



# East Anglia ONE North Offshore Windfarm

## Appendix 16.2

### East Anglia ONE North Windfarm Geophysics Report

#### Environmental Statement Volume 3

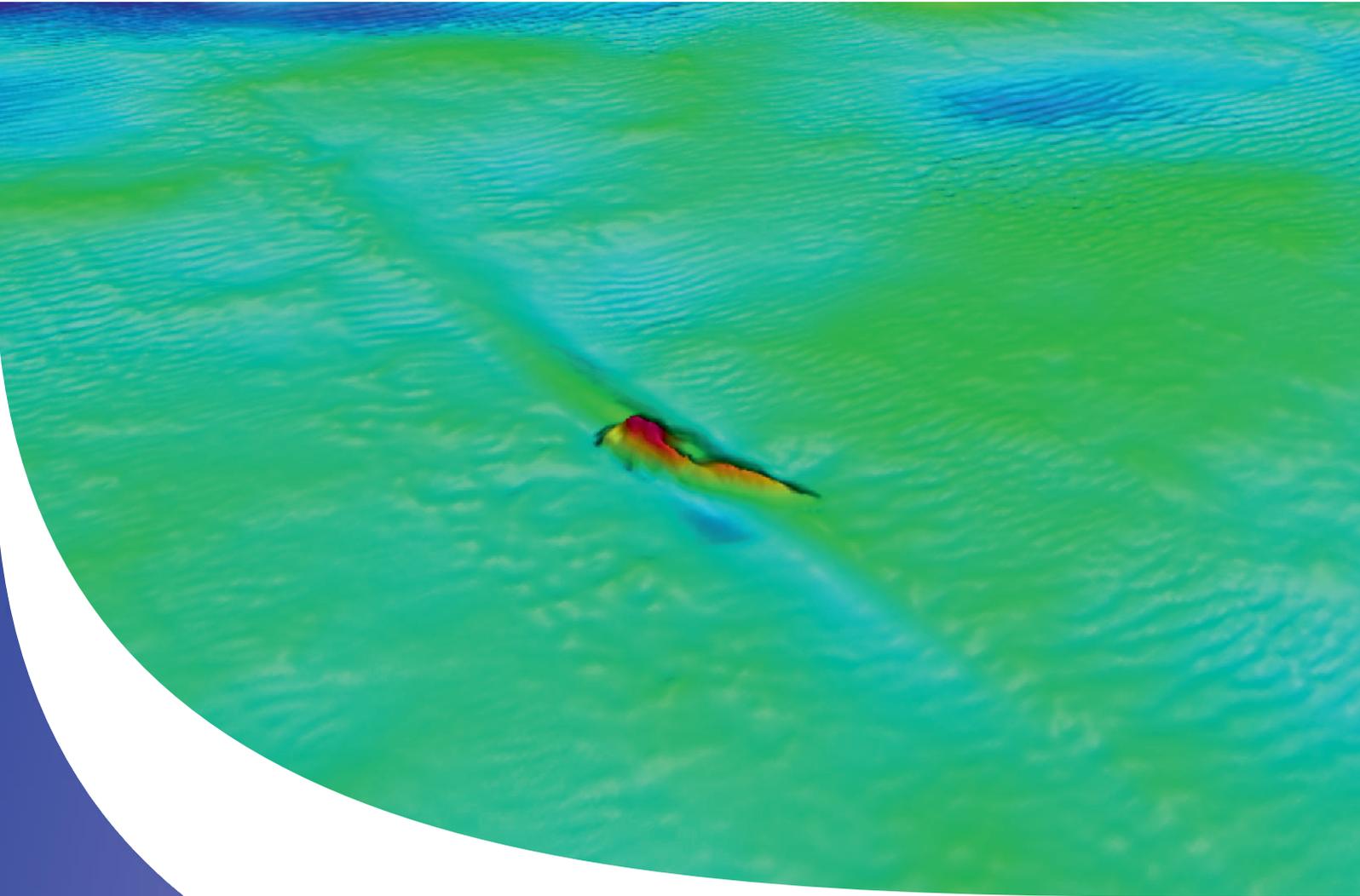
Applicant: East Anglia ONE North Limited  
Document Reference: 6.3.16.2  
SPR Reference: EA1N-DWF-ENV-REP-IBR-000353\_002 Rev 01  
Pursuant to APFP Regulation: 5(2)(a)

Author: Royal HaskoningDHV  
Date: October 2019  
Revision: Version 1



# East Anglia ONE North Offshore Windfarm

Archaeological Assessment of Geophysical Data



Ref: 117810.03  
December 2018



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## Report Information

Document title East Anglia ONE North Offshore Windfarm  
Document subtitle Archaeological assessment of geophysical and geotechnical data  
Document reference 117810.3

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WA project code(s) 74540, 74541, 74542, 74545, 74547, 117810  
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## Quality Assurance

Version & issue date	Status	Author	Approved by
V1 30/11/18	Draft for comment	MM	 DSH
V2 05/12/18	Final	MM	 DSH

## DATA LICENCES

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## Contents

Summary .....	iii
Acknowledgements.....	iv
<b>1 INTRODUCTION .....</b>	<b>1</b>
1.1 Project background.....	1
1.2 Aims and objectives.....	2
1.3 Co-ordinate system.....	2
<b>2 METHODOLOGY .....</b>	<b>2</b>
2.1 Data sources .....	2
2.2 Geophysical and geotechnical data – technical specifications .....	3
2.3 Geophysical data – processing.....	3
2.5 Geophysical data – anomaly grouping and discrimination.....	6
2.6 Geotechnical data – methodology.....	6
<b>3 PALAEOGEOGRAPHIC ASSESSMENT .....</b>	<b>7</b>
3.1 Geological baseline and archaeological potential.....	7
3.2 Palaeogeographic and geotechnical assessment results .....	12
4.1 Introduction.....	17
4.2 Seabed features assessment results .....	17
<b>5 CONCLUSIONS AND RECOMMENDATIONS.....</b>	<b>21</b>
5.1 Palaeogeographic features .....	21
5.2 Seabed features .....	21
<b>6 REFERENCES .....</b>	<b>22</b>
<b>APPENDICES .....</b>	<b>27</b>
Appendix 1 Palaeogeographic features of archaeological potential.....	27
Appendix 2 Seabed features of archaeological potential.....	34



### List of Tables

<b>Table 1</b>	Summary of past reports overlapping with EA2
<b>Table 2</b>	Summary of survey equipment
<b>Table 3</b>	Software used for geophysical assessment
<b>Table 4</b>	Criteria for assigning data quality rating
<b>Table 5</b>	Criteria discriminating relevance of identified features to proposed scheme
<b>Table 6</b>	Stages of geoarchaeological assessment
<b>Table 7</b>	Shallow stratigraphy of the study area
<b>Table 8</b>	Anomalies of archaeological potential within the study area
<b>Table 9</b>	Types of anomaly identified within the study area
<b>Table 10</b>	Recommended AEZs within the study area

### List of Figures

<b>Figure 1</b>	Location of East Anglia ONE North Offshore Windfarm
<b>Figure 2</b>	Sea level curve and chronology of the Southern North Sea landscape
<b>Figure 3</b>	Palaeogeographic features of archaeological potential
<b>Figure 4</b>	Palaeogeographic feature data example – 75613
<b>Figure 5</b>	Palaeogeographic feature data example – 75606
<b>Figure 6a-d</b>	Seabed features of archaeological potential
<b>Figure 7</b>	Data examples of seabed features

### List of Sheets

<b>Sheet 1</b>	ID <b>70609</b> – <i>Edinardu Antoinette</i> (possibly)
<b>Sheet 2</b>	ID <b>77111</b> – Unknown



## Summary

Wessex Archaeology was commissioned by Royal HaskoningDHV, on behalf of ScottishPower Renewables, to undertake an archaeological assessment of geophysical data acquired from the East Anglia ONE North Offshore Windfarm. The assessment data comprised sidescan sonar and multibeam bathymetry data acquired in 2017, and magnetometer and sub-bottom profiler data acquired in 2011.

Wessex Archaeology has previously carried out three assessments of geophysical survey data which overlap with the proposed East Anglia ONE North Offshore Windfarm (Wessex Archaeology 2011, 2012 and 2014). The results of this current assessment have been compared to the results of the previous archaeological assessments.

A total of two anomalies were assigned the discrimination A1 (anthropogenic origin of archaeological interest), within the study area. Both of these anomalies (**70609** and **77111**) were classified as wrecks and were identified during previous phases of geophysical assessment (Wessex Archaeology 2014).

A total of 514 anomalies have been discriminated as A2 (uncertain origin of possible archaeological interest).

Archaeological Exclusion Zones are recommended for the two wreck sites located within the East Anglia ONE North area. 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, that they should be reported using the established Offshore Renewables Protocol for Archaeological Discoveries. This will establish whether the recovered objects are of archaeological interest and recommend appropriate mitigation measures.

The palaeogeographic features identified within the East Anglia ONE North Offshore Windfarm site include 16 palaeochannels, and two high amplitude reflectors. These have all been given a P1 archaeological rating, which is defined as a feature of probable archaeological interest, either because of its palaeogeography or likelihood for producing palaeoenvironmental material. Some of these features have high amplitude basal reflectors, which may be indicative of organic matter. A further 18 palaeogeographic features were identified within the site and given a P2 archaeological discrimination, which are features of possible archaeological interest.

Should further ground investigation work be undertaken within the study area, it is recommended that the archaeological contractor be consulted to advise on potential samples to be acquired for archaeological purposes. It is also recommended that any future geotechnical logs from within the study area be made available for geoarchaeological assessment.



## **Acknowledgements**

Wessex Archaeology was commissioned by Royal HaskoningDHV, on behalf of ScottishPower Renewables. Data were provided by Bibby HydroMap Limited and Gardline Geosurvey Ltd.

Wessex Archaeology is grateful to the staff of all the above organisations for their co-operation during this project, in particular Victoria Cooper and Barbara Hellett of Royal HaskoningDHV.



# East Anglia ONE North Offshore Windfarm

## Archaeological assessment of geophysical and geotechnical data

### 1 INTRODUCTION

#### 1.1 Project background

- 1.1.1 Wessex Archaeology was commissioned by Royal HaskoningDHV, on behalf of ScottishPower Renewables, to undertake an archaeological assessment of geophysical data acquired over the East Anglia ONE North Offshore Windfarm (hereon referred to as EA1N).
- 1.1.2 The survey area covers approximately 209 km<sup>2</sup> and is located within the southern North Sea, approximately 35 km offshore from the town of Lowestoft, Suffolk (Fig.1).
- 1.1.3 Wessex Archaeology has previously undertaken five archaeological assessments of geophysical data over the East Anglia Zone and associated export cable route corridors, three of which overlap in part with the proposed EA1N site.
- 1.1.1 The three previous assessments crossing through, or overlapping with, sections of the current EA1N area were undertaken in the years 2011 (Wessex Archaeology 2011a), using geophysical survey data acquired by Gardline Geosurvey Limited (Gardline); 2012 (Wessex Archaeology 2012), using geophysical survey data acquired by Gardline and EMU Limited. (EMU); and 2014 (Wessex Archaeology 2014), using data acquired by Coastline Surveys.

**Table 1** Summary of past reports overlapping with EA2

Document	Date	Reference	Wessex Archaeology report ref.
East Anglia ONE Offshore Windfarm, Preliminary Environmental Information Report	2011	Wessex Archaeology 2011b	74540
Chapter 17: Archaeology and Cultural Heritage, East Anglia ONE Offshore Windfarm, Environmental Statement, Volume 2: Offshore	2012	Wessex Archaeology 2012	74541
Chapter 17: Archaeology and Cultural Heritage, East Anglia THREE, Preliminary Environmental Information Volume 1 Revision B	2014	Wessex Archaeology 2014	74547
East Anglia ONE NORTH/TWO Offshore Windfarm/ECR; Archaeological Assessment of Geophysical Data	2018	Current phase of assessment	117810

- 1.1.2 Two other assessments were undertaken alongside this review; one for the East Anglia TWO offshore windfarm and another for the East Anglia TWO and ONE North Export Cable Route (ECR) (Wessex Archaeology 2018). These assessments have been presented in a separate report.
- 1.1.3 This report consists of an assessment of geophysical survey data comprising sub-bottom profiler (SBP), sidescan sonar (SSS), magnetometer and multibeam echosounder (MBES)



data sets. All the geophysical data assessed for this report were acquired by Gardline; the SSS and MBES data were acquired in 2017, and the SBP and magnetometer data were acquired in 2010.

- 1.1.4 The study area is defined as the extents of the EA1N boundary (Fig.1) as provided by the client on the 9th May 2017. Any geophysical anomalies identified outside of the defined study area are considered beyond the scope of this report and are not included in the results or gazetteer of anomalies.
- 1.1.5 The EA1N site is split into different areas, depending on the amount of geophysical coverage from previous surveys (Fig.1). The EA1N Optional Area has been covered by several previous geophysical assessments (Wessex Archaeology 2011b; Wessex Archaeology 2012; Wessex Archaeology 2014), whereas the EA1N Primary Area 1 and 2 have only been covered by the 2011 ZEA geophysical assessment (Wessex Archaeology 2011b).
- 1.1.6 New SSS and MBES data were acquired in 2017 over the EA1N Primary Area 1, however no new data was acquired over EA1N Primary Area 2 (Fig.1).

