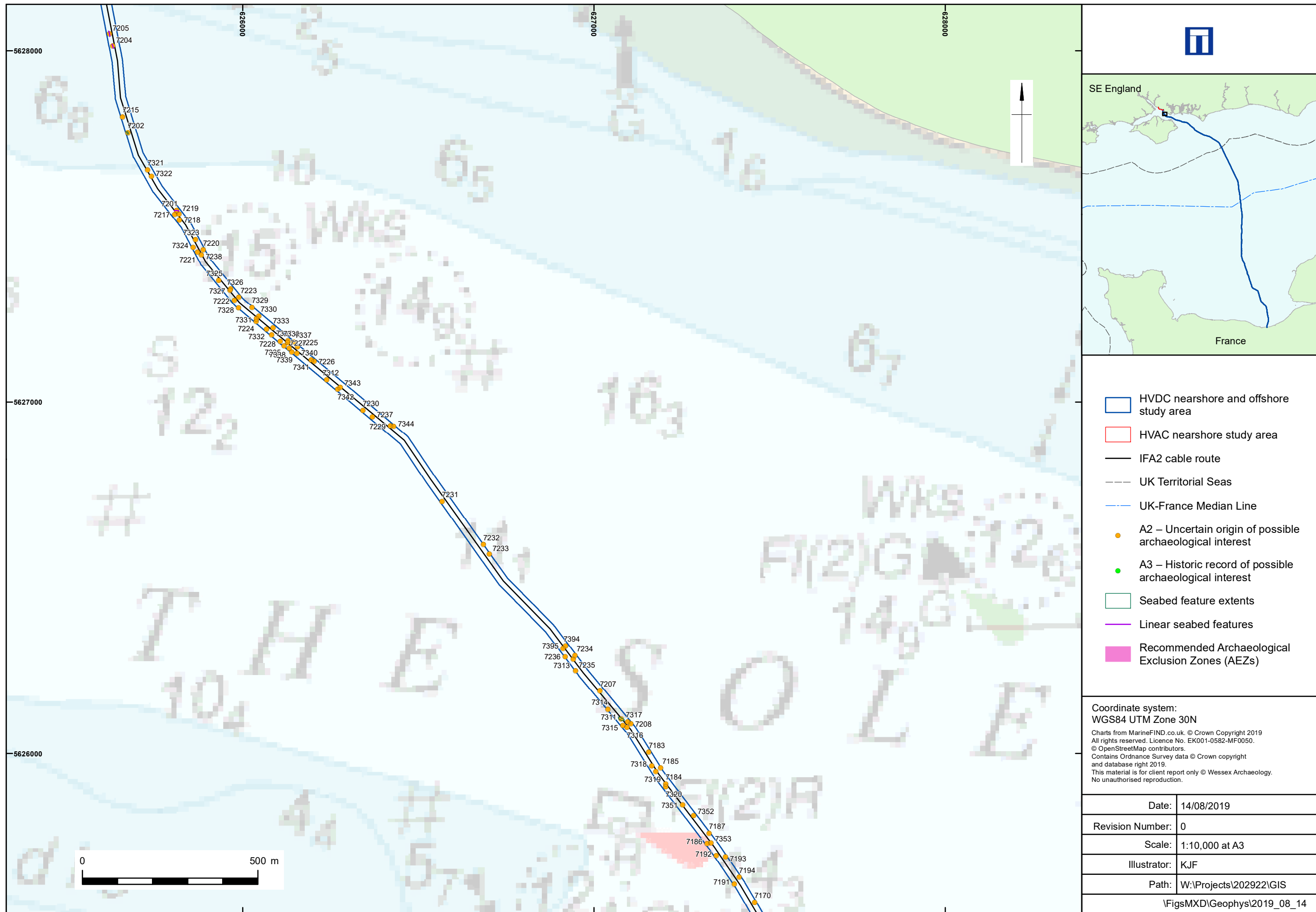
Seabed features of archaeological potential

Figure 2a



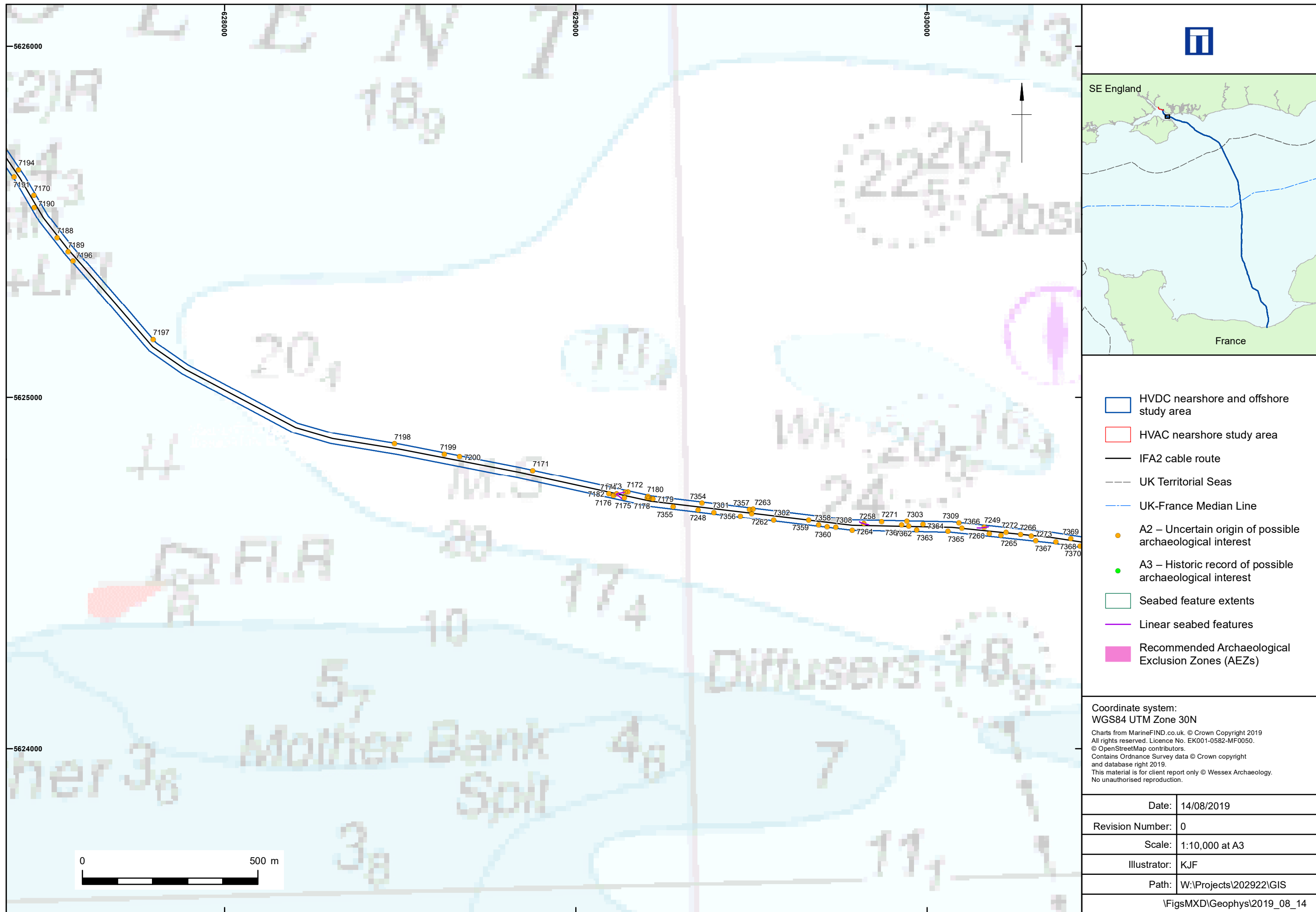
Seabed features of archaeological potential

Figure 2b



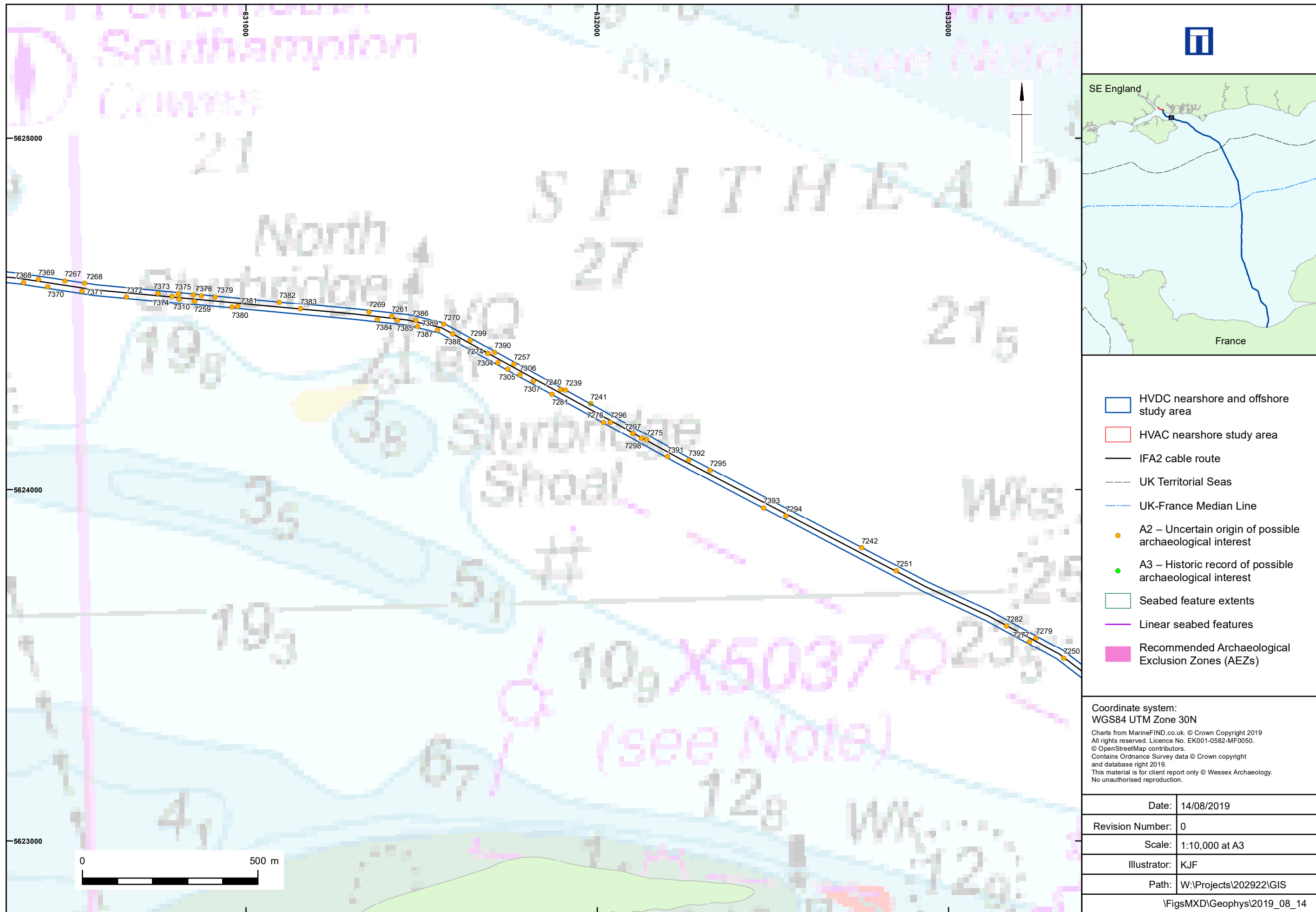
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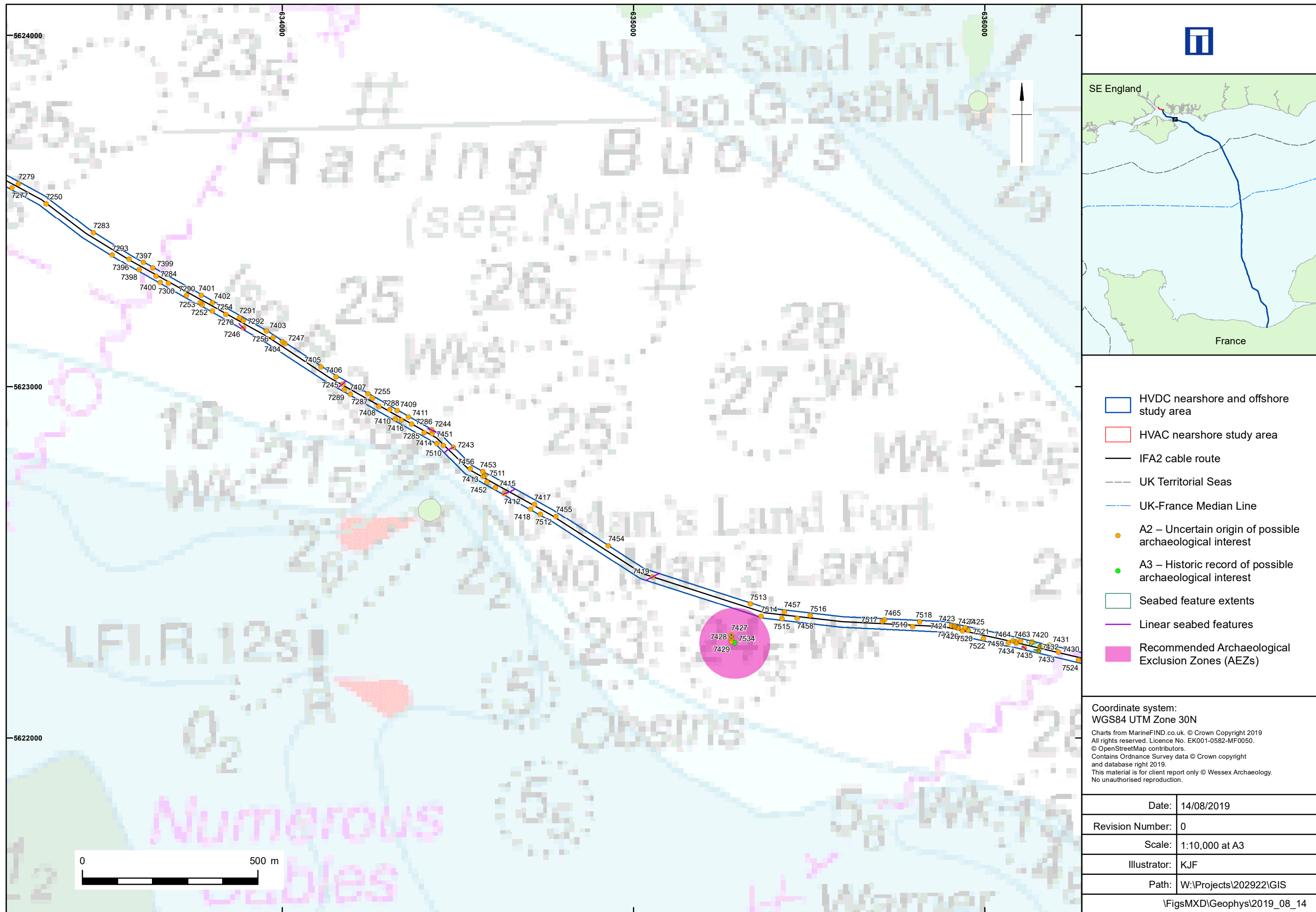