## 1.2 Aims and objectives

- 1.2.1 The aim of this assessment is to identify any anomalies of archaeological potential within EA1N, in order to further inform the planning process ahead of the proposed development scheme. This is to be undertaken through the following objectives:
  - identify any buried palaeolandscape features of possible archaeological potential;
  - correlate the palaeolandscape interpretation with the geotechnical logs in order to identify any deposits of archaeological and palaeoenvironmental potential;
  - 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 UTM31N 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 datasets acquired by Gardline Geosurvey Ltd;
  - Borehole logs acquired by GEMS in 2010 (GEMS 2011);
  - Recorded wreck and obstruction data acquired via the United Kingdom Hydrographic Office (UKHO);



- Relevant background mapping from the area (British Geological Survey (BGS) 1984, admiralty charts received from UKHO);
- Past reports (Wessex Archaeology 2011b; 2012; 2014)
- Client supplied survey reports (Gardline Geosurvey Ltd 2011; 2011b; 2017; 2017b).

## 2.2 Geophysical and geotechnical data – technical specifications

2.2.1 Geophysical data were acquired by Gardline in 2010 and 2017.

2.2.2 The SSS and MBES data were acquired between 12 May and 22 June 2017 onboard the M.V. *Ivero*. The primary survey lines were orientated 003°/183° with a line spacings of 75 m and cross lines run every 1500 m.

2.2.3 The SBP and magnetometer data were acquired between 30 April 2010 and 24 September 2010 onboard the M.V. *Confidante*. The primary survey lines were run at 1000 m and orientated 000°/180° (Gardline 2011). Further details on the equipment used is in Table 2.

**Table 2** Summary of survey equipment

Survey Company	Survey Vessel	Data Type	Equipment	Data Format
Gardline	<i>M.V. Ivero</i> (2017 survey)	MBES	Simrad EM2040D	.xyz
		SSS	Edgetech 4200 (120 / 410 kHz, 75m range)	.xtf
		Positioning	Oceaneering CNav DGNS	N/A
	<i>M.V. Confidante</i> (2010 survey)	SBP	Sub-tow boomer with 8-element and 20-element Benthos AQ-1 hydrophone streamers	.sgy
		Mag.	Geometrics G882	.xls
		Positioning	Fugero Starfix DGPS	N/A

2.2.4 Geotechnical data were acquired by Geotechnical Engineering and Marine Surveys Limited (GEMS) in 2010, onboard the CSV *Normand Tonjer*. A total of two borehole logs were acquired in two locations within the EA1N study area (Fig.3). These have been provided to Wessex Archaeology and reviewed as part of the geoarchaeological assessment.

## 2.3 Geophysical data – processing

2.3.1 A number of datasets were assessed over the study area, each dataset was processed separately using the following software (Table 3).

**Table 3** Software used for geophysical assessment

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

2.3.2 The SBP and MBES data were used as the primary datasets for the palaeographic assessment, and the SSS, MBES and magnetometer datasets were used for the seabed features assessment.



- 2.3.3 The SBP data were processed using CodaOctopus Survey Engine Seismic+ software. This software allows the data to be visualised with user selected filters and gain settings in order to optimise the appearance of the data for interpretation. The software then allows an interpretation to be applied to the data by identifying and selecting sedimentary boundaries and shallow geological features that might be of archaeological interest.
- 2.3.4 The SBP data were interpreted with a two-way travel time (TWTT) along the z-axis. In order to convert from TWTT to depth, the velocity of the seismic waves was estimated to be 1,600 ms<sup>-1</sup>. This is a standard estimate for shallow, unconsolidated sediments.
- 2.3.5 The SBP data can also be used to identify small reflectors, which may indicate buried material such as a wreck site covered by sediment. The position and dimensions of any such objects are noted in a gazetteer, and an image acquired of each anomaly for future reference. It should be noted that anomalies of this type are rare, as the sensors must pass directly over such an object in order to detect an anomaly.
- 2.3.6 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. The MBES data were also used in the palaeogeographic assessment.
- 2.3.7 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.
- 2.3.8 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.
- 2.3.9 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.
- 2.3.10 The magnetometer 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.
- 2.3.11 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.



2.3.12 Magnetic anomalies have been classified as small magnetic anomalies 5 nT to 49 nT; medium sized magnetic anomalies of 50 nT to 99 nT and large magnetic anomalies of greater than 100 nT.

## 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 4).

**Table 4** 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. Subtle reflectors are clear within SBP data. 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. Interpretation of continuous reflectors in SBP data is problematic. These data are not considered to be detrimentally affected to a significant degree.
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. Small palaeogeographic features, or internal structure may not be resolved in SBP data.
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 quality of the SBP data has been rated as 'Variable' using the above criteria. Some lines have been affected slightly by the weather, however they are still considered suitable for archaeological assessment. It should be noted however that, due to the 1000 m line spacing, it is not always possible to trace features over larger distances. It is possible that smaller features, such as cut and fill features, may be present in the areas between the surveyed corridors.

2.4.3 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.

2.4.4 The SSS data have been rated as 'Variable' using the above criteria table. Some lines were affected by sea state, with strong currents affecting the positional accuracy of the lines. However, in general, the data are considered as suitable for archaeological assessment.

2.4.5 The magnetometer data have been rated as 'Good' using the above criteria table. Occasionally spiking was identified on some lines, however the data are considered suitable for archaeological assessment. It should be noted that, due to the 1000 m line spacing, some areas of the EA1N site have not been covered by magnetometer data and, as such, it is possible that there are ferrous features that have not been identified during this phase of assessment.

2.4.6 As mentioned in Section 1.1, no new SSS or MBES data were acquired in EA1N Primary Area 2. This means that the only seabed features identified within this area were identified on the 2010 magnetometer data. As such, it cannot be guaranteed that all seabed features of archaeological potential have been identified within this area.



## 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 5).

**Table 5** Criteria discriminating relevance of identified features to proposed scheme

Overview classification	Discrimination	Criteria	Data type
Archaeological	P1	Feature of probable archaeological interest, either because of its palaeogeography or likelihood for producing palaeoenvironmental material	SBP, MBES
Archaeological	P2	Feature of possible archaeological interest	SBP, MBES
Archaeological	A1	Anthropogenic origin of archaeological interest	MBES, SSS, Mag.
Archaeological	A2	Uncertain origin of possible archaeological interest	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.

## 2.6 Geotechnical data – methodology

- 2.6.1 Alongside the archaeological assessment of the SBP data, a geoarchaeological assessment of provided geotechnical logs was also undertaken of the two borehole locations within the EA1N area. In order to frame geoarchaeological investigations of this nature, Wessex Archaeology has developed a five-stage approach, encompassing different levels of investigation appropriate to the results obtained, accompanied by formal reporting of the results at the level achieved. These stages are as follows:

**Table 6** Stages of geoarchaeological assessment

Stage	Method	Description
1	Assessment	A desk-based archaeological assessment of vibrocore and borehole logs generated by geotechnical contractors aims to establish the likely presence of horizons of archaeological interest and broadly characterise them, as a basis for deciding whether and what Stage 2 archaeological recording is required. The Stage 1 report will state the scale of Stage 2 work proposed.



Stage	Method	Description
2	Geoarchaeological Recording	Archaeological recording of selected retained or new core samples will be undertaken. This will entail the splitting of the cores, with half of each core being cleaned and recorded. The Stage 2 report will state the results of the archaeological recording and will indicate whether any Stage 3 work is warranted.
3	Sampling and Assessment	Dependent upon the results of Stage 2, sub-sampling and palaeoenvironmental assessment (pollen, diatoms and foraminifera) may be required. Subsamples will be taken from one core-half, with the other core-half retained intact for further sub-sampling, should it be required. Assessment will comprise laboratory analysis of the samples to a level sufficient to enable the value of the palaeoenvironmental material surviving within the cores to be identified. Subsamples will also be taken and retained at this stage in case radiocarbon dating is required during Stage 4. The Stage 3 report will set out the results of each laboratory assessment together with an outline of the archaeological implications of the combined results, and will indicate whether any Stage 4 work is warranted.
4	Analysis and Dating	Full analysis of pollen, diatoms and/or foraminifera assessed during Stage 3 will be undertaken. Typically, Stage 4 will be supported by dating (radiocarbon and OSL) of suitable subsamples. Stage 4 will result in an account of the successive environments within the coring area, a model of environmental change over time, and an outline of the archaeological implications of the analysis.
5	Final Report	If required Stage 5 will comprise the production of a final report of the results of the previous phases of work for publication in an appropriate journal. This report will be compiled after the final phase of archaeological work, whichever phase that is.

2.6.2 This assessment comprises Stage 1 of the above described approach and was undertaken alongside the palaeogeographic assessment in order to support the archaeological assessment of the SBP data. Stage 2 and upwards require the analysis and assessment of physical samples, which is dependent upon sample availability and suitability for geoarchaeological assessment.

### 3 PALAEOGEOGRAPHIC ASSESSMENT

#### 3.1 Geological baseline and archaeological potential

3.1.1 The following is an overview of the geological and archaeological history of the wider region from the Pleistocene to the Holocene marine transgression. This is based on a range of secondary sources, including academic papers, geological information (e.g. BGS mapping), and previous work undertaken by Wessex Archaeology from the East Anglia Zone and the wider region. This serves as a baseline for the palaeogeographic assessment, and aids in producing a stratigraphy for the study area and assigning archaeological potential to identified units. The background geology and archaeological potential have previously been reported on in earlier phases of assessment (Wessex Archaeology 2011b; Wessex Archaeology 2012; Wessex Archaeology 2014); however, it has been updated here to include the latest information and findings.

3.1.2 The EA1N site is situated within the southern North Sea Basin. The environment within the study area is currently fully marine, and a shallow marine basin has existed in the approximate location of the North Sea since the Early Tertiary (although the exact location and extent has altered over time), which is reflected in the geology of the region (Cameron *et al.* 1992).

- 3.1.3 The recent geological history of the southern North Sea is directly linked to glacial / interglacial cycles experienced by the area during the Pleistocene (2.5 million – 10 ka), which resulted in large areas of the southern North Sea being periodically exposed as a terrestrial environment. This is represented in the geological record, with distinct terrestrial landscape features being present, interspersed with deposits of marine and glacially derived sediments. Due to this fluctuating glacial cycle, the corresponding rises and falls in eustatic sea level, and major reconfigurations of the landscape during the last million years, the archaeological record is phased between periods of occupation and long periods of hiatus when environmental conditions or high sea levels restricted access to Britain (Fig. 2). These changes in relative sea level are recorded as Marine Isotope Stages (MIS).
- 3.1.4 The background geology of the study area is dominated by Tertiary deposits (Red Crag Formation), overlain by a series of Pleistocene deposits, ranging in age from the Lower Pleistocene (Westkapelle Ground Formation) to the Late Ipswichian / Early Devensian (Brown Bank Formation). These were deposited in a range of environments, from terrestrial to marine, and it is the terrestrial sediments, deposited during periods of low relative sea level, that are of the highest archaeological potential.
- 3.1.5 The southern North Sea off the east coast of East Anglia is known to contain relatively well preserved palaeolandscape features such as fluvial channels, created during periods of sea level lowstand but while the landscape was still free of ice. The remains of this terrestrial landscape are frequently recovered by dredging and fishing in numerous areas around the southern North Sea, generally in the form of the remains of extinct megafauna (e.g. mammoths, bison, horse etc.).
- 3.1.6 The discovery of actual human artefacts, such as hand axes and worked bone, is a rarer occurrence, but artefacts have been recovered. Reported finds from offshore activity have, to date, produced a range of early prehistoric lithic artefacts indicating early prehistoric activity in submerged palaeolandscapes from Lower, Middle, and Upper Palaeolithic periods (Tizzard *et al.* 2014; 2015; Wessex Archaeology 2011; 2013b), with notable collections of more recent Mesolithic artefacts from submerged palaeolandscape contexts (Momber *et al.* 2011; Wessex Archaeology 2013b).

*Pre-Anglian (>478 ka; >MIS 12)*

- 3.1.7 Prior to the Anglian glaciation, an extensive estuarine / deltaic landscape existed at the location of the current North Sea basin. This landscape, the Ur-Frisia delta (Cameron *et al.* 1992), drained many major European rivers, including the Bytham / Ingham palaeo-river (Rose 2009; Westaway 2009), the palaeo-Thames-Medway system, which drained northwards through Essex and East Anglia (Bridgland 1994), as well as the Rhine (Hijma *et al.* 2012).
- 3.1.8 At this time a chalk ridge along the axis of the Weald-Artois high, between southeast England and northern France, separated the North Sea and the English Channel into two distinct basins. Any river systems northeast of the ridge flowed northwards across the North Sea basin to the Ur-Frisia delta, whilst those southwest of the ridge flowed along the English Channel towards the Atlantic.
- 3.1.9 The pre-Anglian period represents a significant amount of the Lower Palaeolithic (c. 970,000 to 300,000 BP, >MIS 9). The earliest direct evidence for hominin activity in the UK has been identified at the Lower Palaeolithic sites of Happisburgh, on the Norfolk coast, and Pakefield, on the Suffolk coast, which date from c. 900,000 and 700,000 BP respectively (Parfitt *et al.* 2005; 2010). These sites would have been situated on the edge of an extensive landscape of low-lying estuaries, major river systems, plains and rolling hills.