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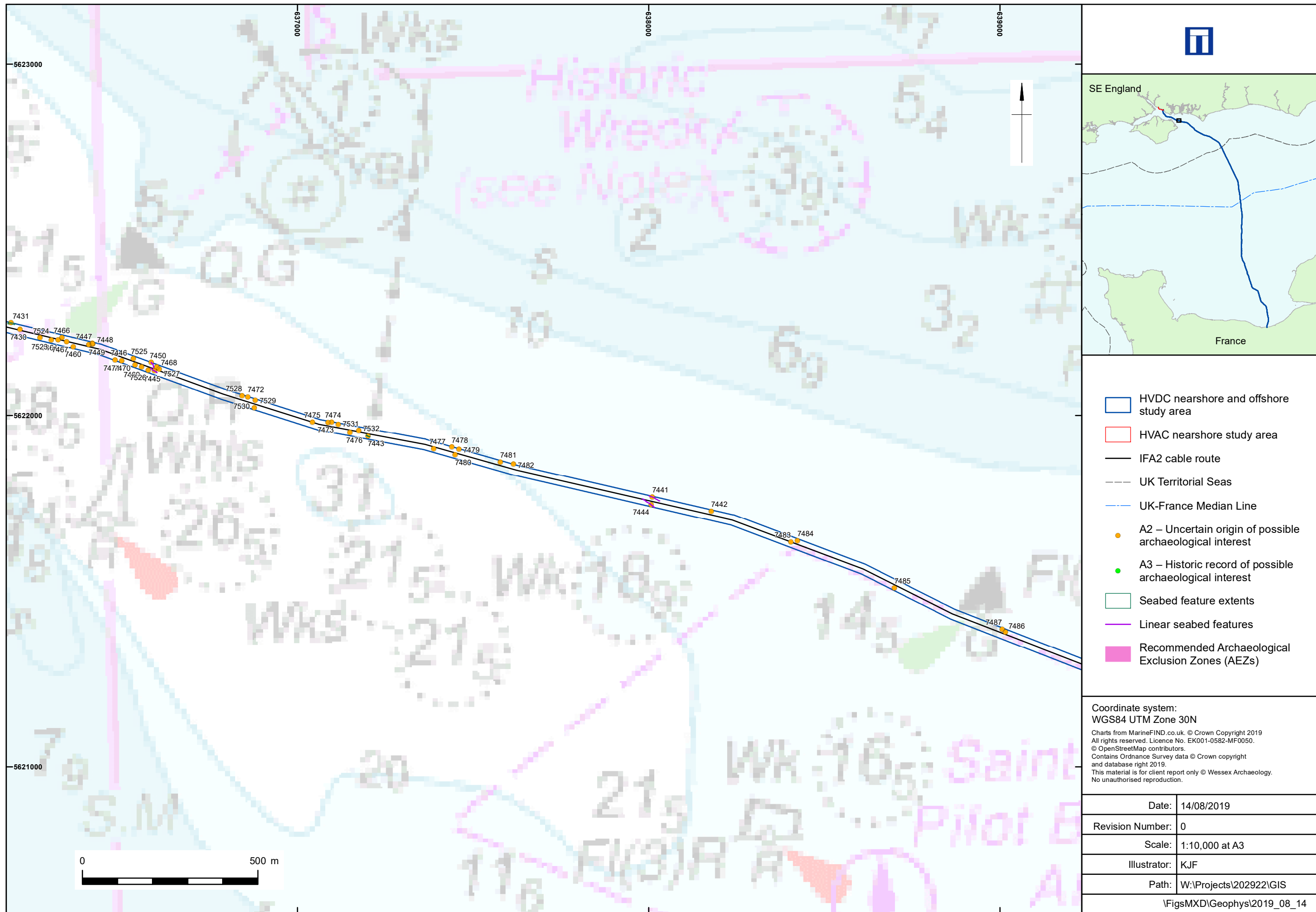
Figure 2d



Seabed features of archaeological potential

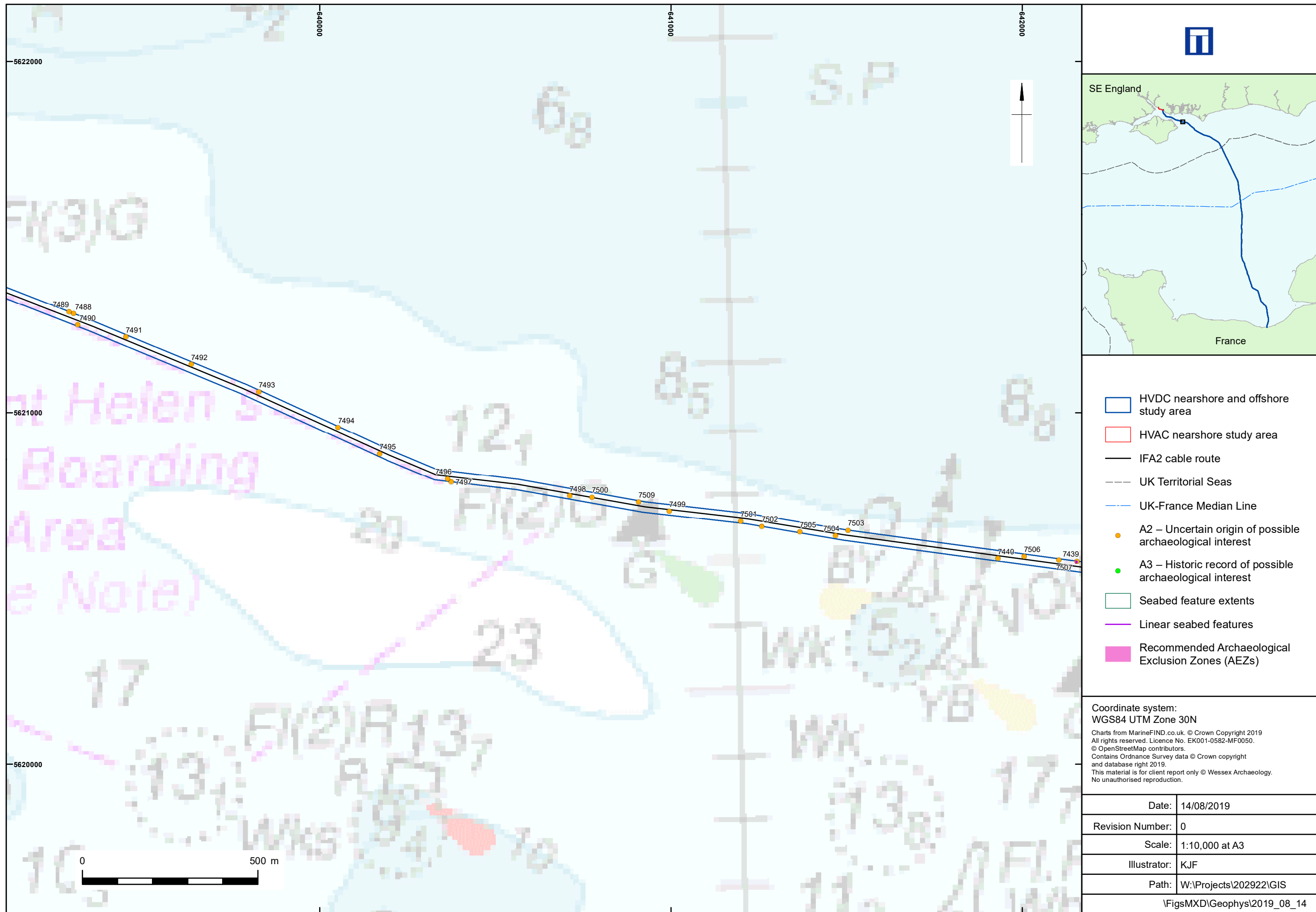


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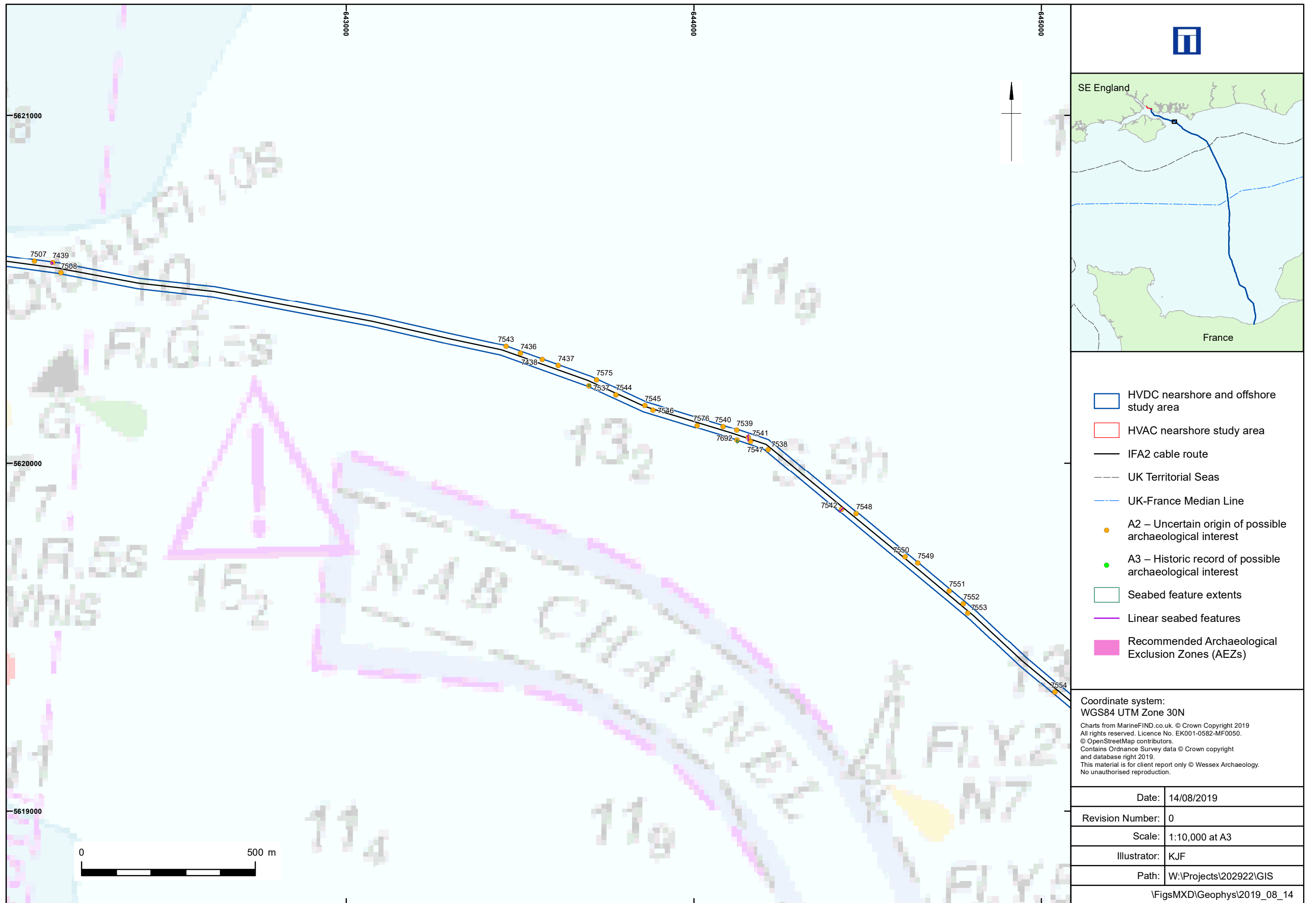


Seabed features of archaeological potential

Figure 2g

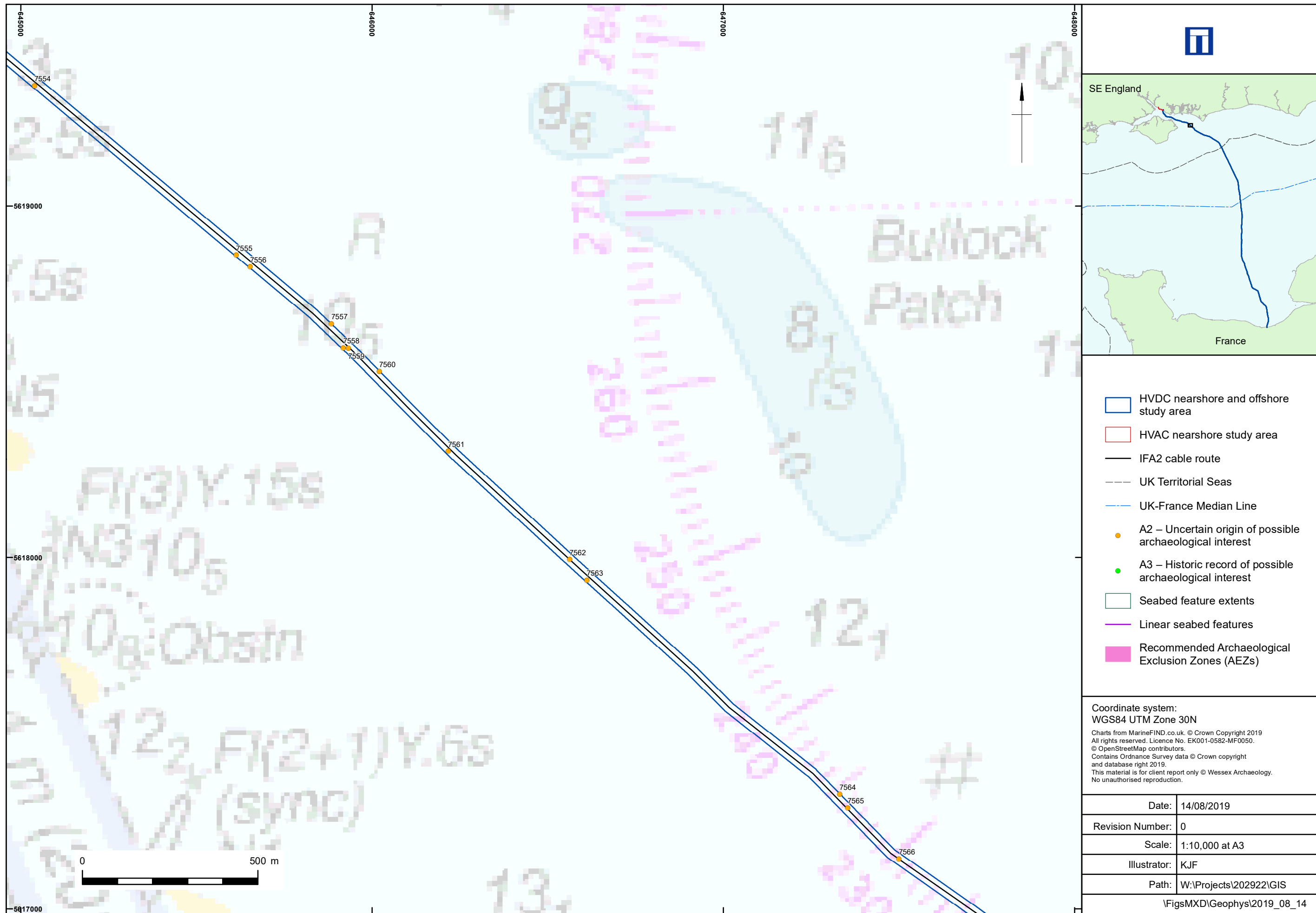


Seabed features of archaeological potential



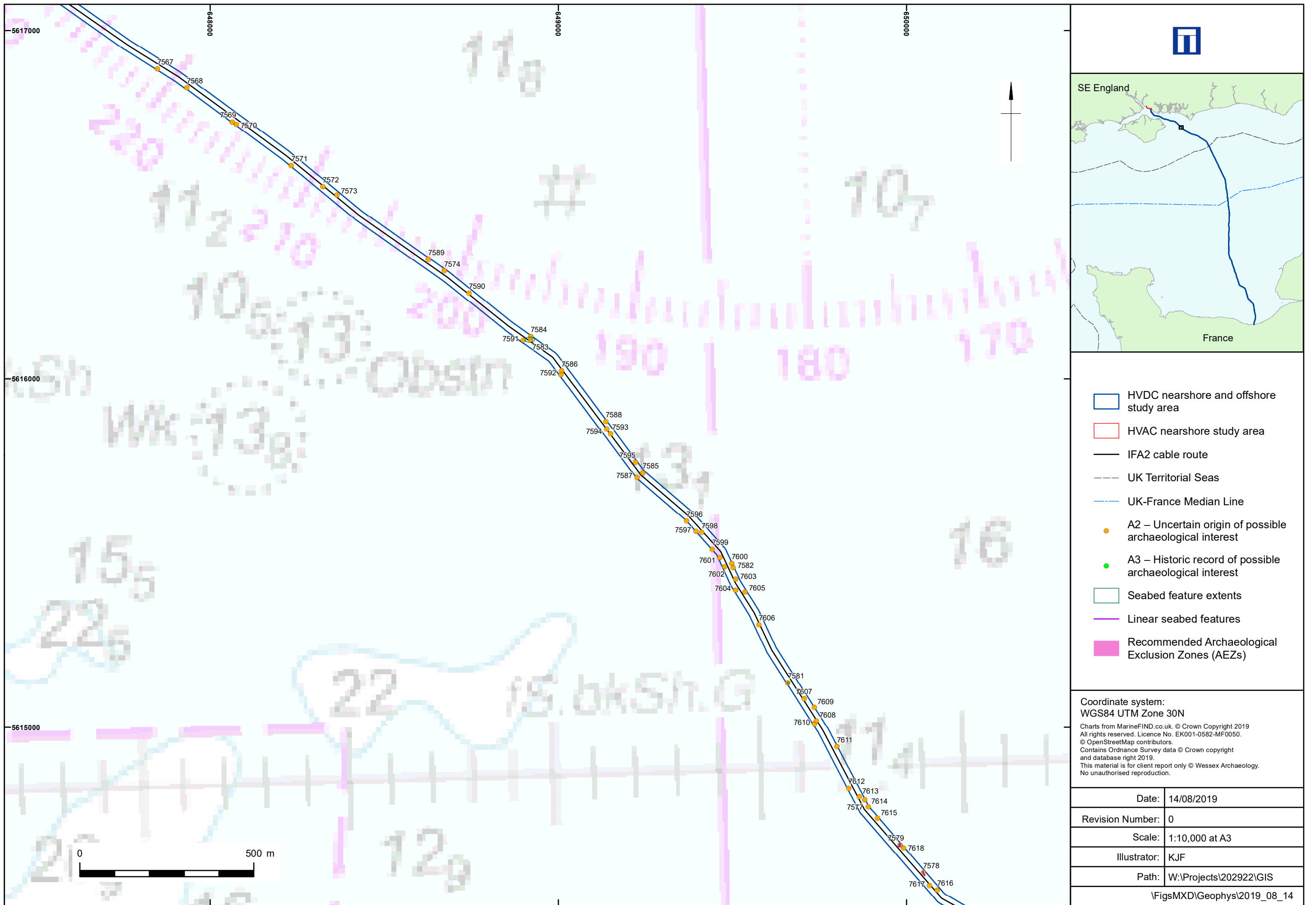
Seabed features of archaeological potential

Figure 2i



Seabed features of archaeological potential

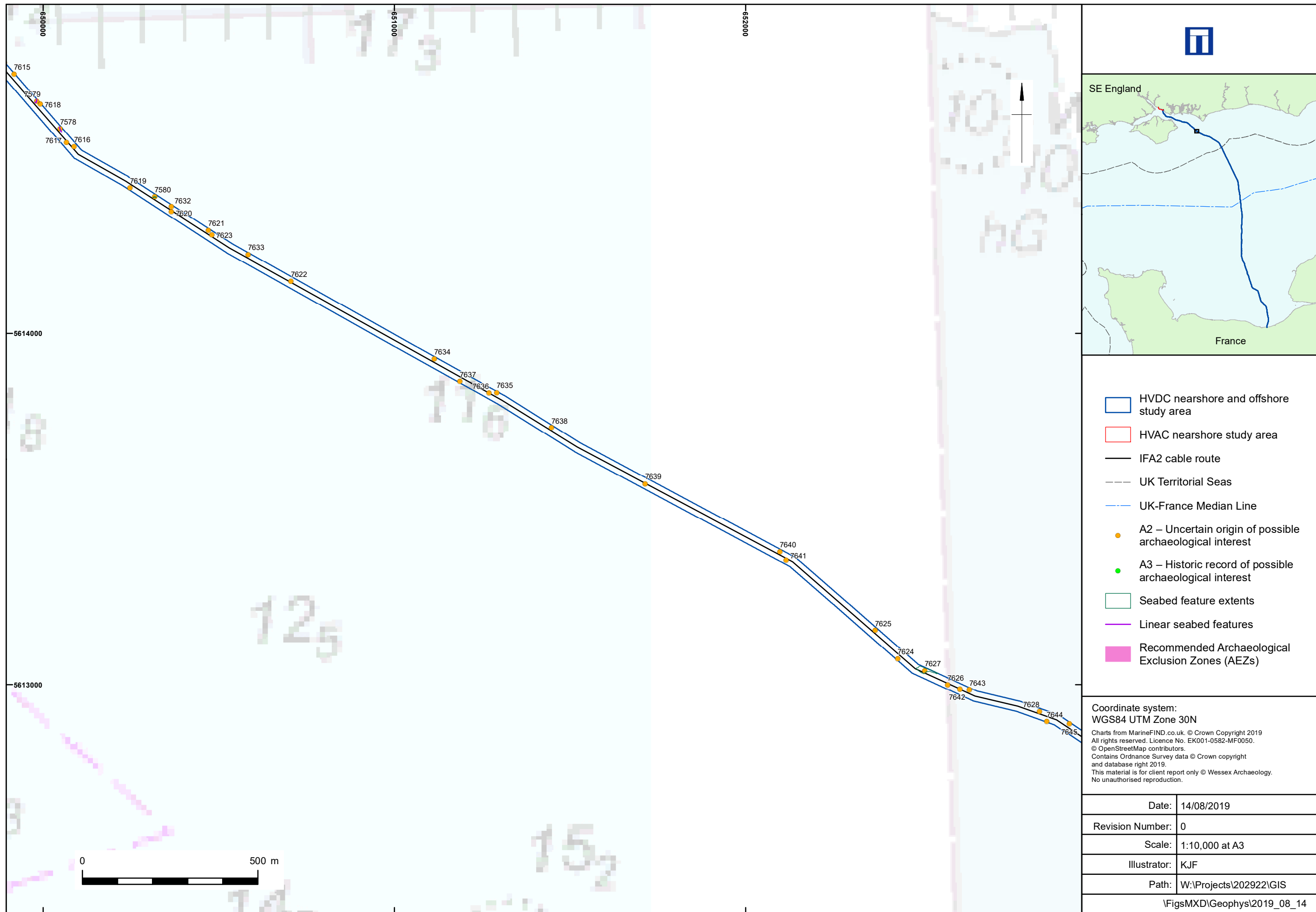
Figure 2j



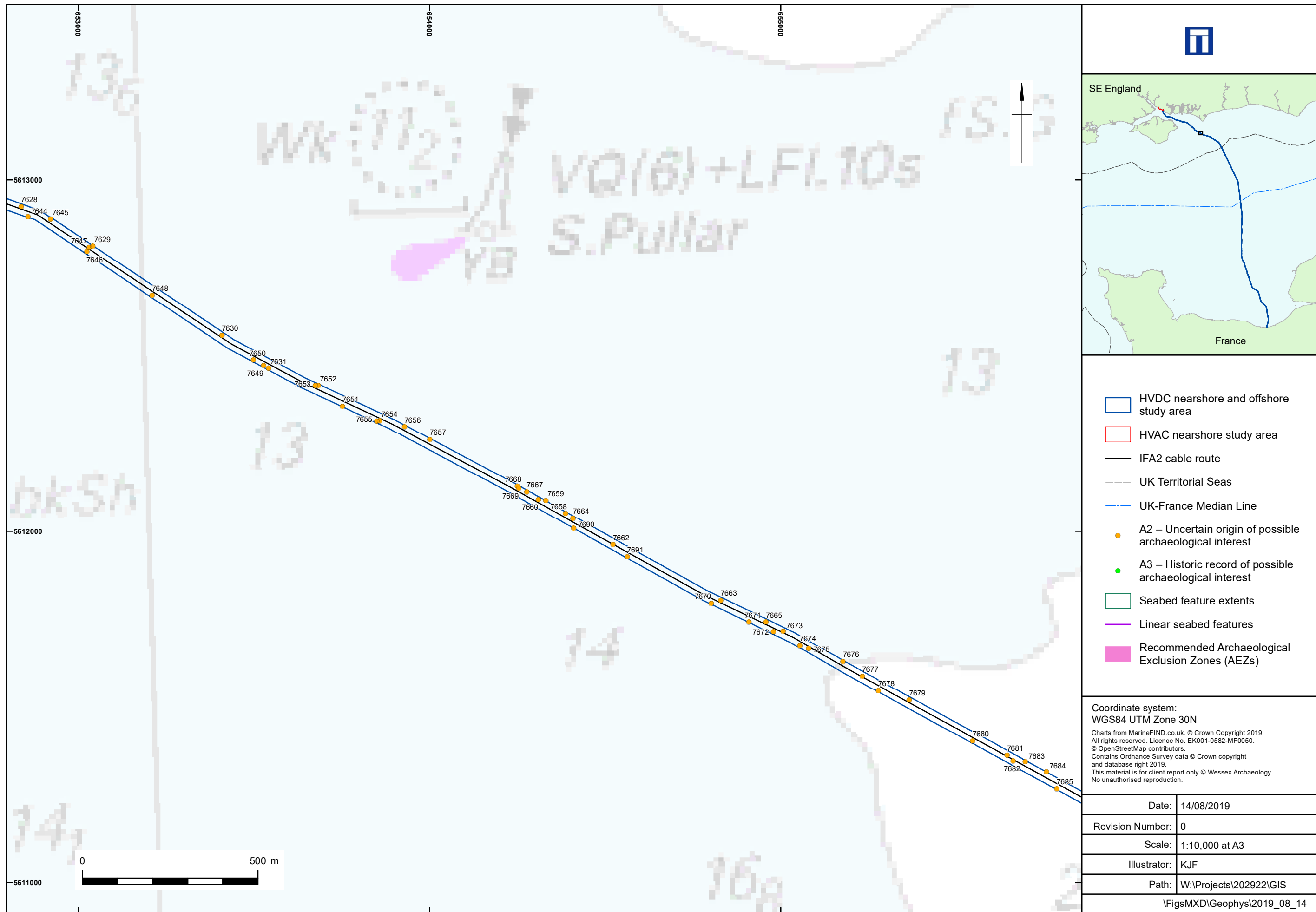
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Figure 2k



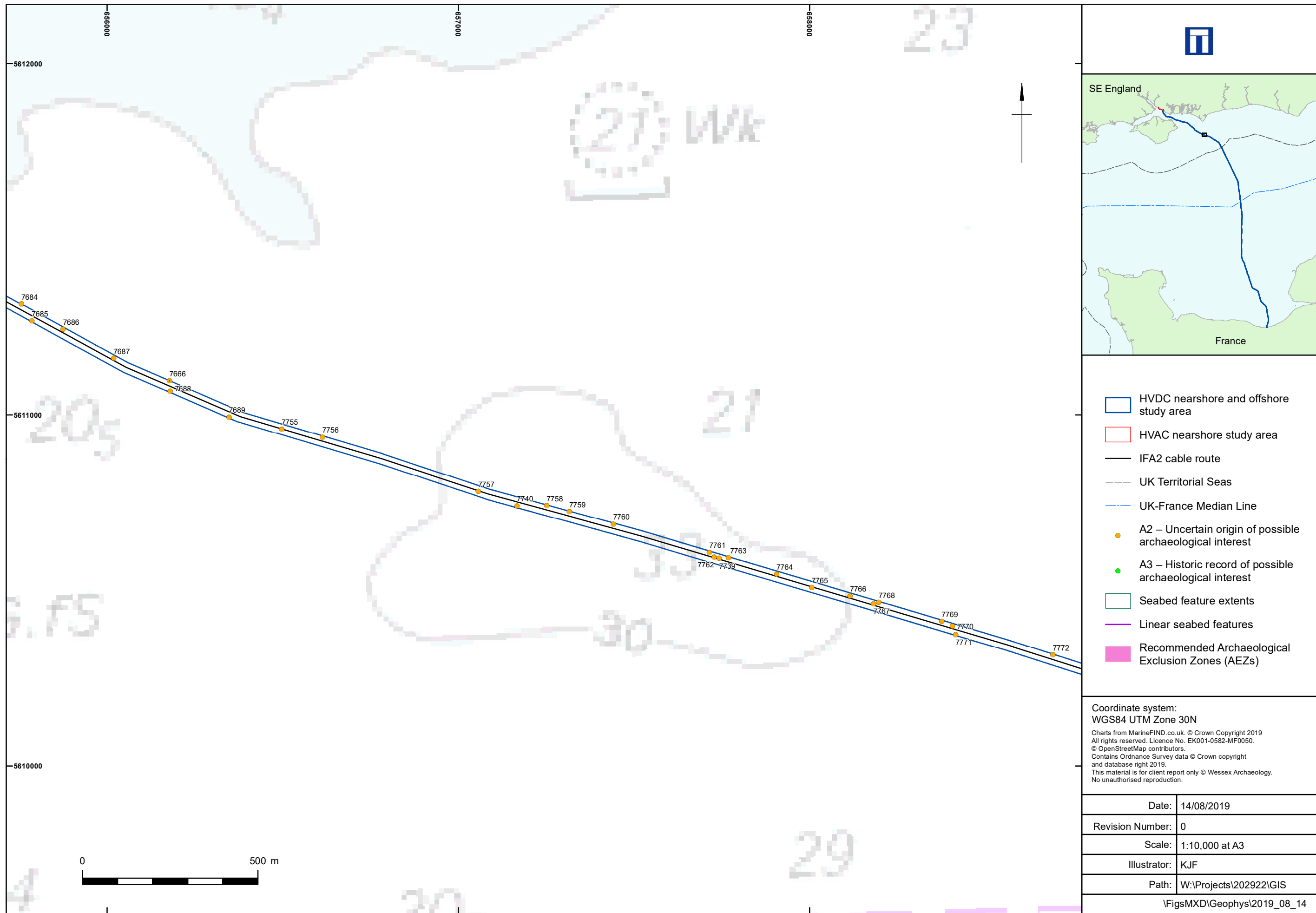


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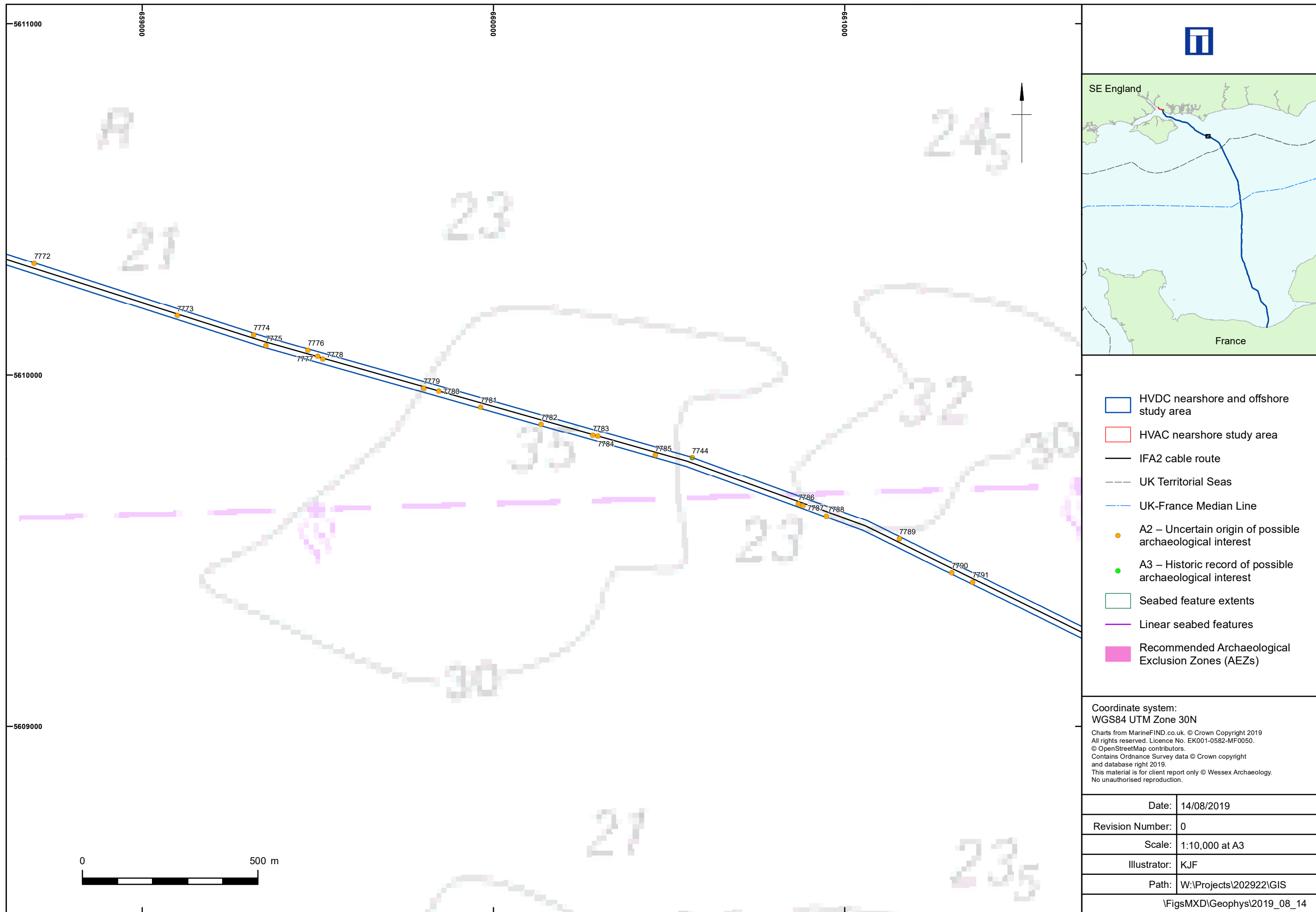
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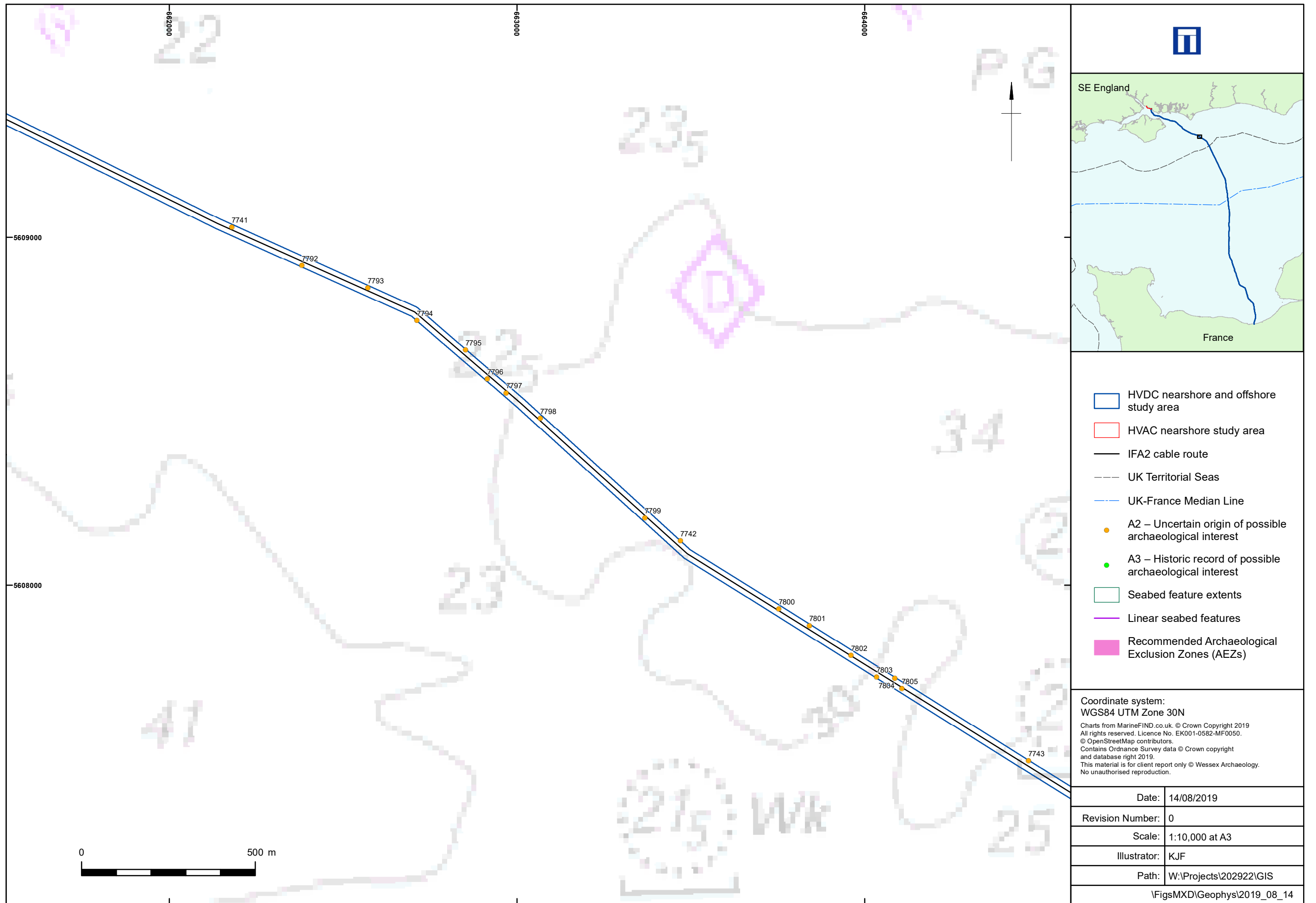