It was a rich, diverse and productive landscape like any contemporary example, and should not be considered as a temporary land-bridge or intermittent linkage to continental Europe (Coles 1998).

3.1.10 Whilst the archaeology at Pakefield was created during a more Mediterranean climate, around MIS 17 (Fig. 2), the remains at Happisburgh Site 3 are indicative of colder-than-present conditions at the edge the boreal zone (Candy *et al.* 2011), indicating that earlier hominins were capable of surviving in conditions previously thought to be too harsh for habitation (Parfitt *et al.* 2010).

3.1.11 The importance of these sites is international, as they are currently unique at this latitude for this early date (Wessex Archaeology 2013b). Cohen *et al.* (2012) have highlighted the North Sea basin as a key region for understanding Pleistocene hominins within a northerly, coastal environment. The east of England, particularly East Anglia, but also the southeast of England, are important regions for Lower Palaeolithic archaeology in the last 500,000 years during MIS 13 and 11 (Hoxnian interglacial, Fig. 2) (Wymer 1999; Pettitt and White 2012).

*Anglian to Ipswichian (c. 478 ka – 115 ka; MIS 12 – 5e)*

3.1.12 The Anglian glacial period was the most extensive glaciation of the Pleistocene and saw ice sheets extending further south than at any time in the past 2.5 million years (Fig. 3). The exact southern extent of the Anglian glaciation is currently debated, although a series of enclosed bathymetric deeps identified within MBES data, most notably two large features located between the Shipwash and Inner Gabbard sand banks offshore Felixstowe, Suffolk, have been interpreted as being glacial in origin. This suggests at least a lobe of ice may have extended further south than the established main ice sheet limit (Emu 2009).

3.1.13 The advancing ice sheets gradually pushed the courses of major rivers, including the Thames-Medway system, further south, until they eventually reached their approximate current positions. During this period the study area will have been covered by ice, and the climate around the remaining ice-free areas of the UK would have been too cold for hominin habitation.

3.1.14 During deglaciation and retreat of the ice sheet at the end of the Anglian, it is thought that the emptying of an ice-dammed lake within the North Sea created a volume of water large enough to breach the chalk ridge along the Weald-Artois high. This connected the North Sea to the English Channel, incising the Lobourg Channel off the Kent coast and some of the English Channel palaeovalleys in the process (Gupta *et al.* 2017; Hamblin *et al.* 1992). This initial catastrophic breaching of the Weald-Artois ridge is thought to have been followed by further erosive events leading to the permanent breaching of the English Channel approximately 150 kya (Hijma *et al.* 2012). However, the precise timing and mechanism of breaching is still under debate.

3.1.15 The breaching of Weald-Artois ridge had a major impact on the palaeogeography of Britain, turning Britain from an island at times of high sea level, to a peninsula of Europe when sea levels dropped. In periods associated with lower sea levels since the Anglian, the Lobourg Channel is likely to have formed the main drainage route of the major northern European rivers flowing into the dry North Sea Basin (Cameron *et al.* 1992). During periods of lowered sea levels, these river systems, including the Thames, Medway, Great Stour, and palaeo-Yare, extended across these now submerged landscapes, resulting in cyclical deposition of associated terrace and flood plain deposits laid down in relation to relative sea level (Wessex Archaeology 2010).

- 3.1.16 As the area off East Anglia, including the study area, has only experienced at the most one glacial advance during the Pleistocene, these palaeolandscape features from periods of low relative sea level are more likely to be preserved here rather than further north (approximately north of the north Norfolk coast), where they have been removed during the subsequent Saalian and Devensian glacial advances. Any surviving Pleistocene deposits are likely to have been reworked or redeposited to a certain extent during subsequent marine transgressions (Hamblin *et al.* 1992), but some are likely to survive on the seabed.
- 3.1.17 During the interglacial periods between the Anglian and Devensian glaciations (Hoxnian and Ipswichian), warmer climate conditions meant the UK was again available to be recolonised by hominin communities. The foreshore, cliffs and hinterland at Clacton-on-Sea (Essex) comprise an important Middle Pleistocene site and is a designated geological Site of Special Scientific Interest (SSSI). Channel sediments from the area are also an important site for the Lower Palaeolithic Clactonian flint industry, and have yielded a rare wooden spear alongside lithic artefacts. The site dates from the Hoxnian interglacial period (MIS 11, c. 423,000 - 380,000 BP, Fig. 2) (Sumbler 1996; Bridgland *et al.* 1999), and the type site for the Hoxnian (the Hoxne Brick Pit) is located a relatively short distance inland outside of Diss, Suffolk.
- 3.1.18 Artefactual evidence from Clacton suggests two phases of lithic technology; earlier Clactonian pebble tools in the earlier warming phase of MIS 11 (Fig. 2), and Acheulean-type tools in the later cooling phase of the Hoxnian, suggesting that at the same site two different groups of hominins were producing tools (Pettitt and White 2012).
- 3.1.19 During the Saalian glaciation (MIS 10, Fig. 2) there was a hiatus in hominin activity in Britain (Pettitt and White 2012). When hominins returned, *H. neanderthalensis*, they brought a new lithic technology: the Levallois prepared core technique developing from MIS 9, c. 300,000 BP (Scott and Ashton 2011). They were hunters adapted to a 'mammoth steppe' environment (Ashton and Lewis 2002).
- 3.1.20 The international importance of Early Middle Palaeolithic archaeology in the southern North Sea is highlighted by the numerous sites preserved within the Thames river terraces (White *et al.* 2006; Scott *et al.* 2011) and, in particular, by the submerged prehistoric Levallois lithic assemblage from marine aggregates licence Area 240 in the palaeo-Yare catchment. Over 120 artefacts have now been recovered from this locale, some of which are identifiable as Levallois, with many recovered from *in situ* or near *in situ* contexts (Tizzard *et al.* 2014; 2015; Wessex Archaeology 2013b; 2013c).
- 3.1.21 The substantial, mixed assemblage of handaxes also recovered from Area 240 may be of older Lower Palaeolithic origin (e.g. >MIS 9, Fig. 2), or may date to the Later Middle Palaeolithic when technologically similar artefacts were made (c. MIS 3, Fig. 2) (Boismier *et al.* 2012). However, based on palaeoenvironmental and sedimentological evidence an Early Middle Palaeolithic date is most likely (Tizzard *et al.* 2015).
- 3.1.22 Palaeogeographically, Area 240 is one of the most northerly Neanderthal sites in northwest Europe and of primary archaeological importance for defining Middle Palaeolithic potential and the contemporary palaeogeography across the southern North Sea basin (Tizzard *et al.* 2014). The site highlights the archaeological potential of preserved Pleistocene fluvial deposits within the southern North Sea.

*Devensian to Late Glacial Maximum (c. 115 ka – 18 ka; MIS 5d – 2)*

- 3.1.23 Deterioration of the climate during the Late Pleistocene resulted in the most recent glaciation of the North Sea during the Devensian period. Currently there is no definitive evidence of a hominin presence in Britain during MIS 5 (Lewis *et al.* 2011).
- 3.1.24 Within the context of early prehistory and submerged palaeogeography, however, substantial areas of the southern North Sea basin would have been dry land during the warming and cooling limbs of the various sub-stages (MIS 5a to 5e, Fig. 2). Recent analysis has suggested that eight relatively brief phases of human activity within the UK are represented by the existing Upper Palaeolithic archaeological record (Jacobi and Higham 2011), with six occurring before the Devensian glacial maximum. Therefore, the potential exists for human activity to have occurred in Doggerland, the area of exposed terrestrial environment within the southern North Sea basin, during and after the Devensian glaciation.
- 3.1.25 Again, East Anglia provides early evidence for Neanderthal recolonisation of Britain after the hiatus between MIS 6 to 4, around 60,000 BP (Fig. 2). The Lynford Quarry material highlights a new lithic technology visually similar to Lower Palaeolithic Acheulean lithics, so-called Mousterian of Acheulean Tradition handaxes and tools (Boismier *et al.* 2012).
- 3.1.26 Climatically, MIS 3 was significantly colder than now but did not attain the glacial conditions of later or earlier glacial periods (e.g. MIS 6 or 2, Fig. 2) (Pettitt and White 2012). For the Neanderthals that may have occupied the region at this time, surviving in Doggerland during this period may have been subject to a variety of technological and cultural adaptations (White 2006).

*Post-Late Glacial Maximum and early Holocene (18,000 – 6000 BP; MIS 2 – 1)*

- 3.1.27 Following the Devensian glacial maximum, ice sheet retreat once again left significant areas of the southern North Sea exposed as a terrestrial environment, with deposition of fluvially derived sediments continuing from the Late Pleistocene into the Early Holocene.
- 3.1.28 In the Early Upper Palaeolithic, at the end of the Late Pleistocene, there was a transition period for hominins. Neanderthals died out around 40,000 BP, and modern humans then colonised Doggerland, arriving in Britain around 34,000 BP (Jacobi and Higham 2011; Bicket and Tizzard 2015). Archaeological evidence for this period is relatively sparse, but submerged palaeolandscapes provide key contextual evidence for recovered artefacts and provides a background landscape within which to place these human communities.
- 3.1.29 During the Last Glacial Maximum, the environment within the southern North Sea was relatively poor for human colonisation and was situated at the north-western extents of possible habitation. However, there was increasing human exploitation after 15,000 BP. Humans at this time were hunting game, such as mammoth and deer, and evidence of these animals has been reported through marine aggregate dredging, and the associated reporting requirements (Bicket and Tizzard 2015).
- 3.1.30 The onshore archaeological record of Upper Palaeolithic activity is relatively sparse, and offshore locations may provide unique and important context for coastal and lowland human activity during this period (Wessex Archaeology 2013c). For example, a Maglemosian harpoon artefact from trawled peat in the early 20th century was subsequently radiocarbon dated to around 12,000 years ago (Housely 1991), and archaeological and palaeoenvironmental material has been reported from North Sea contexts for over a century (Reid 1913; Godwin and Godwin 1933).

- 3.1.31 The Mesolithic period began in the early Holocene. Around 10,000 BP, sea levels were still more than 60 m below current levels, and during this period, an extremely large area of the southern North Sea and English Channel was dry land, suitable for human occupation. Evidence of this environment has been identified from the foreshore at Jaywick, Essex, where layers of peat dating from the Early Holocene are present along with a preserved land surface from which Mesolithic artefacts have been recovered (Wilkinson and Murphy 1995).
- 3.1.32 Considerable attention has been paid to Mesolithic Doggerland in the last decade (Gaffney *et al.* 2007; Tappin *et al.* 2011) and the geoarchaeology (Boomer *et al.* 2007), submerged forests (Hazell 2008), and palaeo-river systems around the current North Sea coast (Wessex Archaeology 2013b; Limpenny *et al.* 2011; EMU 2009). Increasingly, a maritime perspective has developed for understanding the early prehistoric archaeological record, where coasts, estuaries and wetlands are key landscape elements (Ransley *et al.* 2013).
- 3.1.33 It is clear from numerous research and development-led investigations that postglacial marine transgression has not destroyed Pleistocene and Holocene palaeogeography by default (Wessex Archaeology 2013c). Areas of preserved palaeogeographic features do remain, and detailed reconstructions of palaeoenvironments and palaeogeography can be achieved for large parts of the North Sea basin (Tappin *et al.*, 2011; Limpenny, 2011; Dix and Sturt, 2011). By the early Holocene, Mesolithic hunter-fisher-gatherers in Doggerland were active in a familiar ecosystem of mixed deciduous woodland with oak, elm, alder and lime populated by deer and a wide variety of other mammals (Tappin *et al.* 2011).
- 3.1.34 However, between 7,000 and 5,000 BP, much of the land was inundated by eustatically driven sea level change (Bicket and Tizzard 2015), and by 6,000 BP sea level was only approximately 7 m below the present level (Cameron *et al.* 1992). Around this time, Britain became an island again (Coles 1998). Settlements at the time were often transitory and seasonal, and therefore leave little trace in the archaeological record. However, new types of stone tools were introduced during this period. It is possible that the now submerged environment of which the study area was a part was occupied up until the final marine transgression between 7,000 and 5,000 BP.
- 3.1.35 The marine transgression resulted in the deposition of sands, gravels and muds, which represent the modern marine sediment but can also incorporate reworked sediment from the underlying Pleistocene deposits. Holocene seabed features of note within the wider area are the sand banks known as the Great Yarmouth Banks, located off the Norfolk coast to the north of the study area. These are a system of ridges of reworked outwash sediments from the last glaciation, formed and maintained by tidal meander channels. These mostly overlie the pre-glacial Pleistocene sediments.
- 3.1.36 Post the Holocene marine transgression, the archaeological potential of the southern North Sea, including the study area, shifts to the maritime history of the UK which is presented in Appendix 2 and summarised in Section 4.