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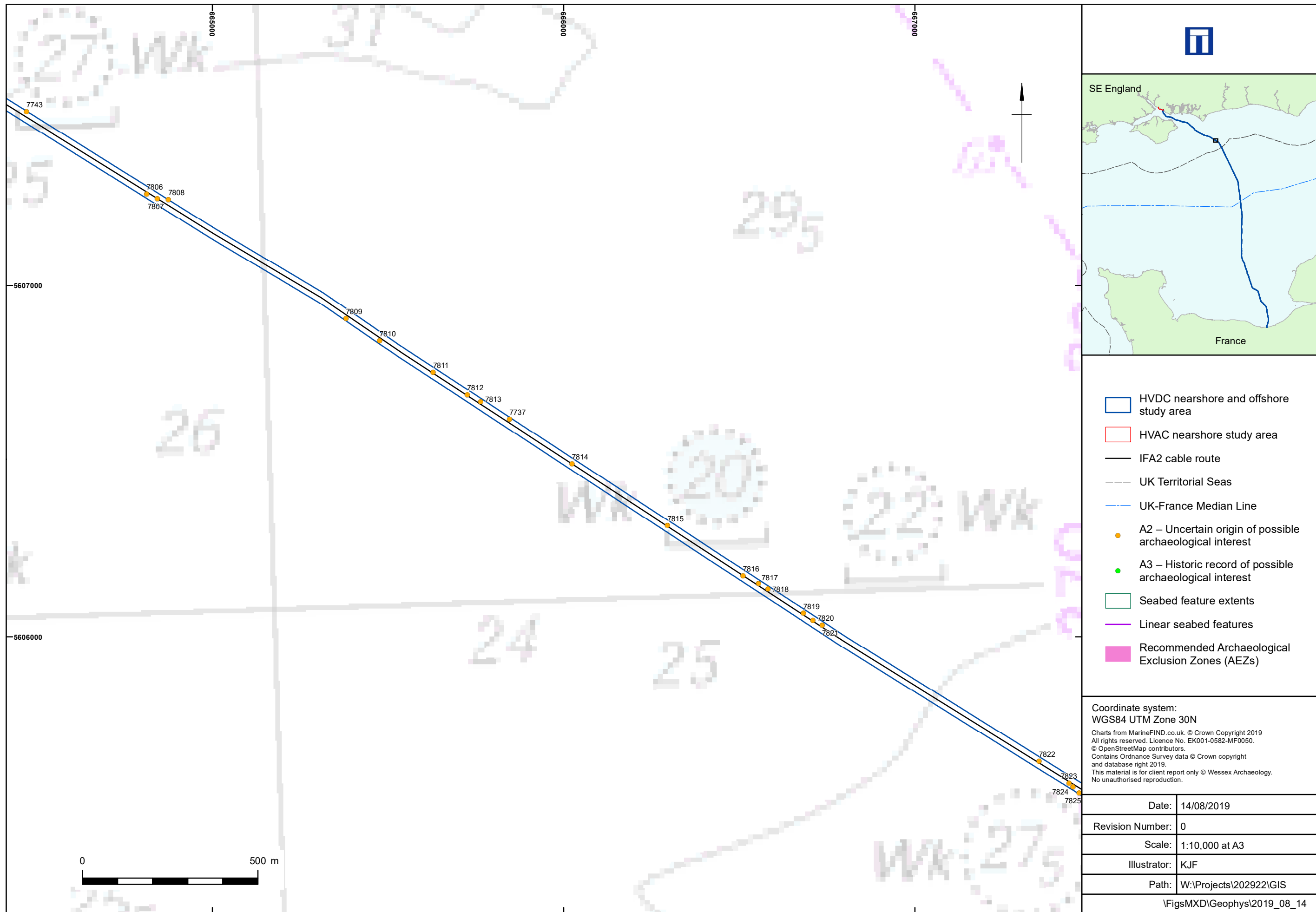
Figure 2n



Seabed features of archaeological potential

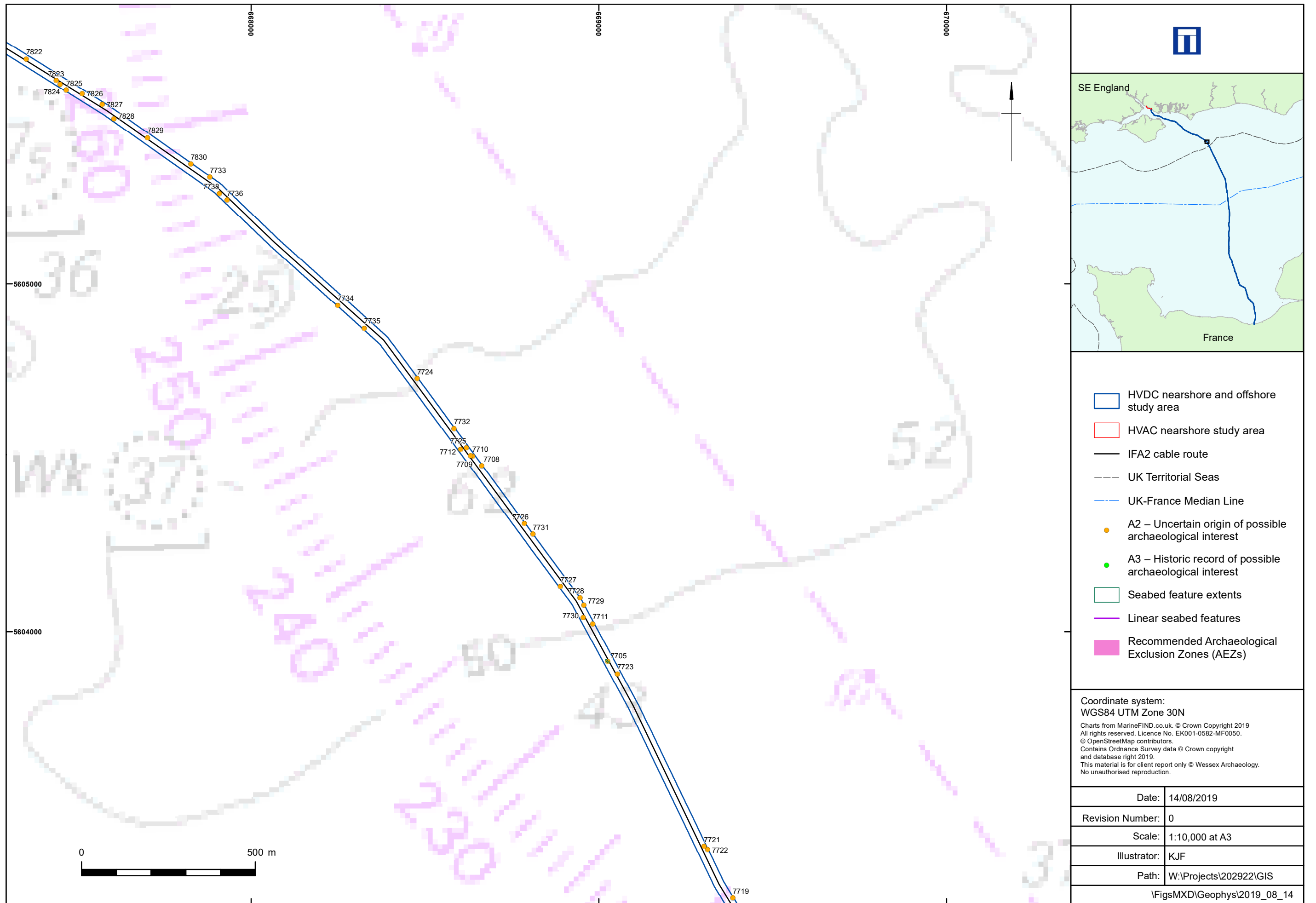


Seabed features of archaeological potential

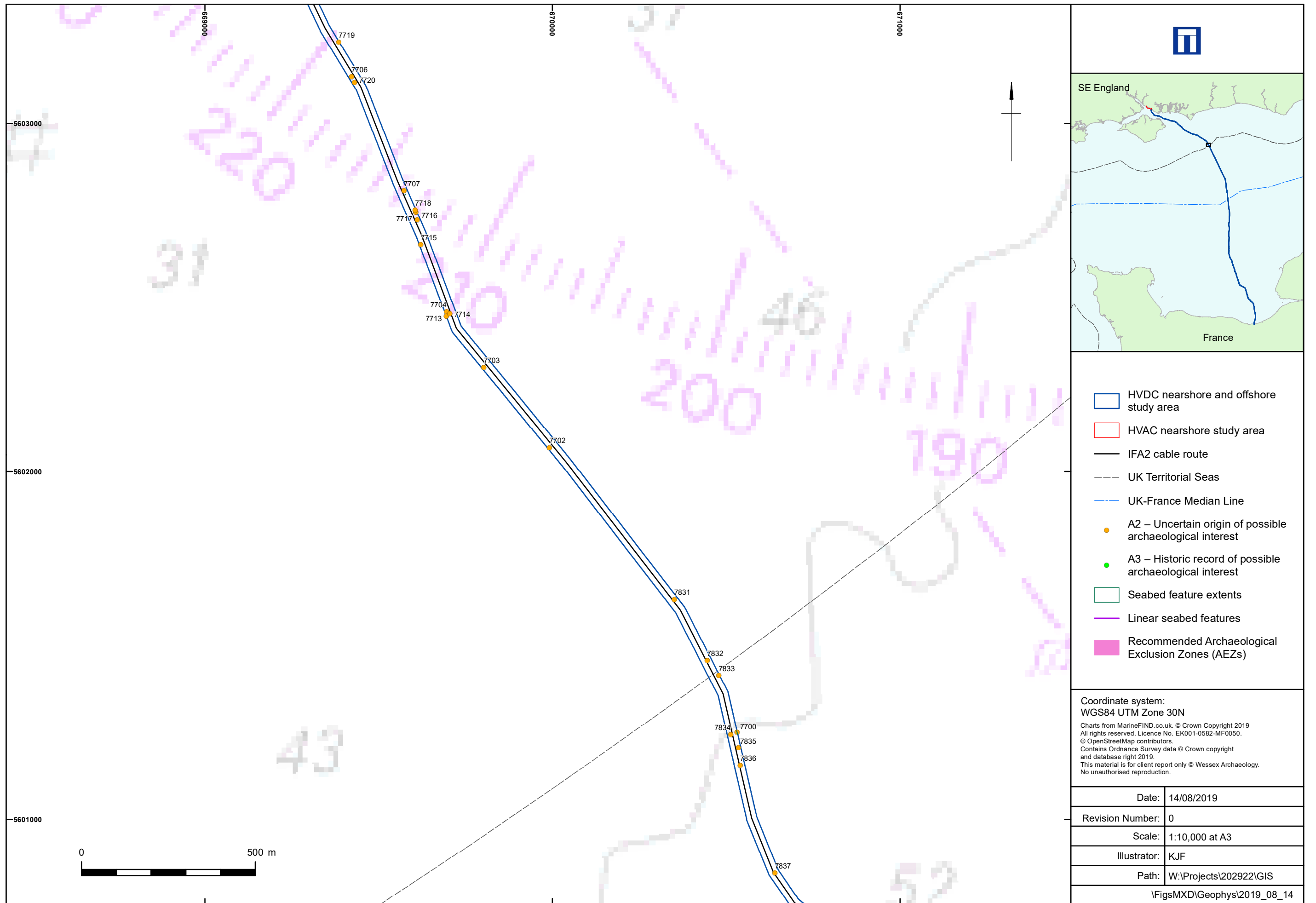


Seabed features of archaeological potential

Figure 2q



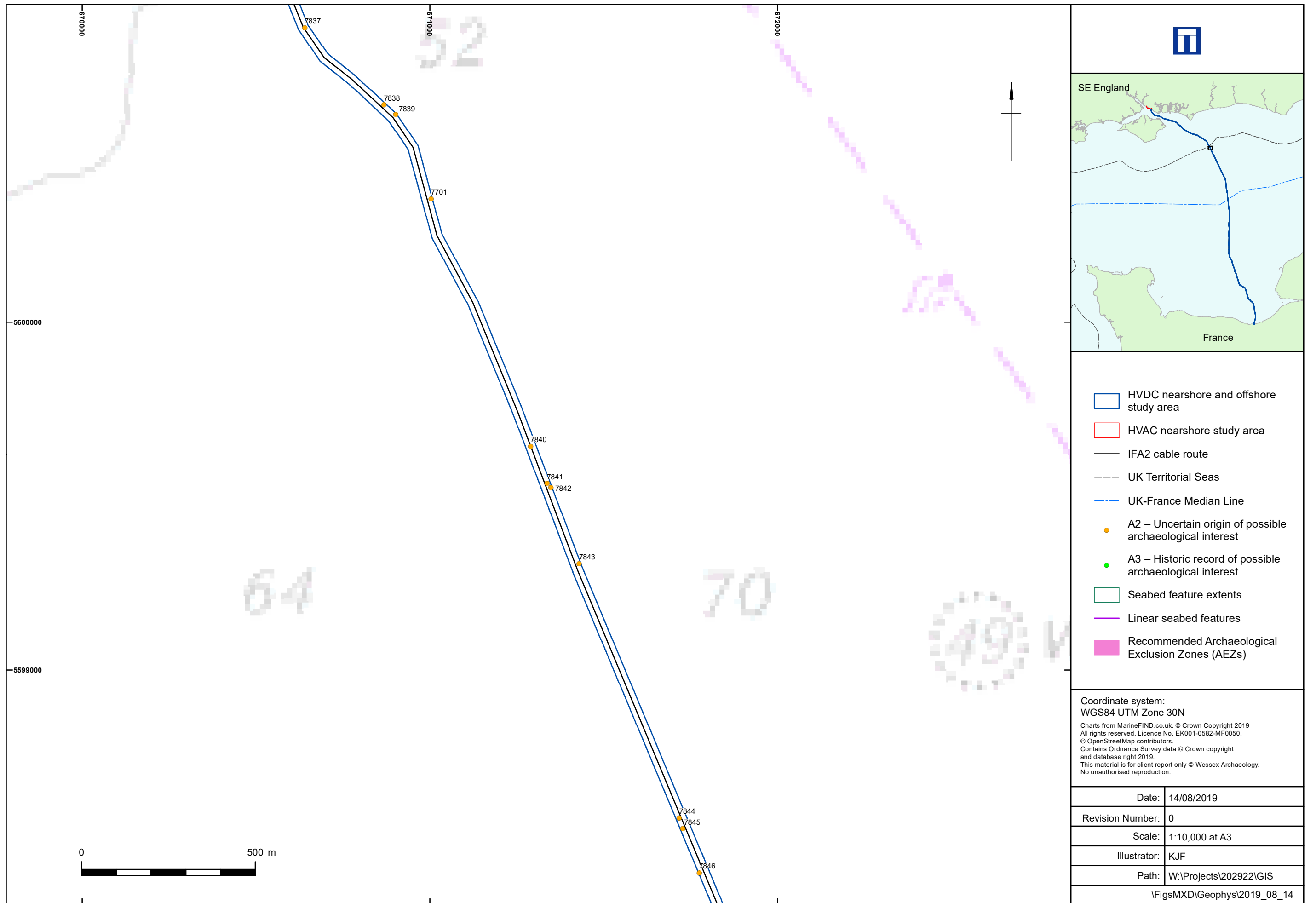
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Seabed features of archaeological potential

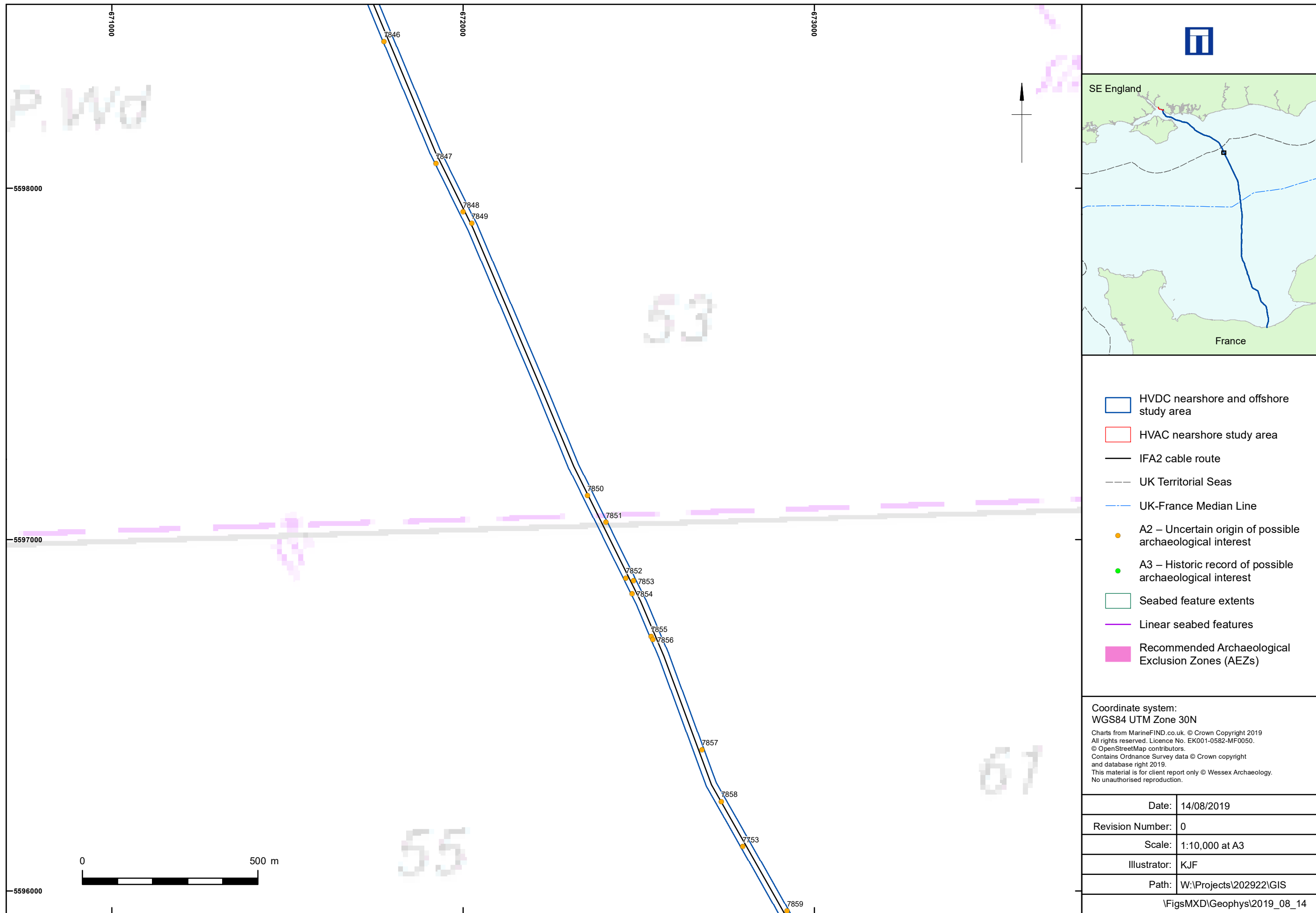
Figure 2s





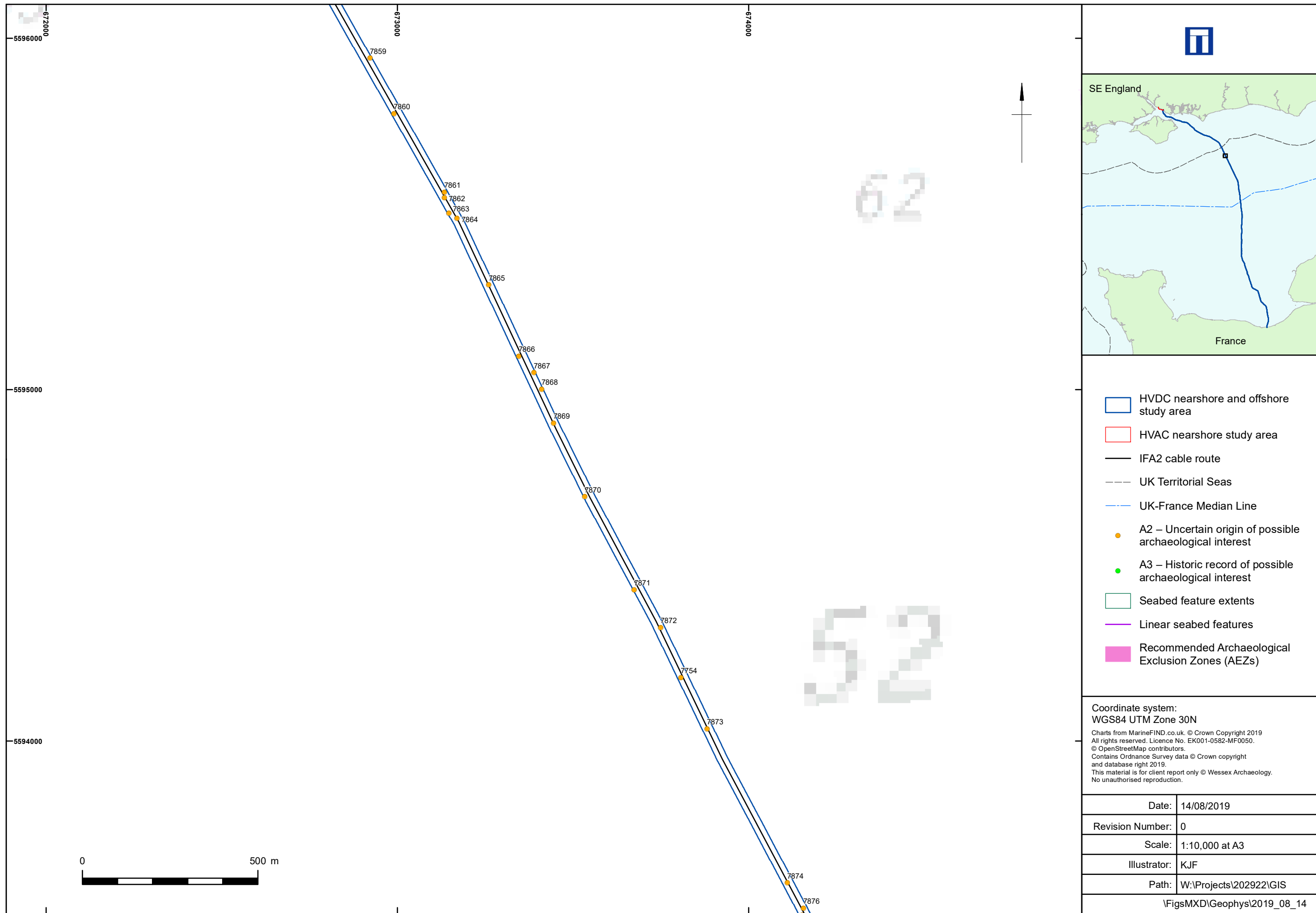
Seabed features of archaeological potential

Figure 2t



Seabed features of archaeological potential

Figure 2u

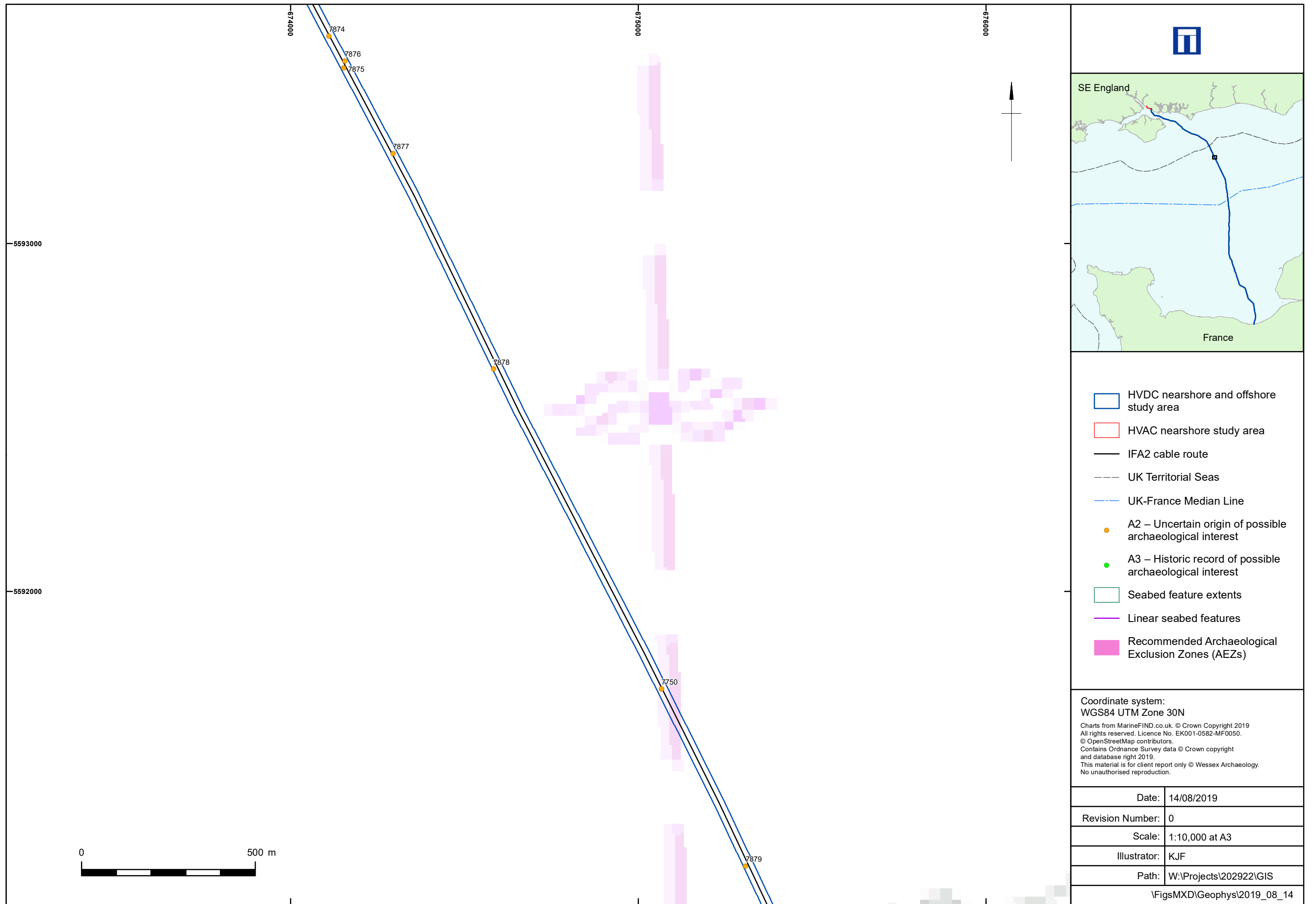


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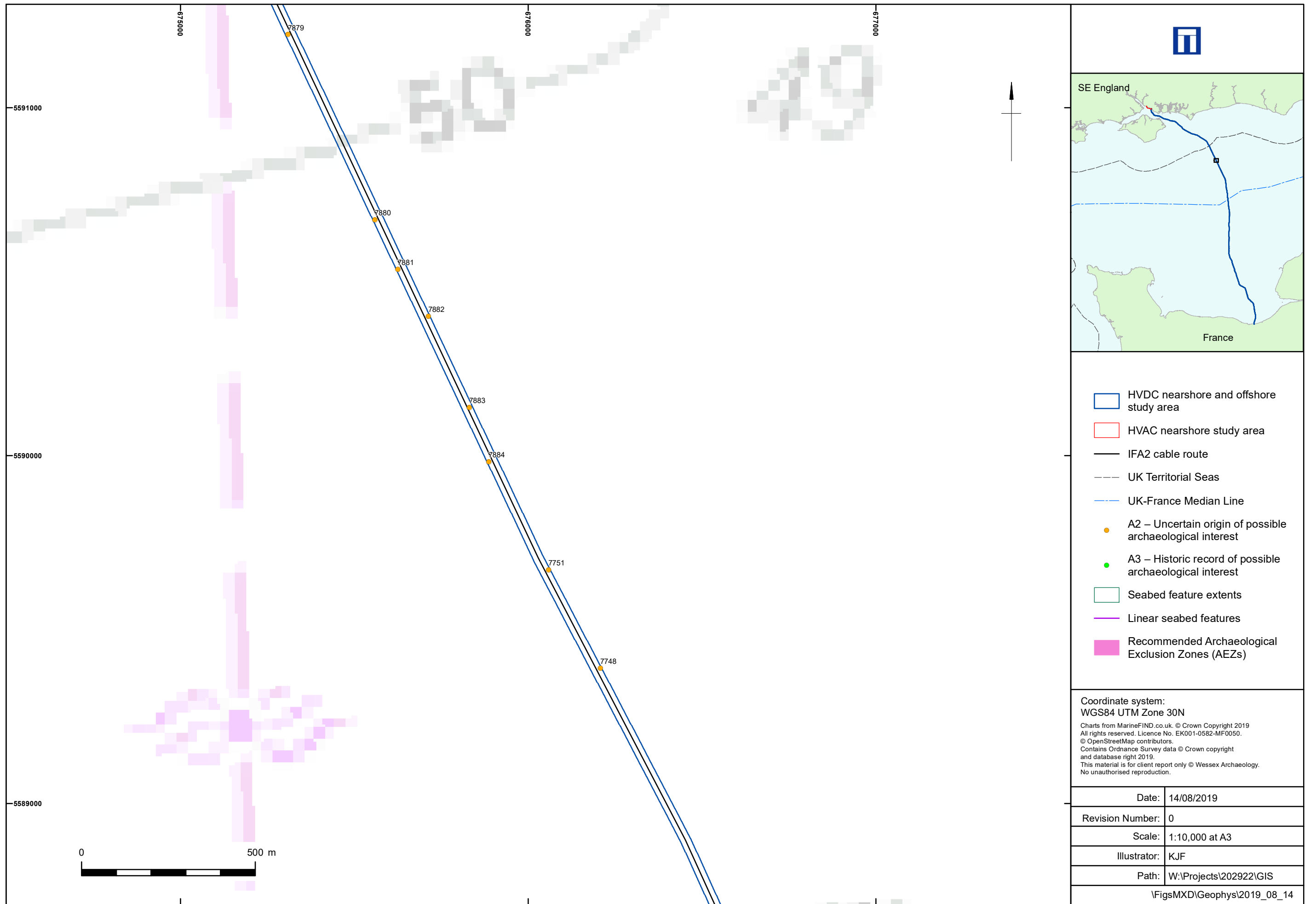
Figure 2v