## 3.2 Palaeogeographic and geotechnical assessment results

- 3.2.1 A number of palaeogeographic features of archaeological potential have been identified within the study area. These features are discussed below, individually described in gazetteer format in Appendix 1, and their distribution is illustrated in Figure 3.
- 3.2.2 The identified geology within the study area has been divided into 8 phases, as described below:



**Table 7** Shallow stratigraphy of the study area

Unit	Unit Name	Geophysical Characteristics <sup>(1)</sup>	Sediment Type <sup>(2)</sup>	Archaeological Potential
8	Holocene Seabed Sediments (post-transgression) (Marine Isotope Stage (MIS) 1)	Generally observed as a veneer or thickening into large sand wave and bank features. Boundary between surficial sediments and underlying units not always discernible.	Gravelly sand with shell fragments, sand waves and ripples indicate sediment is mobile.	Considered of low potential in itself, but possibly contains re-worked artefacts and can cover wreck sites and other cultural heritage.
7	Holocene Sediments (Pre-transgression) (MIS 2 to 1)	Small shallow infilled channels with either seismically transparent fill, or fill characterised by sub-parallel internal reflectors. Can contain high amplitude reflectors or areas of acoustic blanking which may indicate organic matter such as peat	Fluvial, estuarine and terrestrial.	Potential to contain <i>in situ</i> and derived archaeological material, and palaeoenvironmental material.
6	Brown Bank Formation (Late Ipswichian to Lower Devensian) (MIS 5d to 3)	Observed largely as a deposit infilling hollows or channels; however on occasion seen as broad blanket deposit. Fill is generally either acoustically transparent or characterised by sub-horizontal layered reflectors.	Clayey silty sand deposited in an intertidal / lagoon environment.	<i>In situ</i> Lower Palaeolithic artefacts may be protected. Middle Palaeolithic <i>in situ</i> and derived artefacts may be associated dependent on the age of the fill. Palaeoenvironmental information. Basal contact may cover old land surfaces.
5	Lower Brown Bank (Lower Devensian) (MIS 5e to 5d)	Observed at the base of the BNB formation. Characterised by low relief basal and either an acoustically transparent or well-layered fill.	Silty sand and sandy silt, possible fluvial, intertidal or shallow marine deposits.	<i>In situ</i> Lower Palaeolithic artefacts may be protected. Middle Palaeolithic <i>in situ</i> and derived artefacts may be associated particularly with channel edges dependent on the age of the fill. Palaeoenvironmental information.



Unit	Unit Name	Geophysical Characteristics <sup>(1)</sup>	Sediment Type <sup>(2)</sup>	Archaeological Potential
4	Yarmouth Roads Formation (Lower to Middle Pleistocene) (MIS 62 to 13)	Thick unit characterised by layered sub-parallel internal reflectors. Top of unit generally a well-defined regional erosion surface.	Silty sand with occasional layers of clay. Generally becoming silty, lagoonal clay with depth. Sediments deposited as part of delta complex.	Possibility of <i>in situ</i> finds in later part of formation if not eroded. Contemporaneous with terrestrial Cromer Forest Bed Formation (Pakefield and Happisburgh). Has been found to contain plant debris, wood and peat in some areas of possible palaeoenvironmental importance. Potential greatest where associated with river valleys.
3	Smith's Knoll Formation (Lower Pleistocene) (MIS 65 to 63)	Acoustically unstructured unit with some faint subparallel reflectors.	Fine grained, glauconitic marine sand with some silty clay.	Pre-Earliest occupation of the UK
2	Westkapelle Ground Formation (Lower Pleistocene) (MIS 103 to 63)	Acoustically unstructured unit with a generally faint basal reflector.	Deltaic silty clays and sands.	Pre-Earliest occupation of the UK
1	Red Crag Formation (Late Pliocene)	Acoustically unstructured unit with some parallel internal reflectors.	Glauconitic marine sands	Pre-Earliest occupation of the UK
<sup>(1)</sup> Based on geophysical data				
<sup>(2)</sup> Based on borehole data and Cameron <i>et al.</i> , (1992)				

- 3.2.3 The above stratigraphy is a combination of the all the interpreted shallow geological units from across the three study areas (East Anglia ONE North, East Anglia TWO and the East Anglia ONE North and East Anglia TWO Offshore Windfarm Export Cable Route). The entire stratigraphy was not identified in any one single study area; as such, the exact number of units present will differ depending on the area.
- 3.2.4 The lower (oldest) identified unit (Unit 1) is expected to be present, either directly below the seabed (BSB) or beneath a unit of modern marine sediments, throughout the western edge of the EA1N site. This unit is thought to comprise glauconitic marine sands and pre-dates the earliest occupation of the UK. As such, is unlikely to contain any archaeological artefacts or palaeoenvironmental material archaeological interest.
- 3.2.5 Towards the east of the site, a blanket deposit of Yarmouth Roads formation (Unit 4) is present directly below seabed (BSB) or beneath a veneer of modern marine sediments, overlaying Unit 1. Unit 4 is seen on the SBP data as a blanket deposit, and is characterised by numerous faint, subparallel reflectors. This unit is documented to comprise silty sands



and clays with occasional gravel, and is interpreted as a delta top deposit with fluvial, estuarine and shallow marine components. It is extensive throughout the southern North Sea (Cameron *et al.*, 1992).

- 3.2.6 The upper layers of Yarmouth Roads are contemporaneous with the Cromer Forest Beds of North Norfolk and the Palaeolithic sites at Pakefield and Happisburgh. This indicates that the upper layers of Yarmouth Roads formation, which have been known to contain wood and peat remains, are of potential archaeological and palaeoenvironmental interest. However, due to the erosion caused by the subsequent Anglian glaciation, it is possible that few of these layers survive offshore.
- 3.2.7 Borehole EA10-1-013 is located within an area of Yarmouth Roads formation (Fig.3), just south of an area of Brown Bank formation deposit (Unit 6). The borehole log provided by the client at this location shows a layer of yellowish brown coarse sand between 0.0 – 0.8 m, interpreted as being modern marine sediments (Unit 8). Below this, dense to very dense sand with partings of silt is present to 8.35 m, which may represent either Unit 6, or a different stage of Unit 4, with dense to very dense silty sand with occasional pockets and seams of silt and clay to the end of the borehole at 40.35 m. This is likely to represent the delta / beach deposits of the Yarmouth Roads formation (Unit 4).
- 3.2.8 A broad, complex deposit, interpreted as the Brown Bank formation (Unit 6), is seen across the centre of the site, overlying both Unit 1 and Unit 4. The feature is seen on the SBP data as having a distinct, occasionally undulating basal reflector and either unstructured fill or fill characterised by numerous, faint, subparallel internal reflectors, possibly indicating some well-layered fill.
- 3.2.9 At the base of Unit 6, several channel features are identified (**75604, 75606, 75612-3, 75615** and **75617-8**). These features are generally orientated in a north to south direction and are seen on SBP data as having a relatively distinct, occasionally undulating basal reflector. It is possible that these represent an earlier channel system, infilled with lower Brown Bank formation sediments (Unit 5), or that they represent an earlier phase of the Brown Bank formation. Due to similarities in positioning and form of these features, it is possible that these features are a related to the same remnant channel system.
- 3.2.10 Two of these Unit 5 channels have been identified as complex channels due to the fact they are seen to have multiple phases of fill (**75603** and **75613**). On the SBP data, these features are seen as having both acoustically unstructured and some well-layered fill, possibly indicating different phases of deposition.
- 3.2.11 Two simple cut and fill features are also identified below Unit 6 (**75602** and **75610**). On the SBP data, both of these features are seen as having a single phase of acoustically unstructured fill (Unit 5). It is possible that these features are part of the same remnant of eroded palaeochannel systems but, as their nature is less certain, they are considered of lower archaeological potential.
- 3.2.12 The BNB Formation is generally interpreted as a lagoon deposit (Cameron *et al.* 1992). However, the number of internal reflectors suggests it may have a much more complex history, including changes of sediment input and potential periods of drying out / exposure. As such, the archaeological potential of the unit is variable; the blanket deposit (Unit 6) is considered to be of relatively low potential (hence the feature has been mapped but no ID number has been applied to the blanket deposit), although it does have the potential to contain palaeoenvironmental material. Where there are Brown Bank formation channel features (Unit 5), the potential is considered higher as these may indicate a former terrestrial



landscape, and the areas immediately around the channel edges could have formed the focus for past human activity. The archaeological potential of the BNB Formation in these areas is interpreted to be relatively high, with the possibility of derived artefacts, and some *in situ* Lower and middle Palaeolithic artefacts.

- 3.2.13 Borehole EA10-1-009 is located at the southern edge of a Brown Bank formation deposit (Fig.3). The borehole log provided by the client at this location shows a thin layer of yellowish brown coarse sand between 0.0 – 0.3 m, interpreted as being modern marine sediments (Unit 8). Below this is very dense slightly silty sand with pockets of clay to 7.5 m, which possibly represents the BNB formation (Unit 6). Below this, very dense greenish sand with occasional shell and gravel fragments, becoming silty with depth, is seen to the end of the borehole at 40.7 m. This is likely to represent the delta / beach deposits of the Yarmouth Roads formation (Unit 4).
- 3.2.14 Several other channels are identified across the EA1N site (**74494-5, 75597-8, 75614, 75161, 75608** and **780053**), either identified directly BSB, or beneath a veneer of Unit 8. These are likely to have been formed during the periods of low sea level, when the area would have been exposed as a terrestrial landscape.
- 3.2.15 Three channels were reported as having high amplitude internal or basal reflectors in the 2014 data assessment (**75597-8** and **75608**). It is possible that this is indicative of an organic rich layer at the base of or within the features, which suggests that these features may be more likely to contain material of palaeoenvironmental interest.
- 3.2.16 Three channel features (**75594, 780053** and **75614**) are thought to be infilled with Devensian BNB formation deposits (Unit 6). A further three channel features are identified stratigraphically above and cutting into the interpreted BNB formation (**75597-8** and **75608**), suggesting that they are post-Devensian in age. The three remaining channel features (**75595, 75613** and **75616**) are seen cutting into either Unit 1 or Unit 4. The age of these features is unknown; however, they might be Lower Devensian (Unit 5) or Pre-transgression features (Unit 7).
- 3.2.17 As with the BNB channels, these features represent former terrestrial landscapes and, as such, the sediments associated with these features are deemed to be of high archaeological potential. This is due to the fact they could contain *in situ* or derived anthropogenic artefacts and preserved palaeoenvironmental material.
- 3.2.18 Fifteen features are reported as being simple cut and fills (**75329-30, 75336-7, 75596, 75600-1, 75605, 75619, 75632, 75634, 75637, 780050, 780052** and **780054**) and are identified either directly BSB, or beneath a veneer of Unit 6. These simple cut and fills are thought to likely be of similar ages as the channels described above. However, as they could not be traced any distance as coherent palaeochannels, they are interpreted as simple cut and fill features. It is possible that they are the remnants of eroded palaeochannel systems but, as their nature is less certain, they are considered of lower archaeological potential.
- 3.2.19 One infilled depression was identified during the 2012 data assessment, however was not identified during this phase of assessment. Differences in interpretation are likely due to differences in survey line spacing and orientation. The feature is reported as having 3.2 m of fill, characterised by strong horizontal reflectors, overlain by a veneer of seabed sediments (Unit 8).

- 3.2.20 Two high amplitude reflectors (**75599** and **75631**) were identified during the 2014 data assessment (Wessex Archaeology 2014), however were not covered by the SBP data looked at for this assessment. As high amplitude reflectors are often indicative of sediments containing a high percentage of organic material such as peat, which may in turn be an indicator of former terrestrial land surface, these features are deemed of high archaeological and palaeoenvironmental potential.
- 3.2.21 Unit 8 is a modern marine sediment deposited since the Holocene marine transgression. The unit is described by BGS as gravelly sands (BGS 1984) and is likely present as a thin veneer across much of the site, although this is not always clearly visible on the SBP data. In areas across the site, Unit 8 thickens into sand waves.
- 3.2.22 Due to its age and depositional environment, Unit 8 is not considered of archaeological potential in itself. However, in areas of mobile sediment, Unit 8 has the potential to periodically bury seabed archaeological sites such as shipwrecks and associated debris.

## 4 SEABED FEATURES ASSESSMENT

### 4.1 Introduction

- 4.1.1 The geophysical data were assessed to identify features of archaeological potential relating to maritime and aviation activity.
- 4.1.2 Seabed features identified during previous phases of interpretation (Wessex Archaeology 2011b; 2012; 2014) have been re-assessed and updated if seen in the latest dataset. Features that were in previous assessments, but not during this phase of interpretation, 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.

### 4.2 Seabed features assessment results

- 4.2.1 The results of this assessment are collated in gazetteer format detailed in Appendix 2 and illustrated in Figures 6a-d.
- 4.2.2 A total of 516 features have been identified as being of possible archaeological potential within the study area and are discriminated as shown in Table 8.

**Table 8** Anomalies of archaeological potential within the study area

Archaeological discrimination	Quantity	Interpretation
A1	2	Anthropogenic origin of archaeological interest
A2	514	Uncertain origin of possible archaeological interest
<b>Total</b>	<b>516</b>	

- 4.2.3 Furthermore, these anomalies can be classified by probable type, which can further aid in assigning archaeological potential and importance (Table 9).