Coordinate system:  
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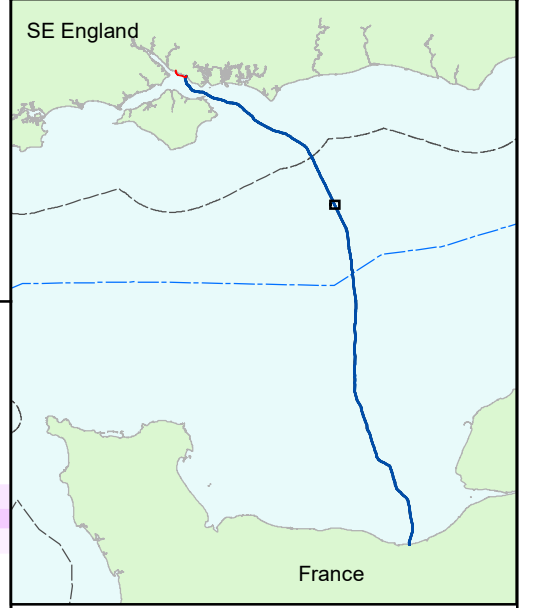
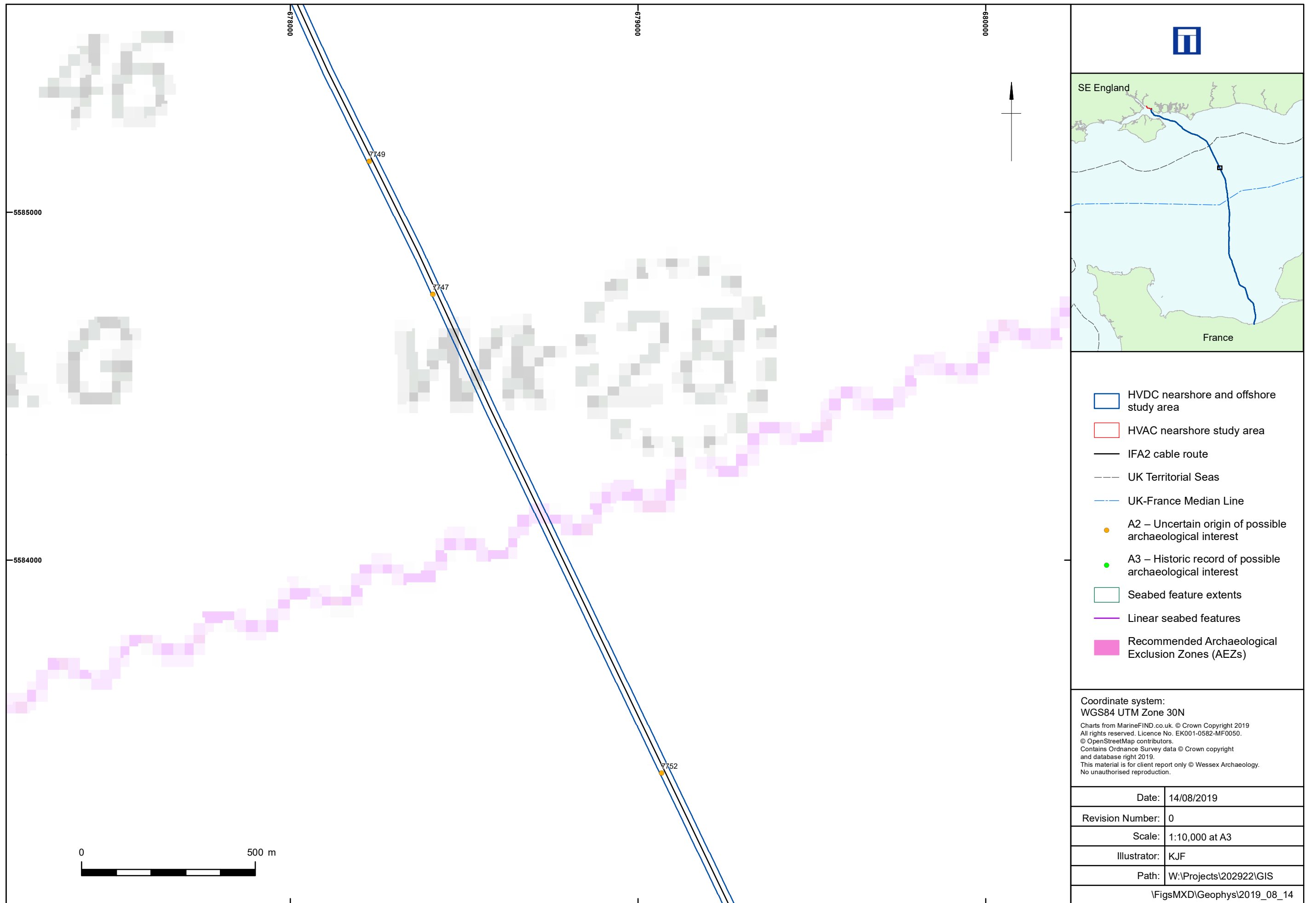


Seabed features of archaeological potential



Seabed features of archaeological potential

Figure 2x



- HVDC nearshore and offshore study area
- HVAC nearshore study area
- IFA2 cable route
- UK Territorial Seas
- UK-France Median Line
- A2 – Uncertain origin of possible archaeological interest
- A3 – Historic record of possible archaeological interest
- Seabed feature extents
- Linear seabed features
- Recommended Archaeological Exclusion Zones (AEZs)

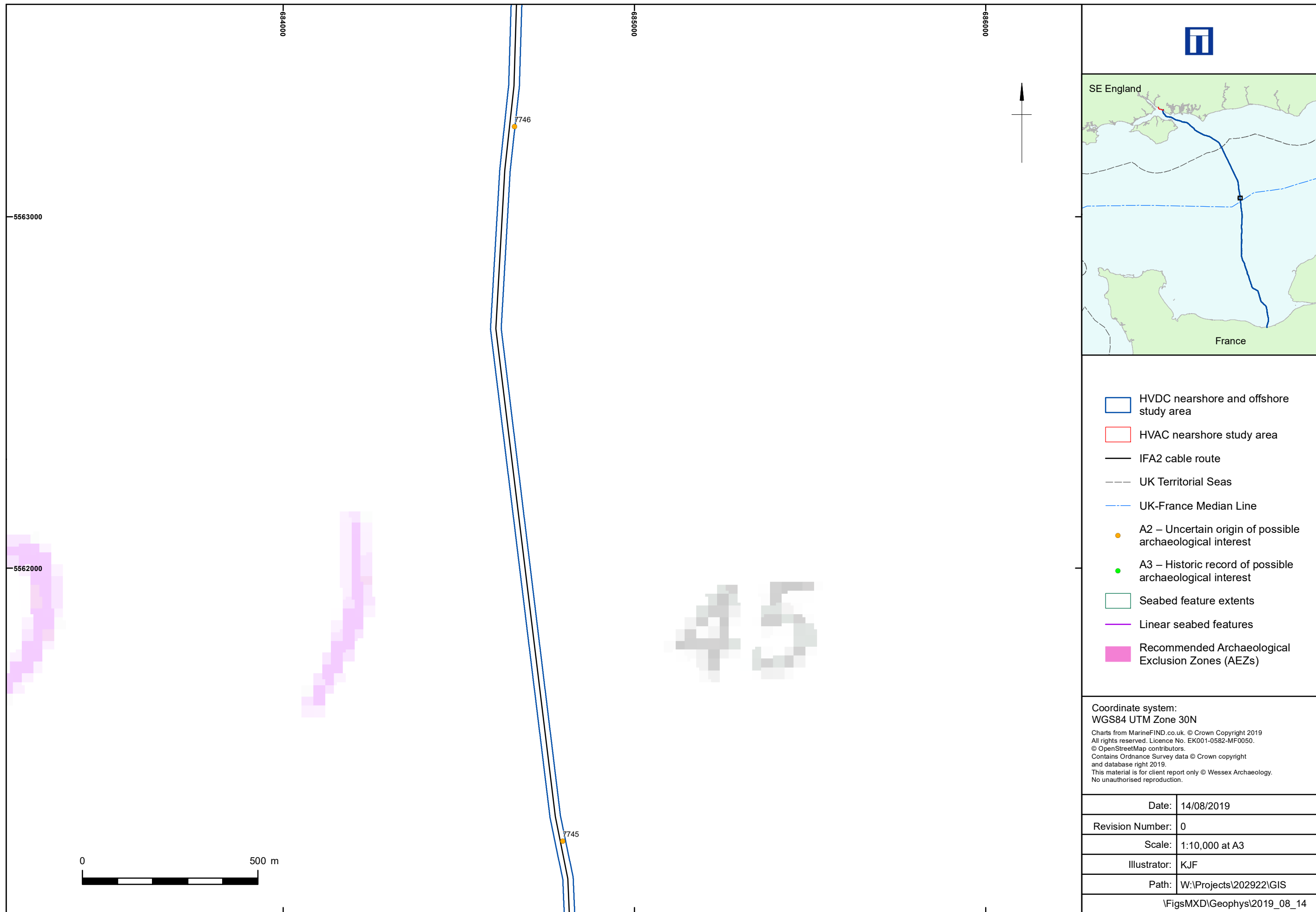
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\FigsMXD\Geophys\2019_08_14	

Seabed features of archaeological potential

Figure 2y



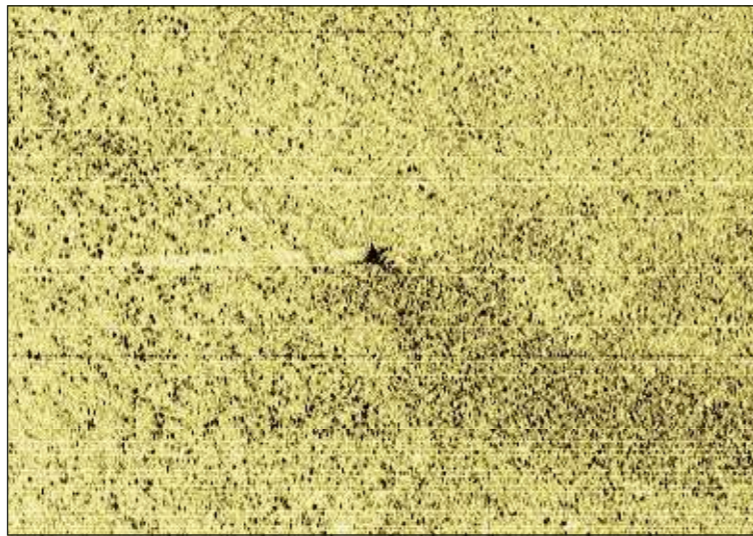
Seabed features of archaeological potential

Figure 2z

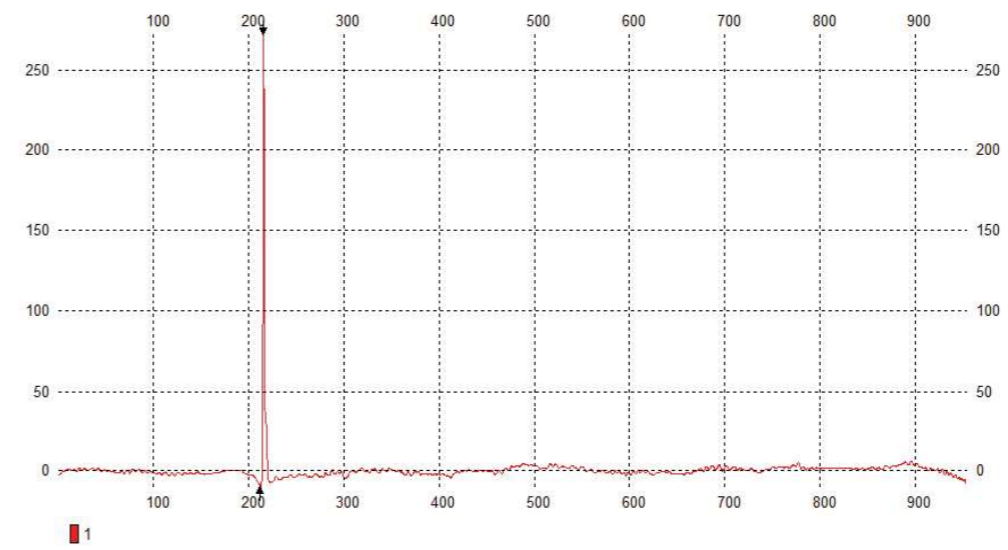
Coordinate system:  
WGS84 UTM Zone 30N

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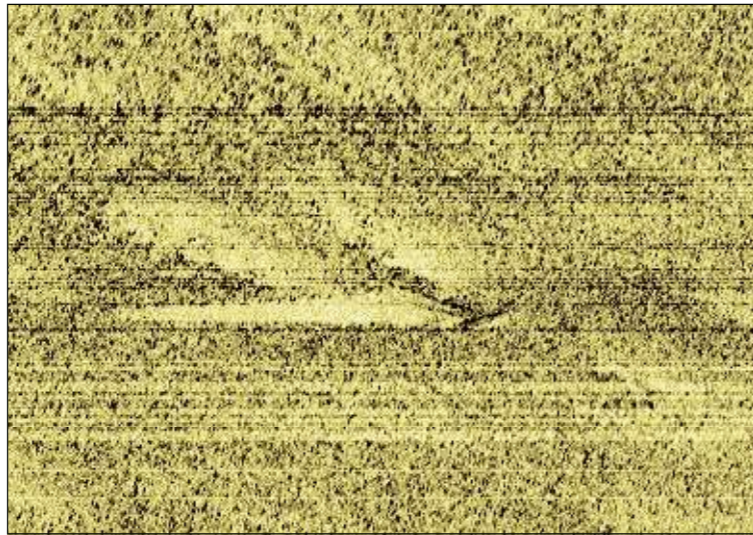
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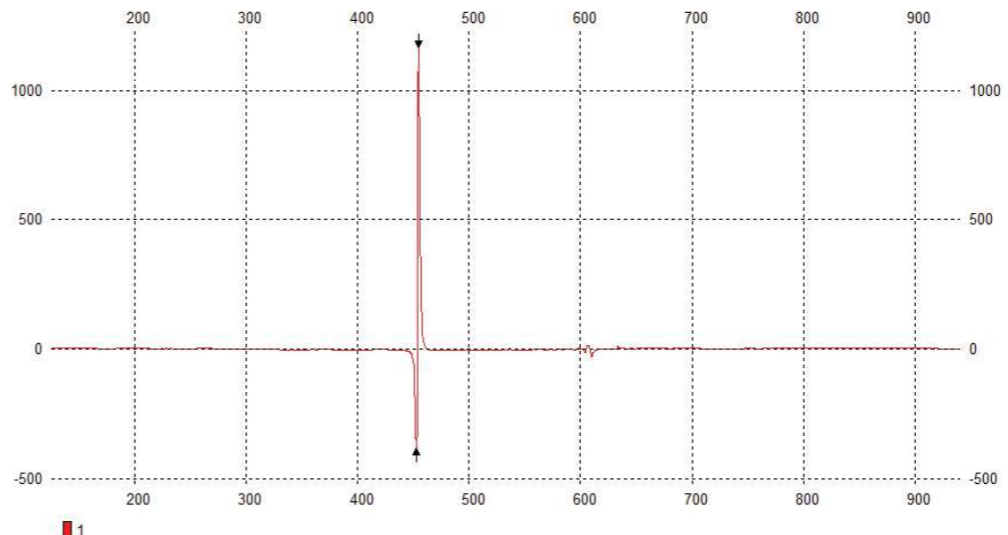
Sidescan sonar image of ferrous debris **7008**, measuring 1.4 x 1.4 x 0.4 m



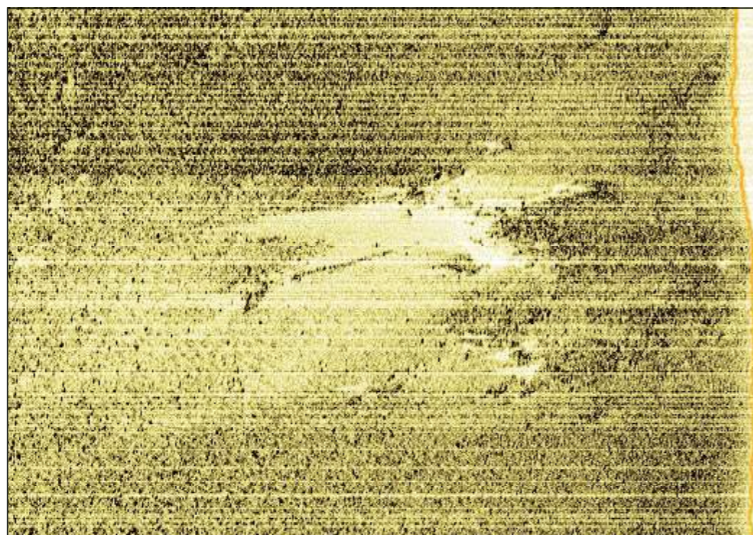
Magnetic profile of ferrous debris **7008**, measuring 376 nT



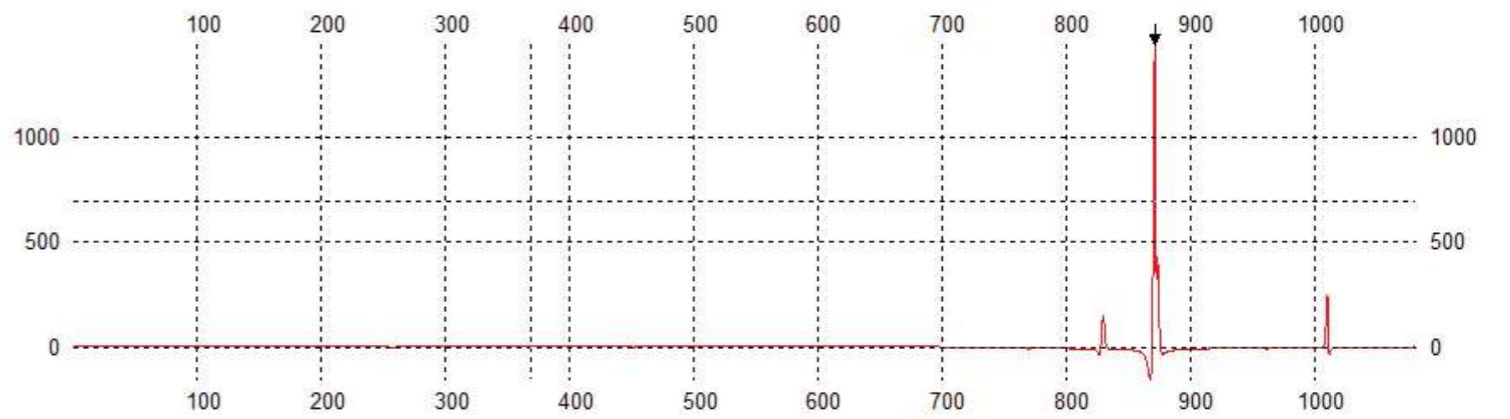
Sidescan sonar image of ferrous debris **7011**, measuring 5.0 x 2.4 x 0.5 m



Magnetic profile of ferrous debris **7011**, measuring 1558 nT



Sidescan sonar image of ferrous debris field **7026**, measuring 14.9 x 9.0 x 0.5 m



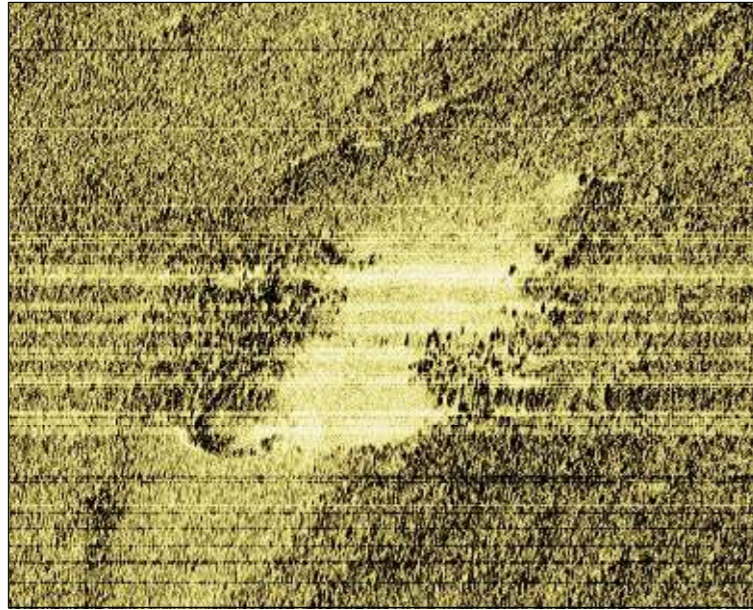
Magnetic profile of ferrous debris field **7026**, measuring 1540 nT



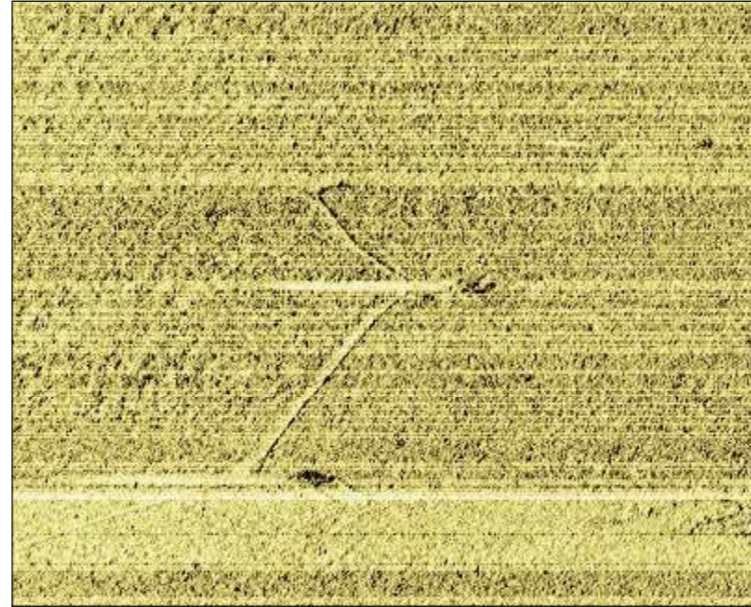
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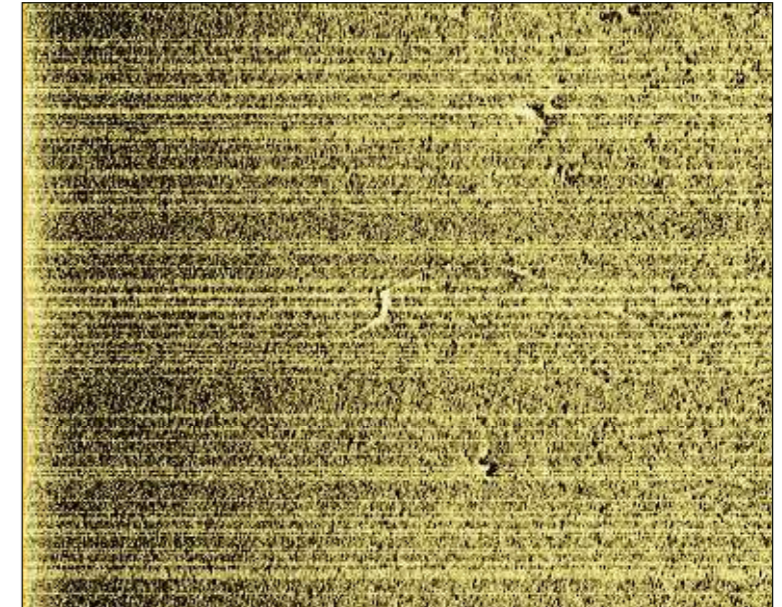




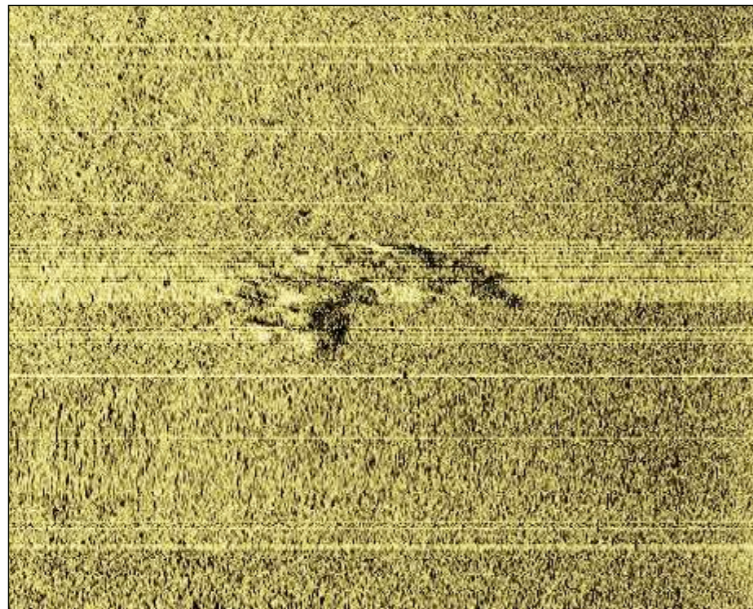
Sidescan sonar image of seabed disturbance **7000**, measuring 12.1 x 2.6 x 0.7 m



Sidescan sonar image of rope/chain **7005**, measuring 26.4 x 1.7 x 0.5 m



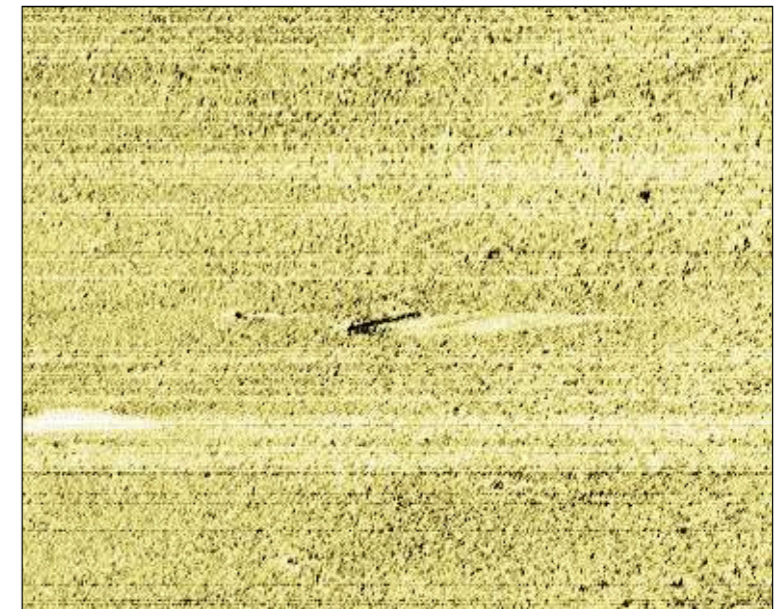
Sidescan sonar image of rope/chain **7015**, measuring 7.4 x 0.2 x 0.1 m



Sidescan sonar image of debris field **7118**, measuring 5.0 x 4.5 x 0.1 m



Sidescan sonar image of seabed disturbance **7142**, measuring 10.3 x 7.6 x 0.1 m

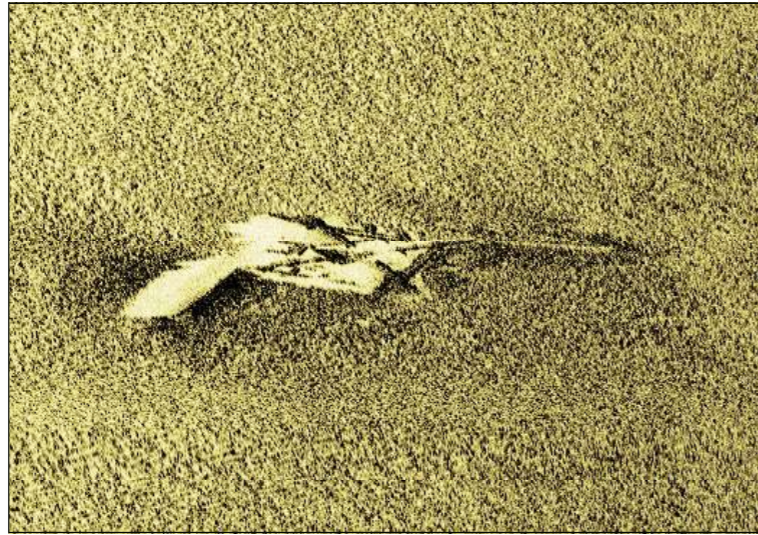


Sidescan sonar image of dark reflector **7004**, measuring 2.3 x 0.6 x 0.5 m

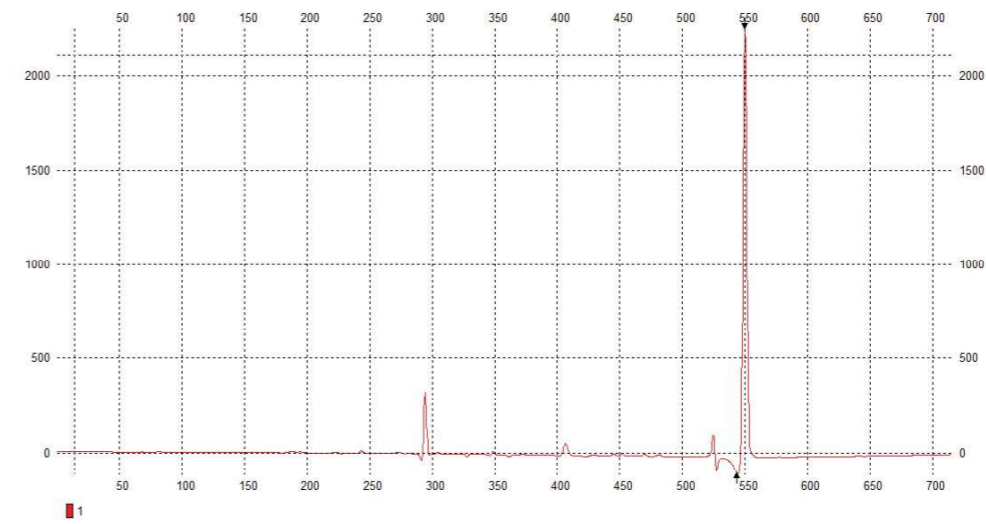


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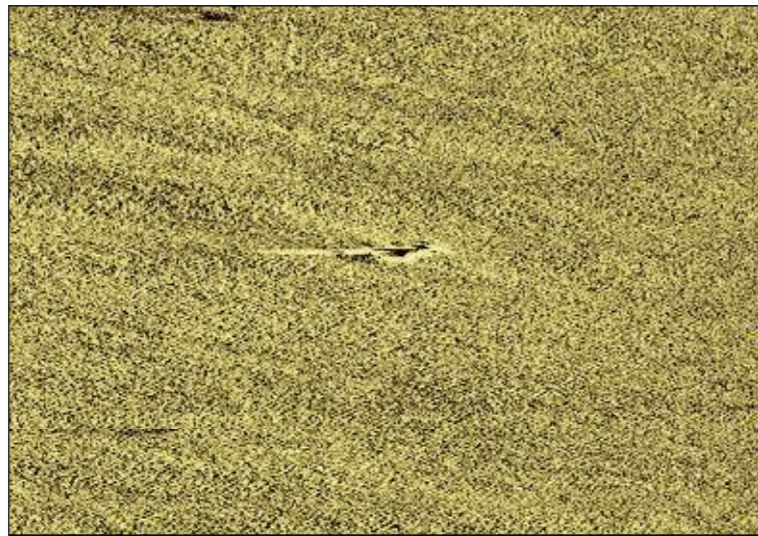
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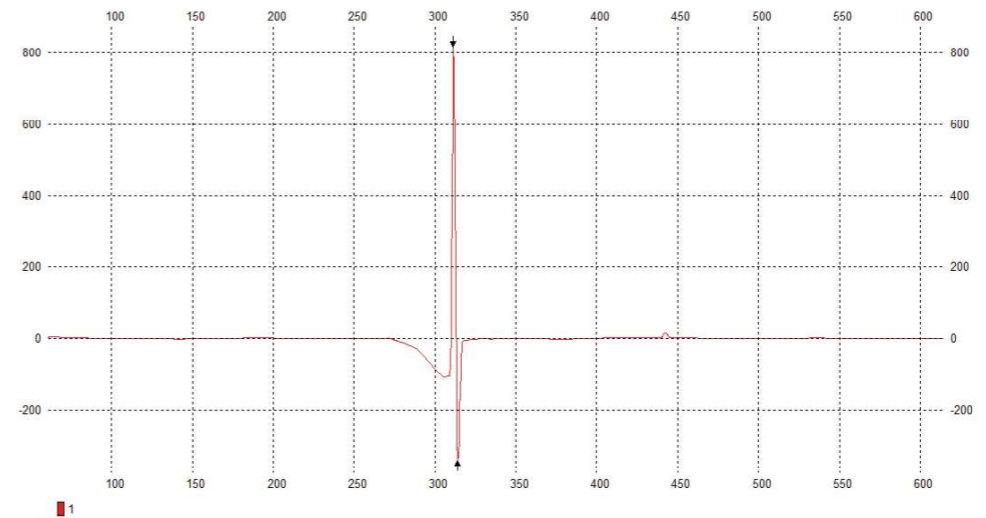
Sidescan sonar image of ferrous debris field **7692**, measuring 16.9 x 9.1 x 0.5 m