**Table 9** Types of anomaly identified within the study area

Anomaly classification	Definition	Number of anomalies
Wreck	Areas of coherent structure including wrecks of ships, submarines and some aircraft (where coherent structure survives)	2



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	14
Debris	Distinct objects on the seabed, generally exhibiting height or with evidence of structure, that are potentially anthropogenic in origin	74
Seabed disturbance	An area of disturbance without individual, distinct objects. Potentially indicates wreck debris or other anthropogenic features buried just below the seabed.	9
Rope/chain	Curvilinear dark reflectors, often with a small amount of height, indicating rope or chain (if ferrous)	6
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	164
Magnetic	No associated seabed surface expression, and have the potential to represent possible buried ferrous debris or buried wreck sites	242
<b>Total</b>		<b>516</b>

- 4.2.4 Within the EA1N, a total of two anomalies have been assigned A1 archaeological discrimination (**70609** and **77111**), which are defined as features of anthropogenic origin of archaeological interest.
- 4.2.5 Feature **70609** is classified as a wreck (Wreck Sheet 1), and was reported on during the previous phases of assessment (Wessex Archaeology 2012; 2014). The wreck is not located in an area covered by newly acquired geophysical data; however, in 2014 the wreck was reported as being **a distinct and large preserved wreck which is thought to be that of *Edinardu Antoinette* (UKHO 10979), a Belgian vessel which sank 15 June 1926 after a collision with the British vessel, *SS Matching*. In the SSS data, the wreck is reported as having a distinct dark reflector, thought to represent one edge of the hull, and a series of linear dark reflectors of varying thickness and height which may suggest some remaining internal structure. In the 2011 data assessment, the wreck is reported as having a very large associated magnetic anomaly, indicating the presence of ferrous material.**
- 4.2.6 The wreck is seen to have some associated debris, the largest of which is a distinct linear dark reflector (measuring 5.3 x 0.3 x 0.2 m) with a bright shadow. Another, smaller linear item of debris is seen as a discrete, thin, dark reflector measuring 1.3 x 0.5 x 0.2 m. There is another, likely associated irregular shaped item of debris (**71101**) measuring 1.7 x 0.6 x 0.3 m located 22 m south-east of the wreck.
- 4.2.7 The second A1 anomaly (**77111**) has also been classified as a wreck (Wreck Sheet 2) and was reported during previous phases of assessment (Wessex Archaeology 2012; 2014). Again, this wreck is not located within an area covered by newly acquired geophysical data and, as such, its interpretation has not been altered. However, in the 2014 data assessment, the feature is reported as being a collection of debris, interpreted as being the remains of an unknown wreck. The wreck was seen in the SSS as two large, distinct dark reflectors amongst the bedforms, approximately 20 m apart. The larger anomaly, to the north-west, is a rectangular dark reflector, showing potential structure and measuring 4.8 x 1.1 x 2.3 m. Some dispersed small, angular items, which may represent cargo, ballast or debris, is seen to extend approximately 13 m to the south-west. The second anomaly is reported as having a distinct, angular shadow, which may represent an upright and partly hollow, or complex



structure, measuring 1.4 x 1.1 x 1.5 m. The feature is reported as having a medium magnetic anomaly of 71 nT, indicating the presence of some ferrous material.

- 4.2.8 A total of 514 anomalies have been assigned an A2 discrimination, which is defined as features of uncertain origin, but of possible archaeological interest; see Appendix 2 for full list of anomalies.
- 4.2.9 Of these A2 anomalies, 14 have been identified as debris fields. These are defined as discrete areas containing numerous individual debris items that are potentially anthropogenic. This can include dispersed wreck sites for which no coherent structure remains. Of these debris fields, six were identified during the latest phase of data assessment (**701012**, **701019**, **701024**, **701047**, **701048** and **701051**) and eight were identified during previous phases (**70349**, **71287**, **71330**, **77056**, **77067**, **77075**, **77077** and **77086**).
- 4.2.10 The largest of these newly identified debris fields is **701019**, which was identified on the SSS data as a large area of disturbed seabed, measuring 35.9 x 25.7 m, containing several linear dark reflectors with heights of up to 0.8 m. The feature is also seen to contain some irregularly shaped bright reflectors, which may represent materials that absorb acoustic energy, such as waterlogged wood or synthetic materials.
- 4.2.11 Only one debris field has an associated magnetic anomaly (**77056**), which is a large debris field measuring 82.8 x 1.1 x 0.4 m with an associated magnetic anomaly of 111 nT. This feature was identified in the 2014 data assessment (Wessex Archaeology 2014). The remaining 13 debris fields appear to have no associated magnetic anomaly. However, in the case of the six debris fields identified during this phase of assessment, due to the magnetometer line spacing it is not possible to discern whether this is due to their distance from the magnetometer survey lines or the composition of the debris material. As such, the possibility remains for some of the other debris fields to also contain ferrous material.
- 4.2.12 A further 74 of the A2 anomalies have been classified as items of debris (for full list see Appendix II), which are defined as objects visible on the seabed, generally exhibiting height or with evidence of structure, that are considered potentially anthropogenic in origin based on their form or associated magnetic anomaly.
- 4.2.13 Of these debris items, 17 were identified during this latest phase of assessment (**70262**, **70263**, **701009-11**, **701016-7**, **701020**, **701028**, **701039-43**, **701055**, **701060-1** and **701063**). None of these features appear to have an associated magnetic anomaly; however, as with the debris fields, it is possible that this is due to the magnetometer line spacing rather than the material of the features.
- 4.2.14 Two items of debris are thought to be associated with the UKHO record for a Fisherman's Fastener (UKHO 11201). Debris item **701016** is a small dark reflector (measuring 1.6 x 0.8 x 0.3 m) with possible associated rope or chain extending 15 m to the north, and is located 31 m south of the UKHO position. A second debris item is seen on the sonar data as a small, slightly angular dark reflector measuring 2.2 x 0.6 x 0.3 m, located 78 m south-west of the UKHO position. In the record, it is reported that in 1989, the French vessel *Discovery* had to cut and abandon its fishing gear in order to free itself from the fastener. As such, it is possible that these debris items are in fact sections of modern fishing gear related to this incident. However, as that cannot be confirmed without further investigation, they have been retained as items of potential archaeological interest. A linear dark reflector, measuring 28.6 x 0.4 x 0.3 m and interpreted as a length of rope or chain (**701018**), is located 122 m north-east of the UKHO position and is also thought to be associated.



- 4.2.15 Nine features have been classified as seabed disturbances (**74049, 71320, 71460, 71415, 71433, 71719, 77104, 70259** and **701044**). These are defined as an area of disturbance without individual, distinct objects, which may indicate wreck debris or other anthropogenic features buried just below the seabed.
- 4.2.16 Of these seabed features, only one was identified during this phase of assessment (**701044**), which is a large linear area (measuring 11.3 x 3.9 m) of dark reflector with varying heights of up to 1 m. It is possible that this represents a natural formation however, as it looks anomalous to the surrounding seabed, the feature has been retained as a feature of potential archaeological interest.
- 4.2.17 Six anomalies have been classified as rope/chain (**77033, 77039, 77049, 701018, 701062** and **701064**). These are defined as curvilinear dark reflectors, often with a small amount of height, indicating a rope or chain (if ferrous). The longest of these is anomaly **701064**, which is seen on the SSS data as a long, slightly curvilinear dark reflector orientated NNE-SSW, measuring 119.0 x 0.8 m with a height of up to 0.2 m. This feature is seen intermittently, possibly indicating that it is broken up or partially buried by mobile sediments (Fig. 7). A second linear feature is seen in line with this feature, outside of the study area. It is possible that these features are associated however, as the second item is outside of the study area, it has not been retained and reported on in the gazetteer.
- 4.2.18 Only one of these anomalies had an associated magnetic anomaly (**77039**, identified in the 2014 data assessment), indicating that it is comprised ferrous material such as a length or chain or cable. It is possible therefore that the remaining features are more likely to be lengths of rope. However, due to the magnetometer line spacing, it is possible that some of the features may have an associated magnetic anomaly that was not detected on this magnetometer data set. If lengths of rope, the features may not be of archaeological potential in themselves, but they may be attached to archaeological features (e.g. anchors) or be snagged on mostly buried debris not visible in the SSS or MBES data.
- 4.2.19 Five anomalies have been classified as bright reflectors (**71741, 701007, 701014, 701027** and **701049**), which are defined as individual objects or areas of low reflectivity, characteristic of materials that absorb acoustic energy, such as waterlogged wood or synthetic materials. These range in size from the largest (**71714**), which was identified during the 2012 data assessment and was seen to measure 10.8 x 3.7 m, to the smallest (**701027**), identified during this phase of assessment and seen to measure 2.7 x 0.4 x 0.0 m.
- 4.2.20 A further 164 anomalies have been classified as dark reflectors, which are defined as individual objects or areas of high reflectivity that display some anthropogenic characteristics, although their precise nature is uncertain (for full list see Appendix 2). These range in size from the smallest (**77073**) which was identified in the 2014 data assessment and seen to measure 0.3 x 0.1 x 0.2 m, to the largest (**71735**), which was identified in the 2012 data assessment and seen to measure 11.1 x 9.9 m. These could represent individual pieces of debris or natural features.
- 4.2.21 The remaining 242 A2 anomalies are magnetic anomalies with no associated seabed surface expression, which have the potential to represent possible buried ferrous debris. These magnetic anomalies range in size from 5 nT (anomalies **72008, 72018, 77752, 78075, 78080, 78090, 78092, 78096, 78113** and **70256**) to 277 nT (anomaly **77722**) (for full list see Appendix 2).



- 4.2.22 As discussed in Section 2.4, due to the magnetometer line spacing, it cannot be guaranteed that all ferrous items have been identified within the EA1N site.
- 4.2.23 As no SSS or MBES data were acquired over the EA1N Primary Area 2, the only seabed features identified within this area were those identified on the 2011 magnetometer data. As such, it cannot be guaranteed that all seabed features of archaeological potential have been identified within this area.

## 5 CONCLUSIONS AND RECOMMENDATIONS

### 5.1 Palaeogeographic features

- 5.1.1 The assessment of the geophysical data within the study area resulted in the identification of a total of 36 features of palaeogeographic interest. These are summarised as follows:
- a total of 16 channels and two high amplitude reflectors were assigned an P1 archaeological rating;
  - a total of 17 simple cuts and fills and one infilled depression were assigned an P2 archaeological rating.
- 5.1.2 As terrestrial features interpreted as being deposited during periods of known human occupation of the UK, those features given a P1 archaeological rating are considered of high archaeological potential. Those features with a P2 discrimination are considered of medium archaeological potential, partly due to the uncertainty of features formation and fill. Geoarchaeological work would aid in refining the interpretation and therefore help determine the archaeological potential of the area.
- 5.1.3 Should further ground investigation work be undertaken within the study area, it is recommended that the archaeological contractor be consulted to advise on potential samples to be acquired for archaeological purposes, particularly from the identified units of archaeological interest identified within the data. It is also recommended that any future geotechnical logs from within the study area be made available for geoarchaeological assessment.
- 5.1.4 Furthermore, it is recommended that any samples acquired containing material of archaeological potential, particularly those within the interpreted Pleistocene/early Holocene features, be made available for geoarchaeological assessment.

### 5.2 Seabed features

- 5.2.1 The assessment of the geophysical data within the study area resulted in a total of 516 anomalies identified as being of possible archaeological interest. These are summarised as follows:
- a total of two wrecks were assigned an A1 archaeological rating;
  - a total of 514 were assigned an A2 archaeological rating.
- 5.2.2 For the two wrecks, AEZs of 100 m around the wreck extents were recommended during the 2014 data assessment (Table 10). As no new geophysical data has been acquired over these sites, it is recommended that the proposed 100 m AEZs are retained unchanged.



**Table 10** Recommended AEZs within the study area

ID Number	Classification	Original Assessment	Position (WGS84 UTM31N)		Status	Exclusion Zone
			Easting	Northing		
70609	Wreck	74540, 74547	455967	5795276	Reviewed - retained unchanged	100 m buffer around current feature extent
77111	Wreck	74547	464178	5808047	Reviewed - retained unchanged	100 m buffer around current feature extent

- 5.2.3 For features assigned A2 archaeological discrimination rating, no AEZs are recommended at this time. However, avoidance of these features by micro-siting is recommended if they are to be directly impacted by development in the future.
- 5.2.4 It is recommended that if any objects of possible archaeological interest are recovered during any groundwork operations, that they should be reported using the established Offshore Renewables Protocol for Archaeological Discoveries (ORPAD, The Crown Estate 2014). This will establish whether the recovered objects are of archaeological interest and recommend appropriate mitigation measures.

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## APPENDICES

### Appendix 1 Palaeogeographic features of archaeological potential

ID number	Classification	Archaeological discrimination	Description	Age	Report ref.
75594	Channel	P1	Possible channel, identified directly BSB or beneath a veneer of modern seabed sediments, cut into the top of the interpreted SK formation. The channel is orientated in a north-east to south-west direction and is seen on the SBP data to have relatively distinct basal reflector and well-layered unit fill. Feature corresponds with a channel identified in the 2014 report (Wessex Archaeology 2014). Depth range: 0.4 - 13.4 m BSB.	Devensian	74547, 117810
75595	Channel	P1	A small, simple cut and fill identified directly BSB or beneath a veneer of modern seabed sediments, cut into the top of the interpreted WK/SK formation. The feature has a faint, poorly defined basal reflector and some subparallel internal reflectors, indicating unit fill is relatively well layered. Feature corresponds with a simple cut and fill identified during the 2014 data assessment (Wessex Archaeology 2014). Although the shape of the features appears to differ slightly between the two assessments, this is likely due to differences in line spacing and line orientation and, as such the two features have been grouped together. Depth range: 0.5 - 12.6 m BSB.	Unknown	74547, 117810
75597	Channel	P1	Possible channel, orientated NNE to SSW, identified directly BSB or beneath a veneer of modern seabed sediments, cut into the top of the interpreted BNB formation. Feature has a distinct basal reflector with relatively acoustically chaotic fill. Feature corresponds with a small but well-defined channel identified during the 2014 data assessment (Wessex Archaeology 2014). This feature is reported as having a relatively high amplitude basal reflector, suggesting a possible organic rich layer. Possible Post-Devensian fluvial channel, possibly original connected to similar feature <b>75598</b> . Depth range: 0.3 - 8.8 m BSB.	Post-Devensian	74547, 117810
75598	Channel	P1	Possible channel, orientated NNE to SSW, identified directly BSB or beneath a veneer of modern seabed sediments, cut into the top of the interpreted BNB formation. Feature has a distinct basal reflector and possibly more than one phase of fill. Feature corresponds with a small but well-defined channel identified during the 2014 data assessment (Wessex Archaeology 2014). This feature is reported as having a relatively high amplitude basal reflector, suggesting a possible organic rich layer, which flattens into a high amplitude reflector rather than a channel at its northern edge. Possible Post-Devensian fluvial channel, possibly original connected to similar feature <b>75597</b> . Depth range: 0.2 - 9.1 m BSB.	Post-Devensian	74547, 117810
75599	High amplitude reflector	P1	Short high amplitude reflector directly beneath the seabed sediment was identified on one survey line during the 2014 data assessment (Wessex Archaeology 2014), and reported as being a possible organic layer, possibly related to feature <b>75598</b> . The feature was not covered by the SBP data looked at for this assessment, however it has been retained based on its previous interpretation. Depth Range: 1.0m - 1.8m BSB.	Post-Devensian	74547



ID number	Classification	Archaeological discrimination	Description	Age	Report ref.
780050	Simple cut and fill	P2	Possible small simple cut and fill identified directly BSB or beneath a veneer of modern seabed sediments, cut into the top of the interpreted SK formation. Feature is not particularly distinct and has a poorly defined basal reflector with acoustically chaotic fill. Possibly related to nearby channel <b>6021</b> however seismic characteristics are different and therefore they have been kept as two separate features. Depth range: 0.2 - 13.9 m BSB.	Unknown	117810
75608	Channel	P1	Possible channel identified directly BSB or beneath a veneer of modern seabed sediments, cut into the top of the interpreted BNB formation. Feature has a very distinct, high amplitude basal reflector. Feature corresponds with a channel identified during the 2014 data assessment (Wessex Archaeology 2014) which is reported as having high amplitude basal reflector in the SW, possibly indicating organics, and less well defined in the NE. The channel has a single phase of acoustically unstructured fill. The feature also corresponds with high amplitude reflector <b>75607</b> , which was also identified during the 2014 assessment and has been grouped in with the larger channel feature. Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Possible remnants of an eroded Post-Devensian fluvial channel. Depth Range: 1.4 - 6.3 m BSB.	Post-Devensian	74547, 117810
75606	Channel	P1	Possible channel or lower cuts identified at the base of the BNB formation, cut into the top of the interpreted SK or YM formation. Feature has a distinct basal reflector and some acoustically quiet and some well-layered. Feature corresponds with a channel identified during the 2014 data assessment as well as a simple cut and fill ( <b>75609</b> ) (Wessex Archaeology 2014), however the boundaries of the features differ between the two datasets. Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Possible remnant of an eroded channel feature filled with BNB sediment, along with features <b>75602</b> , <b>75603</b> , <b>75604</b> , <b>75612</b> , <b>75613</b> , <b>75614</b> and <b>75615</b> . Depth range 0.8 - 22.1 m BSB.	Devensian	74547, 117810
75605	Simple cut and fill	P2	Possible very poorly defined cut and fill feature cut through BNB was identified during the 2014 palaeogeographic assessment (Wessex Archaeology 2014), however was not identified during the latest phase of data assessment. Feature is reported as having no defined basal reflector, but base of BNB is disrupted. Single phase of acoustically unstructured fill. Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Could be remnants of an eroded Post-Devensian channel or the eroded base of the seabed sediment. Depth Range: 2.8m - 8.8m BSB.	Post-Devensian	74547
75604	Channel	P1	Possible channel or lower cuts identified at the base of the BNB formation, cut into the top of the interpreted SK or YM formation. Feature has a distinct basal reflector and well-layered fill. Feature corresponds with a channel identified during the 2014 data assessment (Wessex Archaeology 2014), however the boundaries of the features differ between the two datasets. Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Possible remnant of an eroded channel feature filled with BNB sediment, along with features <b>75602</b> , <b>75603</b> , <b>75606</b> , <b>75612</b> , <b>75613</b> , <b>75614</b> and <b>75615</b> . Depth range 0.1 - 11.6 m BSB.	Devensian	74547, 117810



ID number	Classification	Archaeological discrimination	Description	Age	Report ref.
75612	Channel	P1	Relatively broad channel or lower cut identified at the base of the BNB formation, cut into the top of the interpreted SK or YM formation. Feature has a distinct basal reflector and acoustically unstructured fill. Feature corresponds with a channel identified during the 2014 data assessment (Wessex Archaeology 2014), however the boundaries of the features differ between the two datasets. Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Possible remnant of an eroded channel feature filled with BNB sediment, along with features <b>75602, 75603, 75604, 75606, 75613, 75614</b> and <b>75615</b> . Depth range 0.7 - 16.6 m BSB.	Devensian	74547, 117810
75614	Channel	P1	A shallow, poorly defined cut and fill feature ( <b>74614</b> ) cut into YM was identified during the 2014 palaeogeographic assessment (Wessex Archaeology 2014), which corresponded with a simple cut and fill ( <b>75328</b> ) identified during the 2012 data assessment (Wessex Archaeology 2012). The feature was not identified during this assessment of the geophysical data, likely due to differences in survey line spacing and orientation. As both anomaly numbers represent the same feature, the most recent anomaly number has been retained ( <b>75614</b> ) and the boundaries of the feature merged to include that of the original <b>75328</b> anomaly. Depth Range: 2.5 - 8.0 m BSB.	Devensian	74541, 74547
75615	Channel	P1	Shallow, poorly defined cut and fill feature cut into YM was identified during the 2014 palaeogeographic assessment (Wessex Archaeology 2014), however was not identified during the latest phase of data assessment. Feature is reported as having a single phase of fill characterised by sub-parallel internal reflectors. Possible remnant of an eroded channel feature filled with BNB sediment, along with features <b>75603, 75604, 75606, 75602, 75612, 75613</b> and <b>75614</b> . Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Depth Range: 2.2 - 6.9 m BSB.	Devensian	74547
75603	Complex Channel	P1	Relatively broad channel or lower cut identified at the base of the BNB formation, cut into the top of the interpreted SK or YM formation. Feature has a distinct basal reflector and acoustically unstructured and some we-layered fill, possibly indicating different phases of deposition. Feature corresponds with a channel identified during the 2014 data assessment (Wessex Archaeology 2014), however the boundaries of the features differ between the two datasets. Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Possible remnant of an eroded channel feature filled with BNB sediment, along with features <b>75602, 75603, 75604, 75606, 75613, 75614</b> and <b>75615</b> . Depth range 2.1 - 26.7 m BSB.	Devensian	74547, 117810
75613	Complex Channel	P1	Complex channel identified partially below the BNB formation and then directly BSB, cutting into the top of the interpreted YM formation. Feature has a faint basal reflector and more than one phase of fill, one acoustically unstructured and the other characterised by sub-parallel reflectors, possibly indicating different phases of deposition. Feature corresponds with a channel identified during the 2014 data assessment (Wessex Archaeology 2014), however the boundaries of the features differ between the two datasets. Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Possible remnant of an eroded channel feature filled with BNB sediment, along with features <b>75602, 75603, 75604, 75606, 75603, 75614</b> and <b>75615</b> . Depth range 0.5 - 20.5 m BSB.	Unknown	74547, 117810



ID number	Classification	Archaeological discrimination	Description	Age	Report ref.
75610	Simple cut and fill	P2	Small simple cut and fill identified at the base of the BNB formation, cut into the top of the interpreted YM formation. Feature has a distinct basal reflector and acoustically unstructured fill. Feature corresponds with two simple cut and fills ( <b>75610</b> and <b>75611</b> ) identified during the 2014 data assessment (Wessex Archaeology 2014). As the feature was seen to cover both of the 2014 features during the latest assessments, the features have been grouped together. Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Possible remnant of an eroded channel feature filled with BNB sediment, along with features <b>75602</b> , <b>75603</b> , <b>75604</b> , <b>75606</b> , <b>75613</b> , <b>75614</b> and <b>75615</b> . Depth range 1.6 - 8.2 m BSB.	Devensian	74547, 117810
75602	Simple cut and fill	P2	Cut and fill feature at base of BNB cut into WK/YM was identified during the 2014 palaeogeographic assessment (Wessex Archaeology 2014), however was not identified during the latest phase of data assessment. Feature is reported as having a relatively poorly defined basal reflector with single phase of acoustically unstructured fill. Possible remnant of an eroded channel feature filled with BNB sediment, along with features <b>75603</b> , <b>75604</b> , <b>75606</b> , <b>75612</b> , <b>75613</b> , <b>75614</b> and <b>75615</b> . Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Depth Range: 0.9m - 10.3m BSB.	Devensian	74547
75617	Channel	P1	Complex channel or lower cut identified at the base of the BNB formation, cut into the top of the interpreted YM formation. Feature has a relatively distinct basal reflector and acoustically unstructured fill. Feature corresponds with a channel identified during the 2014 data assessment (Wessex Archaeology 2014), however the boundaries of the features differ between the two datasets. Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Possible remnant of an eroded channel feature filled with BNB sediment, along with feature <b>75618</b> . Depth range 0.4 - 13.6 m BSB.	Devensian	74547, 117810
75618	Channel	P1	Complex channel or lower cut identified at the base of the BNB formation, cut into the top of the interpreted YM formation. Feature has a relatively distinct, undulating basal reflector and acoustically unstructured fill. Feature corresponds with a channel identified during the 2014 data assessment (Wessex Archaeology 2014), however the boundaries of the features differ between the two datasets. Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Possible remnant of an eroded channel feature filled with BNB sediment, along with feature <b>75617</b> . Depth range 0.4 - 12.0 m BSB.	Devensian	74547, 117810
75330	Simple cut and fill	P2	Small simple cut and fill identified directly BSB or beneath a veneer of modern seabed sediments, cut into the top of the YM formation. Unit fill is slightly layered with a poorly defined basal reflector. The feature appears to correspond with a feature identified during the 2012 data assessment (Wessex Archaeology 2012), which is reported as being a simple cut and fill with acoustically chaotic fill. Differences in interpretation are likely due to the differences in survey equipment specs and line spacing. Depth range: 0.9 - 10.0 m BSB.	Devensian or post- Devensian	74541, 117810



ID number	Classification	Archaeological discrimination	Description	Age	Report ref.
780052	Simple cut and fill	P2	Small, simple cut and fill identified directly BSB or beneath a veneer of modern seabed sediments, or beneath a unit of modern marine sands, cut into the top of the interpreted YM formation. Feature has a distinct, undulating base and acoustically chaotic fill with some internal subparallel reflectors. Depth range: 1.8 - 8.8 m BSB.	Unknown	117810
780053	Complex Channel	P1	Distinct channel identified directly BSB or beneath a veneer of modern seabed sediments, cut into top of the interpreted YM formation. Feature has multiple phases of acoustically unstructured fill and a distinct, slightly undulating, distinct basal reflector. Feature is in line with BNB channel <b>780022</b> , which is identified within the ECR area, and is therefore possibly part of the same feature. Depth range 0.5 - 12.3 m BSB.	Devensian	117810
780054	Simple cut and fill	P2	Small simple cut and fill identified directly BSB or beneath a veneer of modern seabed sediments, cut into the top of the interpreted SK formation. The feature has a relatively strong basal reflector with acoustically chaotic unit fill. Depth range: 0.6 - 4.0 m BSB.	Unknown	117810
75616	Channel	P1	Shallow cut and fill feature cut into YM, identified during the 2014 data assessment (Wessex Archaeology 2014), however was not identified during this assessment of the geophysical data, likely due to differences in survey line spacing and orientation. The feature is reported as having a relatively poorly defined basal reflector with single phase of fill characterised by poorly defined internal reflector. Possible fluvial feature though date is uncertain. Depth Range: 0.8m - 8.4m BSB.	Unknown	74547
75637	Simple cut and fill	P2	Possible poorly defined cut and fill feature cut into YM identified during the 2014 data assessment (Wessex Archaeology 2014), however was not identified during this assessment of the geophysical data, likely due to differences in survey line spacing and orientation. The feature is reported as having a single phase of acoustically unstructured fill. Only identified on a single survey line; could be the remnants of an eroded channel system, or a localised accumulation of seabed sediment. Depth Range: 0.8m - 4.1m BSB.	Unknown	74547
75335	Infilled depression	P2	Distinct infilled depression feature identified during the 2012 data assessment (Wessex Archaeology 2012), however was not identified during this assessment of the geophysical data, likely due to differences in survey line spacing and orientation. The feature is reported as having 3.2m fill of strong horizontal reflectors overlain by a veneer of seabed sediments. Fill possible BNB or pre-transgression Holocene sediment. Depth range: 1.7 to 4.5 m BSB.	Devensian or post-Devensian	74541
75336	Simple cut and fill	P2	Shallow cut identified during the 2012 data assessment (Wessex Archaeology 2012), however was not identified during this assessment of the geophysical data, likely due to differences in survey line spacing and orientation. The feature is reported as having transparent fill up to 1.8m overlain by sand wave up to 6m high. Fill possible BNB Formation. Depth range: 1.6 to 6.6 m BSB.	Devensian or post-Devensian	74541
75337	Simple cut and fill	P2	Shallow cut identified during the 2012 data assessment (Wessex Archaeology 2012), however was not identified during this assessment of the geophysical data, likely due to differences in survey line spacing and orientation. The feature is reported as having chaotic fill up to 2.5m, overlain by sand wave up to 11m high. Fill possible BNB Formation. Depth range: 1.5 to 9.3 m BSB.	Devensian or post-Devensian	74541