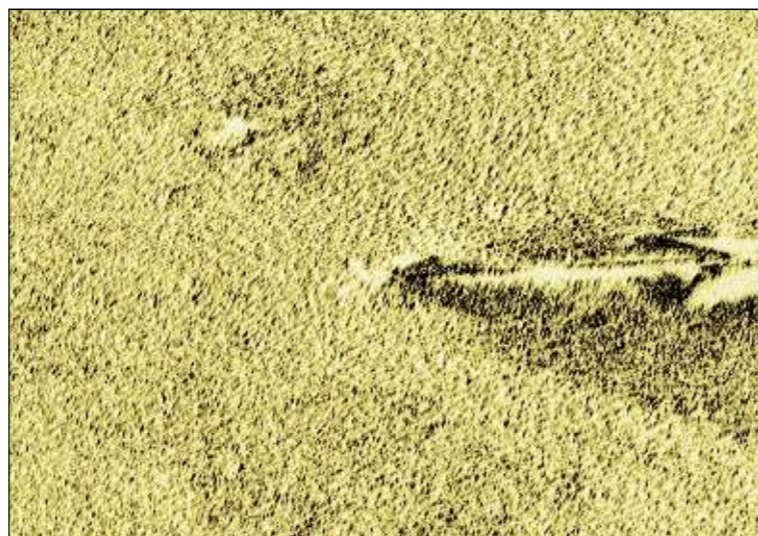
Magnetic profile of ferrous debris field **7692**, measuring 2563 nT



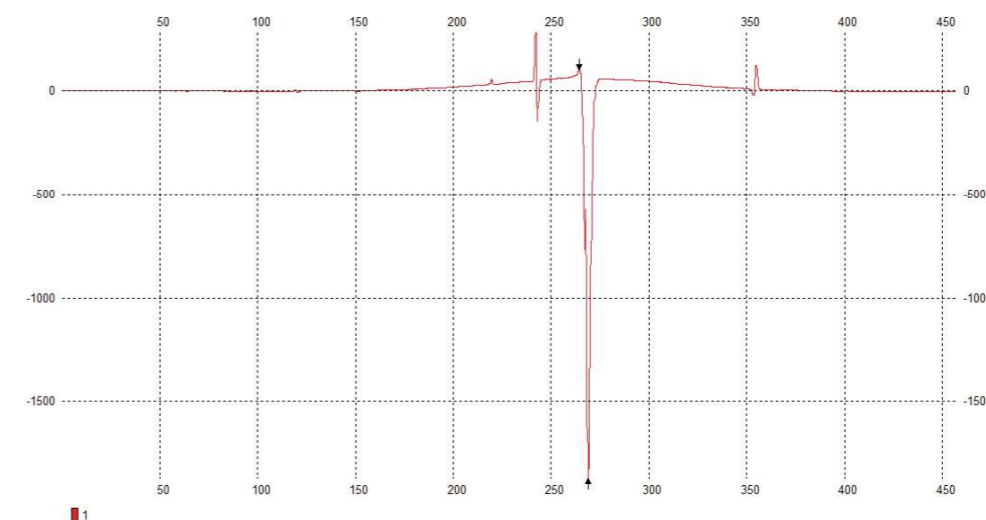
Sidescan sonar image of ferrous debris **7203**, measuring 2.2 x 1.8 x 0.4 m



Magnetic profile of ferrous debris **7203**, measuring 1176 nT



Sidescan sonar image of ferrous debris **7537**, measuring 6.6 x 4.7 x 0.5 m

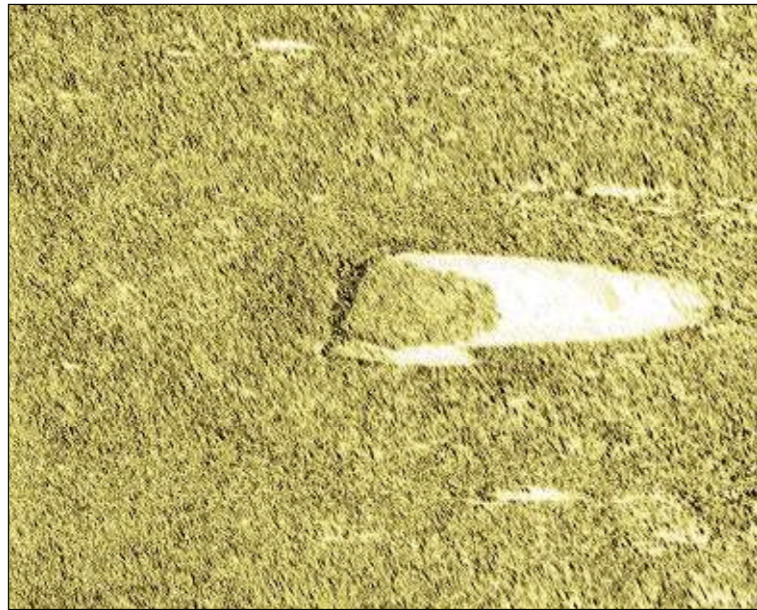


Magnetic profile of ferrous debris **7537**, measuring 25093 nT

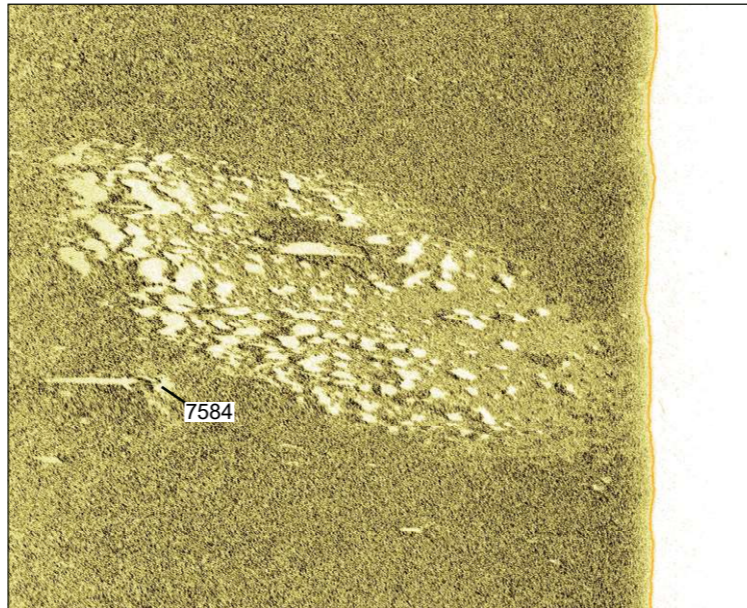


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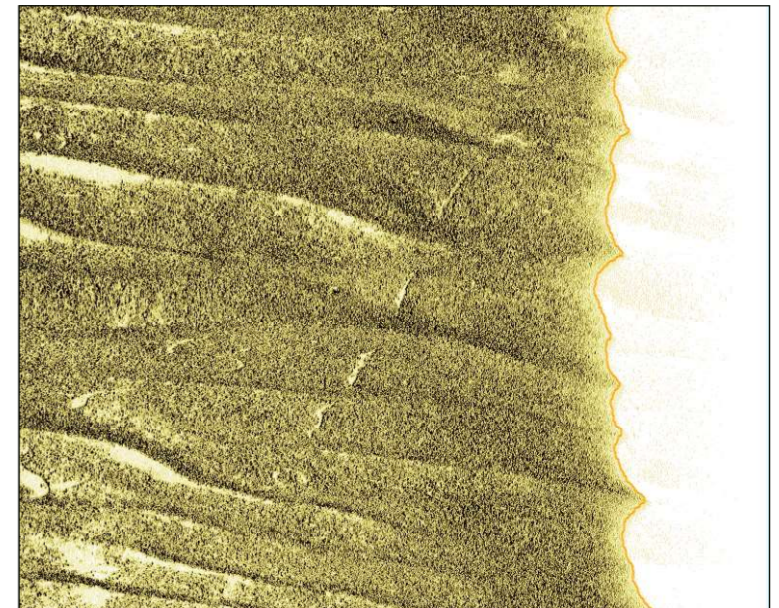
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Sidescan sonar image of debris **7587**, measuring 5.5 x 3.0 x 0.8 m



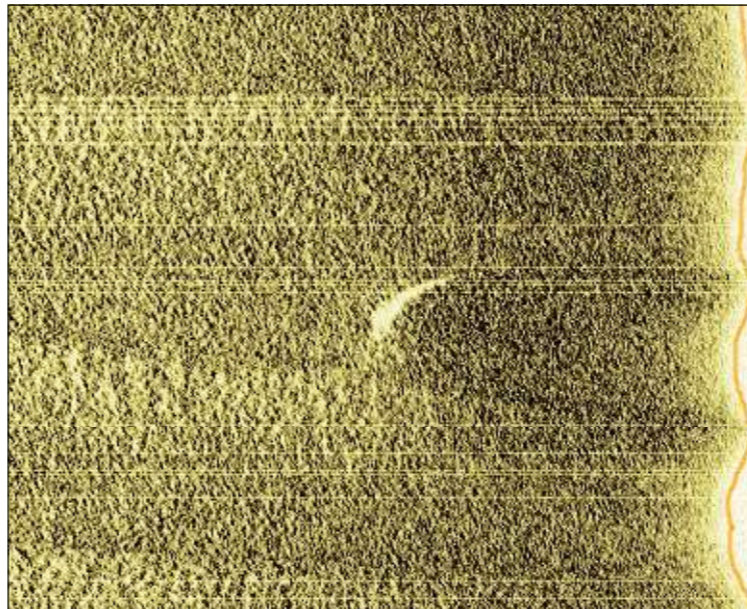
Sidescan sonar image of seabed disturbance **7583**, measuring 27 x 13 x 0.6 m and dark reflector **7584**, measuring 1.5 x 1.0 x 0.5 m



Sidescan sonar image of rope/chain **7445**, measuring 23.1 x 0.2 x 0.1 m



Sidescan sonar image of rope/chain **7578**, measuring 18.6 x 0.4 x 0.1 m



Sidescan sonar image of bright reflector **7237**, measuring 4.0 x 0.9 m

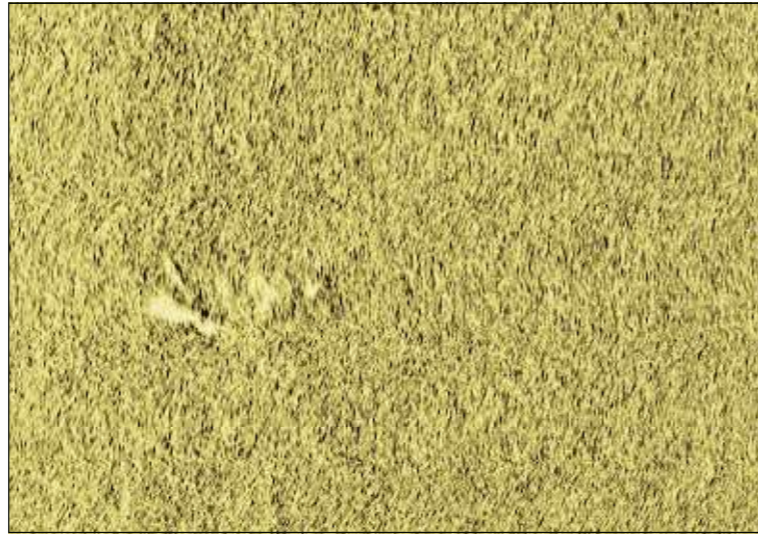


Sidescan sonar image of dark reflector **7582**, measuring 3.2 x 2.5 x 0.7 m

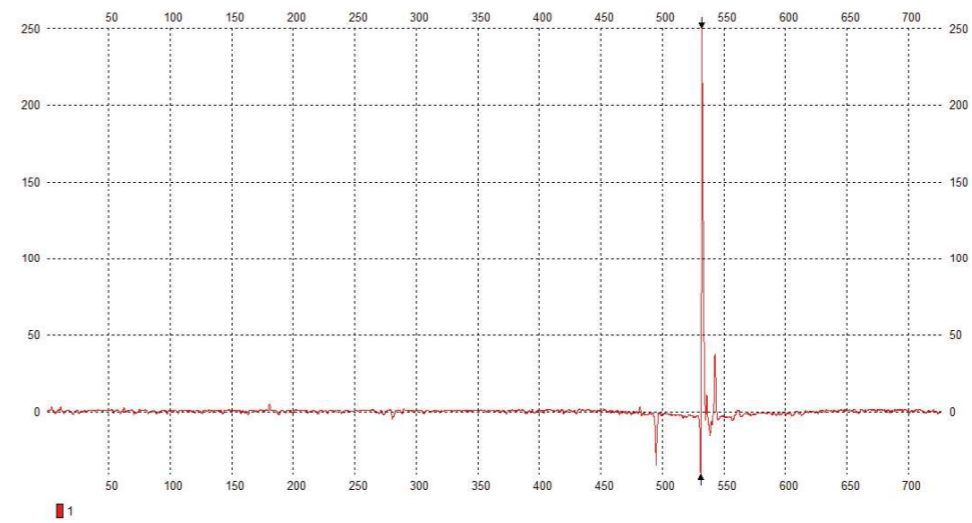


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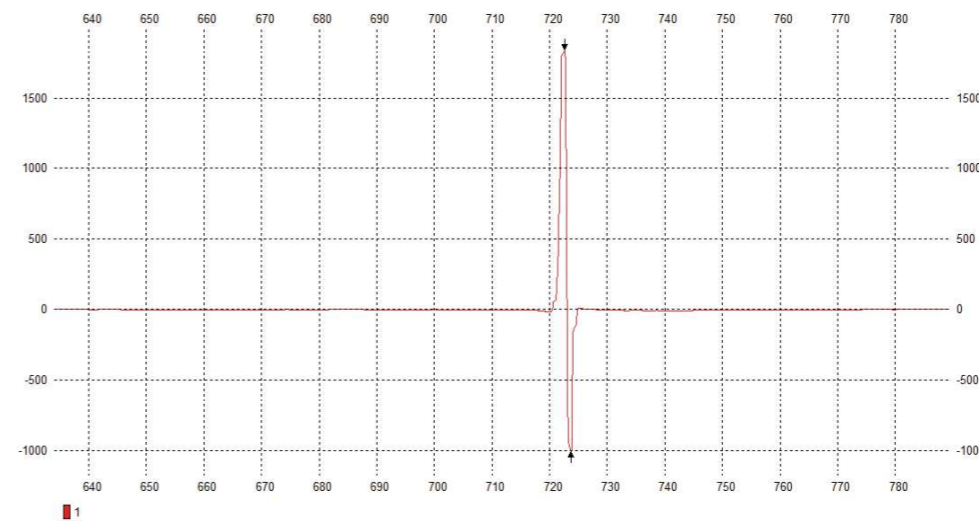
Sidescan sonar image of ferrous debris field **7666**, measuring 3.1 x 3.0 x 0.2 m



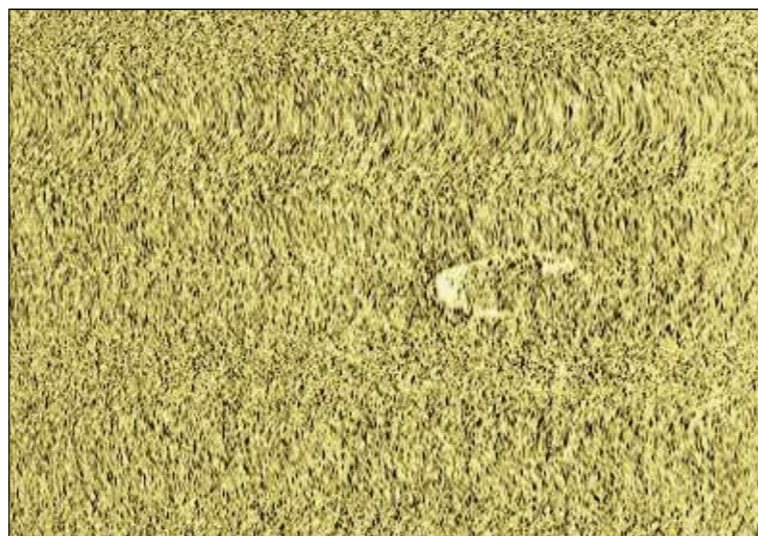
Magnetic profile of ferrous debris field **7666**, measuring 533 nT



Sidescan sonar image of ferrous debris **7737**, measuring 1.5 x 1.0 x 0.5 m



Magnetic profile of ferrous debris **7737**, measuring 2915 nT



Sidescan sonar image of debris **7663**, measuring 3.0 x 2.1 x 0.1 m



Sidescan sonar image of seabed disturbance **7705**, measuring 15.2 x 5.6 x 0.1 m



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