ID number	Classification	Archaeological discrimination	Description	Age	Report ref.
75596	Simple cut and fill	P2	Small cut and fill feature cut into WK was identified on one survey line during the 2014 data assessment (Wessex Archaeology 2014) , and reported as being a well-defined basal reflector and single phase of acoustically unstructured fill. The feature was not covered by the SBP data looked at for this assessment, however it has been retained based on its previous interpretation. Possible remains of a fluvial channel. Depth Range: 1.5m - 7.9m BSB.	Unknown	74547
75600	Simple cut and fill	P2	Small cut and fill feature at base of BNB was identified on one survey line during the 2014 data assessment (Wessex Archaeology 2014) and reported as having a well-defined basal reflector and single phase of fill characterised by poorly defined internal reflectors. Possible remains of a channel filled with BNB sediment. The feature was not covered by the SBP data looked at for this assessment, however it has been retained based on its previous interpretation. Depth Range: 4.2m - 6.1m BSB.	Devensian	74547
75601	Simple cut and fill	P2	Small cut and fill feature at base of BNB was identified on one survey line during the 2014 data assessment (Wessex Archaeology 2014) and reported as having a well-defined basal reflector and single phase of fill characterised by poorly defined internal reflectors. Possible remains of a channel filled with BNB sediment. The feature was not covered by the SBP data looked at for this assessment, however it has been retained based on its previous interpretation. Depth Range: 4.5m - 12.4m BSB.	Devensian	74547
75619	Simple cut and fill	P2	Small cut and fill feature at base of BNB was identified on one survey line during the 2014 data assessment (Wessex Archaeology 2014) and reported as having a well-defined basal reflector and single phase of fill characterised by poorly defined internal reflectors. Possible remains of a channel filled with BNB sediment. The feature was not covered by the SBP data looked at for this assessment, however it has been retained based on its previous interpretation. Depth Range: 6.4m - 10.0m BSB.	Devensian	74547
75631	High amplitude reflector	P1	Short high amplitude reflector, possibly within YM was identified on one survey line during the 2014 data assessment (Wessex Archaeology 2014) and reported as being a possible organic layer. The feature was not covered by the SBP data looked at for this assessment, however it has been retained based on its previous interpretation. Depth Range: 3.5m - 4.0m BSB.	Pre-Anglian	74547
75632	Simple cut and fill	P2	Poorly defined cut and fill feature cut into YM was identified on one survey line during the 2014 data assessment (Wessex Archaeology 2014) and reported as having a single phase of acoustically unstructured fill. Could be the remnants of an eroded channel, though only identified on one survey line. The feature was not covered by the SBP data looked at for this assessment, however it has been retained based on its previous interpretation. Depth Range: 2.3m - 8.0m BSB.	Unknown	74547
75634	Simple cut and fill	P2	Possible poorly defined cut and fill feature cut into YM was identified on one survey line during the 2014 data assessment (Wessex Archaeology 2014) and reported as having a single phase of acoustically unstructured fill. Could be the remnants of an eroded channel system, or a localised accumulation of seabed sediment. The feature was not covered by the SBP data looked at for this assessment, however it has been retained based on its previous interpretation. Depth Range: 1.5 - 3.2 m BSB.	Unknown	74547



ID number	Classification	Archaeological discrimination	Description	Age	Report ref.
75329	Simple cut and fill	P2	Southern edge of BNB filled cut and fill feature identified during the 2012 data assessment (Wessex Archaeology 2012), however was not identified during this assessment of the geophysical data due to differences in survey line spacing and orientation. The feature is reported as having transparent fill up to 4.3m thick and overlain by sand waves up to 8m high. Depth Range: 2.1 - 11.7 m BSB.	Devensian	74541



## Appendix 2 Seabed features of archaeological potential

ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
70342	Magnetic	459048	5798906	A2	-	-	-	14	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70343	Magnetic	459008	5800487	A2	-	-	-	9	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70344	Magnetic	459054	5801875	A2	-	-	-	6	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
71654	Dark reflector	467926	5799020	A2	3.3	0.6	0.3	-	Dark reflector identified during the 2010 data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70345	Magnetic	458968	5802451	A2	-	-	-	7	Possible sand wave. No particularly large sand waves were visible in the bathymetry and no cable route or pipeline is recorded in this area. Magnetic anomalies appear dipolar so the anomaly could be ferrous. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
70406	Magnetic	464983	5800374	A2	-	-	-	26	Possible sand wave, a sand wave observed in the bathymetry data lines up with two magnetic anomalies. The magnetic anomalies appear dipolar so the anomaly could be ferrous. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
70407	Magnetic	464951	5800610	A2	-	-	-	22	Isolated weak magnetic anomaly. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. Anomaly found during previous East Anglia ONE phase, but not during current phase. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
70408	Debris	464917	5801378	A2	0.9	0.7	0.3	-	Irregular shaped anomaly located in an area of sand waves. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547
70409	Seabed disturbance	464910	5801498	A2	5.0	9.7	0.0	-	Elongated, irregular shaped spread of anomalous seabed. Located in an area of sand waves. Not observed in the bathymetry data. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature	-	74540, 74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									has been retained based on its previous interpretation.		
70410	Debris	464925	5802001	A2	3.0	0.6	0.8	-	Isolated anomaly with a distinct rounded shadow visible. Located amongst sand waves. Identified during the 2011 and 2014 data assessments. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
70411	Magnetic	464988	5802229	A2	-	-	-	12	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70412	Magnetic	464952	5802587	A2	-	-	-	25	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70413	Magnetic	464952	5802704	A2	-	-	-	148	Strong isolated magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70414	Magnetic	464952	5802807	A2	-	-	-	25	Moderate strength isolated magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
70415	Magnetic	464982	5802863	A2	-	-	-	26	Moderate strength isolated magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70416	Debris	464925	5803506	A2	2.8	0.2	0.1	-	Short linear anomaly located in an area of sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70417	Magnetic	464976	5805608	A2	-	-	-	18	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70418	Debris	464890	5806416	A2	3.5	0.2	0.0	-	Short linear anomaly in an area of sand waves. This anomaly appears to have been distorted due to poor data quality. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547
70419	Debris	465002	5807792	A2	2.3	0.3	0.2	-	Short linear anomaly in an area of sand waves. The anomaly has been distorted due to issues with data quality. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
70420	Debris	464986	5808520	A2	0.9	0.3	0.0	-	Sub-rectangular anomaly in an area of sand waves. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547
70421	Magnetic	465047	5809120	A2	-	-	-	8	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70535	Magnetic	470050	5799227	A2	-	-	-	32	Moderate strength isolated magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70536	Magnetic	469954	5802248	A2	-	-	-	6	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70537	Magnetic	470007	5802389	A2	-	-	-	11	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
70538	Dark reflector	470039	5803222	A2	0.9	0.5	0.2	-	Sub-circular, sub-rounded anomaly with a slight scour. Located in an area of sand waves. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547
70539	Dark reflector	470064	5803280	A2	0.5	1.0	0.2	-	Irregularly shaped sub-rounded anomaly in an area of sand waves. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547
70540	Magnetic	469942	5803485	A2	-	-	-	11	Isolated weak magnetic anomaly. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
70541	Dark reflector	470006	5804080	A2	2.7	1.1	0.3	-	Irregular shaped rounded anomaly with diffuse edges located in an area of sand waves. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547
70542	Dark reflector	469968	5804799	A2	1.5	0.5	0.2	-	Sub-rectangular anomaly with diffuse edges in an area of sand waves. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
70543	Dark reflector	470051	5805416	A2	0.9	0.4	0.4	-	Sub-oval rounded anomaly with diffuse edges and a slight scour. Located in an area of sand waves. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547
70544	Debris	470001	5805937	A2	4.8	0.4	0.2	-	Irregular shaped sub-angular anomaly in an area of small sand waves. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547
70545	Magnetic	470041	5806977	A2	-	-	-	7	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70546	Debris	470048	5807021	A2	2.1	0.2	0.5	-	Short linear anomaly in an area of small sand waves. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547
70547	Debris	469966	5807177	A2	1.4	0.4	0.4	-	Two closely spaced pieces of debris. One is sub-rectangular in shape with rounded corners and diffuse edges, the other is irregular in shape with sub-angular edges. Located in an area of small sand waves. Anomaly found during previous ZEA phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this	-	74540, 74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature and, as such, the feature has been retained based on its previous interpretation.		
70548	Magnetic	470049	5807355	A2	-	-	-	8	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70549	Debris	469925	5807942	A2	1.6	0.7	0.7	-	Irregular shaped anomaly with associated scour in an area of small sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540, 74547
70550	Magnetic	470051	5808121	A2	-	-	-	14	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70551	Magnetic	470001	5808217	A2	-	-	-	9	Isolated weak magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74540
70609	Wreck	455967	5795276	A1	48.7	10.6	2.9	862	A very large magnetic anomaly was identified on the 2011 magnetometer during this phase of data assessment. This corresponds with a large wreck identified during the 2012 and 2014 data	UKHO 10979	74541, 74547, 117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									<p>assessments. As no new sonar data were acquired for this phase of the assessment, no comment can be made on the visual aspects of the wreck, however it is reported as being largely covered by sediments. Very hard edged dark reflector representing one edge of the hull which looks to be intact. Very small amounts of internal structure visible. Large shadow and height. Associated debris nearby and scour to the north. Two anomalies visible which are potentially debris from the wreck, larger is a hard-edged linear dark reflector 5.3m x 0.3m x 0.2m with a bright shadow, slightly right angled/broken anomaly. Smaller is a very discreet possible wreck debris, very thin, hard edged parallel short linear dark reflector 1.3m x 0.5m x 0.2m with shadows close to wreck. A distinct double peaked mound orientated north-south with the larger towards the north is visible on the multibeam bathymetry. The wreck dimensions have been taken from the most recent 2014 sonar data however, due to the size, the 2011 magnetic amplitude has been used as a precaution. At site of UKHO recorded wreck described as possibly the remains of a vessel thought to represent that of the <i>Edinardu Antoinette</i>, a Belgian sailing/fishing vessel which sank following a collision with the British steamship <i>Matching</i>. The wreck was first charted in 1926 and is recorded as having dimensions of 45m x unknown x 7m . Subsequent surveys indicate that the wreck lies intact and upright, with its bow towards the south. The surveyed position of this wreck is considered to be accurate to 13m.</p>		



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71101	Debris	455991	5795233	A2	1.7	0.6	0.3	-	Lies 22m southeast from wreck 70609. Irregular shaped anomaly with anthropogenic form. Anomaly originally identified during previous East Anglia ONE phase. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
71273	Dark reflector	465633	5799401	A2	5.9	0.7	0	-	Short linear anomaly located in an area of sand waves. Anomaly is in a section of distorted data, so length may be overestimated. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71287	Debris field	465954	5800221	A2	7.1	2.6	0.2	-	Cluster of three sub-oval dark reflectors. Located in an area of sand waves with rare small-medium rocks scattered in the vicinity. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71319	Dark reflector	470179	5801298	A2	2.7	0.8	0	-	Curvilinear anomaly with small scour. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71320	Seabed disturbance	469913	5802376	A2	7.6	6.6	0	-	Confused area of bright and dark reflectors surrounding a small dark reflector measuring 1.1x0.8x0m. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71321	Dark reflector	469841	5799356	A2	2.9	0.9	0.6	-	Elongated anomaly with clearly defined shadow in area of sand ripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71330	Debris field	469707	5800058	A2	40.3	24.1	0	-	Unusual group of a number of small anomalies in a discrete area. This is located within an area of seabed with height variations and megaripples. The largest objects are approximately 1m to 2m across. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71343	Dark reflector	469550	5800746	A2	1.7	0.7	0.8	-	Dark reflector with height. This is visible in an area of seabed with height variation and megaripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71344	Dark reflector	469601	5799558	A2	2.8	1.9	0	-	Rounded hollow dark reflector without height. This is visible in an area of seabed with height variations and megaripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71345	Dark reflector	469595	5799310	A2	2.1	0.4	0.5	-	Elongated dark reflector with a rounded shadow. This is visible in an area of seabed with height variations and megaripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71369	Dark reflector	469535	5799484	A2	3.5	0.3	0.5	-	Dark reflector with height. This is visible in an area of seabed with height variations and megaripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71375	Dark reflector	469367	5802538	A2	2.4	0.9	0.8	-	C-shaped dark reflector which casts a rounded shadow. This is visible in an area of seabed with height variations and megaripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71406	Seabed disturbance	469310	5802657	A2	5.4	2	0.3	-	Dark reflectors with height, visible as a seabed disturbance. This is visible in an area of seabed with height variation and megaripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71407	Dark reflector	469304	5802790	A2	2.2	1	0.4	-	C-shaped dark reflector with height. This is located in an area of megaripples with changes in the seabed height. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71415	Seabed disturbance	469192	5803463	A2	15.7	10.7	0.3	-	Dark reflectors with height representing a seabed disturbance. This is located in an area of seabed with megaripples and height variations. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data	-	74541, 74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.		
71416	Dark reflector	469210	5802091	A2	4.8	0.9	0.2	-	Elongated dark reflector with some height. This is located in an area of seabed with megaripples and height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71417	Dark reflector	469219	5801980	A2	3.6	0.4	0.2	-	Irregularly shaped, elongated dark reflector with some height. This is visible in an area of seabed with megaripples and some height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71430	Dark reflector	469245	5799424	A2	2.1	0.2	0	-	Elongated dark reflector without height. This is visible in an area of seabed with megaripples and little height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71431	Dark reflector	469257	5799710	A2	2.6	0.4	0	-	Elongated dark reflector without height. This is visible in an area of seabed with megaripples and height variations. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71432	Dark reflector	469227	5800625	A2	3	0.2	0.1	-	Elongated dark reflector with a small shadow. The anomaly is located in stretched data, so the length measurement is inaccurate. This is visible in an area of seabed with megaripples and some height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71433	Seabed disturbance	469180	5801734	A2	4	2.1	0	-	seabed disturbance without height. This appears as a dark reflector encircling a bright reflector. This is visible in an area of seabed with height variation and megaripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71434	Dark reflector	469236	5802700	A2	2.9	0.8	0.5	-	Elongated dark reflector with height. This is visible in an area of seabed with megaripples and some height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71435	Dark reflector	469148	5802759	A2	4.6	0.6	0	-	Dark reflector with height. This is visible in an area of seabed with megaripples and height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71436	Dark reflector	469130	5802796	A2	2.7	0.4	0	-	Dark reflector without height. This is visible in an area of seabed with megaripples and height variations. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									such, the feature has been retained based on its previous interpretation.		
71456	Dark reflector	469105	5803533	A2	3.1	0.7	0.1	-	Triangular shaped dark reflector with height. This is located in an area of seabed with megaripples and some height variations. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
71479	Dark reflector	468863	5803305	A2	3.1	0.7	0	-	Dark reflector without height. This is visible in an area of seabed with megaripples and sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71480	Dark reflector	468706	5803030	A2	3.7	0.5	0	-	Elongated dark reflector without height. This is visible in an area of seabed with megaripples and height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71514	Dark reflector	468602	5799137	A2	2.6	0.7	0.4	-	Dark reflector with height. This is visible in an area of seabed with megaripples and height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71526	Dark reflector	468634	5801931	A2	3.5	0.5	0.2	-	Dark reflector with height. This is visible in an area of seabed with megaripples and height variations. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71527	Dark reflector	468519	5801960	A2	2.4	0.3	0	-	Dark reflector without height. This is visible in an area of seabed with megaripples and height variations. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71528	Dark reflector	468525	5802193	A2	4.9	0.4	0.1	-	Elongated dark reflector with height. This is visible in an area of seabed with megaripples and height variations. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71529	Dark reflector	468550	5802248	A2	2.5	0.5	0.7	-	Dark reflector with height. This is located in an area of seabed with megaripples and height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71564	Dark reflector	468494	5800418	A2	4	0.4	0	-	Two dark reflectors without height forming an elongated anomaly. This is visible in an area of seabed with megaripples and some height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71565	Dark reflector	468331	5800610	A2	4.7	0.3	0	-	Elongated dark reflector without height. This is visible in an area of seabed with megaripples and height variations. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71566	Dark reflector	468511	5802960	A2	4.4	0.5	0	-	Elongated dark reflector without height. It is located at the edge of the data range. This is visible in an area of seabed with megaripples and some height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71577	Dark reflector	468313	5802518	A2	2.1	0.7	0	-	Dark reflector without height. This is visible in an area of seabed with megaripples and height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71605	Dark reflector	468326	5803270	A2	2.3	0.4	0.5	-	Dark reflector with height. This is visible in an area of seabed with height variations and megaripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71648	Dark reflector	468096	5801738	A2	4.2	1.9	0.8	-	Dark reflector with height. This is visible in an area of seabed with megaripples and height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71652	Dark reflector	467915	5804406	A2	2.8	0.5	0.8	-	Dark reflector with height. This is visible in an area of seabed with height variation and megaripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71653	Dark reflector	467825	5799612	A2	1.4	0.6	0.4	-	Dark reflector with height. This is present within a small area of disturbed seabed. This is visible in an area of seabed with megaripples and height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71667	Dark reflector	467653	5801402	A2	4.1	0.5	0	-	Dark reflector without height. This is visible in an area of seabed with megaripples and height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71685	Dark reflector	467507	5802416	A2	2.7	0.7	0	-	Dark reflector without height. This is visible in an area of seabed with megaripples and height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71710	Dark reflector	470430	5802002	A2	4.1	1.6	0.8	-	Rounded object with height in area of rippled seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71711	Dark reflector	470275	5801896	A2	2	1.5	0.9	-	Isolated small object with height. May have a scour on the near side. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71712	Dark reflector	470480	5801850	A2	2.8	2.6	0.8	-	Rounded, indistinct object with height. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71715	Dark reflector	470432	5802095	A2	5	1.7	0	-	Irregularly shaped dark reflector in area of ripples. Surrounded by diffuse dark reflector. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
71717	Debris	470529	5801276	A2	2.9	0.5	0.3	-	Linear object with height. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71719	Seabed disturbance	470679	5799934	A2	34.4	20.3	0	-	Disturbed area of seafloor, principally consisting of bright reflectors. Distinct to surroundings but may be sand wave shadow. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71726	Dark reflector	466899	5801956	A2	3.2	1.2	1	-	Angular object with height in area of sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature has been retained based on its previous interpretation.		
71727	Dark reflector	467016	5803828	A2	2.5	1	0.5	-	Blocky object with height in area of sand waves. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
71728	Debris	466988	5802776	A2	1.9	1.1	0.4	-	Angular object with height. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71735	Dark reflector	467919	5803225	A2	11.1	9.9	0	-	Approximately oval shaped large feature in area of sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71736	Dark reflector	468002	5804623	A2	4.6	1.7	0	-	Irregularly shaped object, possibly with scour. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. Possibly due to sand wave cover. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
71741	Bright reflector	469033	5803114	A2	10.8	3.7	0	-	Irregularly shaped feature on side of sand wave. Possible shadow but no object visible. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71742	Dark reflector	469021	5800598	A2	1.9	1.3	0.6	-	Angular object with height. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71743	Dark reflector	470024	5801819	A2	3	2	1	-	Angular object with hard reflector on near side. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71780	Magnetic	465145	5800140	A2	-	-	-	19	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
71781	Magnetic	470485	5800050	A2	-	-	-	25	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71791	Magnetic	466455	5799270	A2	-	-	-	17	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71792	Magnetic	467665	5799960	A2	-	-	-	15	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71793	Magnetic	468305	5800810	A2	-	-	-	13	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71797	Magnetic	470175	5799950	A2	-	-	-	33	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71815	Magnetic	465525	5799680	A2	-	-	-	27	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71827	Magnetic	465865	5799410	A2	-	-	-	13	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71837	Magnetic	467425	5799840	A2	-	-	-	10	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71838	Magnetic	469405	5799540	A2	-	-	-	9	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71861	Magnetic	467115	5802450	A2	-	-	-	6	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71952	Magnetic	462955	5798036	A2	-	-	-	6	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71957	Magnetic	468957	5799129	A2	-	-	-	61	Large magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71958	Magnetic	468958	5803099	A2	-	-	-	12	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71959	Magnetic	468960	5802846	A2	-	-	-	15	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
71960	Magnetic	468962	5800354	A2	-	-	-	14	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71961	Magnetic	468962	5800189	A2	-	-	-	6	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71962	Magnetic	468959	5799629	A2	-	-	-	20	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71963	Magnetic	468961	5799570	A2	-	-	-	14	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
71994	Magnetic	469011	5799455	A2	-	-	-	19	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.		
72004	Magnetic	468990	5799402	A2	-	-	-	6	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72005	Magnetic	468993	5799590	A2	-	-	-	236	Large magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72006	Magnetic	468992	5799967	A2	-	-	-	10	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72007	Magnetic	469047	5804100	A2	-	-	-	42	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
72008	Magnetic	469046	5803248	A2	-	-	-	5	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72009	Magnetic	469040	5802165	A2	-	-	-	6	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72018	Magnetic	467951	5805033	A2	-	-	-	5	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
72019	Magnetic	467945	5802180	A2	-	-	-	9	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72034	Magnetic	467951	5802533	A2	-	-	-	10	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.		
72035	Magnetic	468010	5800624	A2	-	-	-	17	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72036	Magnetic	468017	5799570	A2	-	-	-	40	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72050	Magnetic	468020	5799130	A2	-	-	-	7	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72051	Magnetic	468016	5805207	A2	-	-	-	8	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. No new geophysical data has been acquired over this feature and, as such, the	-	74541, 74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature has been retained based on its previous interpretation.		
72060	Magnetic	468025	5799759	A2	-	-	-	30	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72061	Magnetic	468023	5801044	A2	-	-	-	11	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72062	Magnetic	468028	5801492	A2	-	-	-	8	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72063	Magnetic	468027	5801624	A2	-	-	-	9	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature and, as such, the feature has been retained based on its previous interpretation.		
72064	Magnetic	468027	5802942	A2	-	-	-	35	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72065	Magnetic	468031	5803380	A2	-	-	-	9	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72066	Magnetic	468033	5804187	A2	-	-	-	6	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72067	Magnetic	468029	5804513	A2	-	-	-	8	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. No new geophysical data has	-	74541, 74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.		
72068	Magnetic	468037	5805213	A2	-	-	-	18	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
72074	Magnetic	467073	5798977	A2	-	-	-	13	Small magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72075	Magnetic	467072	5799879	A2	-	-	-	103	Large magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72076	Magnetic	467071	5801604	A2	-	-	-	18	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
72077	Magnetic	467078	5802096	A2	-	-	-	6	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72093	Magnetic	466956	5800389	A2	-	-	-	7	Small magnetic anomaly without an associated sidescan sonar contact. Could be a natural feature or indicative of a small piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72094	Magnetic	466956	5800528	A2	-	-	-	16	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72114	Magnetic	466007	5799256	A2	-	-	-	14	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
72115	Magnetic	466000	5799728	A2	-	-	-	14	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72116	Magnetic	465945	5799903	A2	-	-	-	125	Large magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541
72121	Magnetic	464040	5799119	A2	-	-	-	13	Medium magnetic anomaly without an associated sidescan sonar contact. Possibly indicative of a piece of buried ferrous debris. Anomaly found during previous East Anglia ONE phase, but not during the 2014 data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74541, 74547
76879	Dark reflector	470144	5806127	A2	1.9	0.2	0.3	-	Short linear dark reflector with bright shadow, hard edged anomaly that looks anthropogenic on an area of the seabed with frequent sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
76880	Dark reflector	470137	5803156	A2	5.1	0.6	0.3	-	Distinct dark reflector anomaly with a bright shadow and in a slight depression located on an area of the seabed with frequent sand waves. Hard edged anomaly with a diffuse inner composition. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
76881	Debris	470275	5807584	A2	2.5	1.4	0.4	5	Right angled hard edged dark reflector anomaly with a short but bright shadow. Anomaly has a scour and possibly in a depression. Anomaly located at the edge of a sand wave and on a rough and uneven part of the seabed. Associated with a small magnetic contact. Possible piece of ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77016	Debris	453948	5799763	A2	3.9	0.7	0.6	-	Medium sized piece of possible debris. Hard edged irregular shaped curvilinear dark reflector with a long, bright shadow. Distinct anomaly on a rough and uneven part of the seabed. Possibly associated magnetic contact but mag anomaly could be part of linear trend. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77024	Debris	454748	5797521	A2	1.9	0.8	0.4	-	Hard edged and very distinct possible debris remains. Irregular shaped curvilinear dark reflector with a short but bright shadow. Isolated anomaly located on a sand wave. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature and, as such, the feature has been retained based on its previous interpretation.		
77033	Rope/chain	455058	5798893	A2	16.3	0.3	0.2	-	Possible rope/chain remains, hard edged, long curvilinear dark reflector anomaly with a short shadow and possibly in a depression. On a noisy bit of data and rough part of the seabed, extent could be buried. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77036	Dark reflector	455324	5796738	A2	4.1	0.8	0.3	-	Medium sized distinctive dark reflector with a bright shadow. Hard edged anomaly that is isolated on a rough and uneven part of the seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77039	Rope/chain	455655	5795204	A2	14.0	0.1	0.1	39	Long and very thin possible rope/chain remains. Hard edged dark reflector with a shadow, quite discreet on the seabed. Associated with medium magnetic contact. Possible ferrous chain. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77041	Debris	456318	5795885	A2	6.2	1.5	0.6	-	Hard edged and distinctive dark reflector with a bright shadow. Main piece of debris is a circular anomaly with a hollow centre with a diffuse looking linear coming off this. Looks anthropogenic and anomalous to surrounding seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77042	Debris	456496	5800786	A2	2.3	0.4	0.9	-	Hard edged linear dark reflector with a bright shadow, looks quite unnatural and isolated on an area of the seabed with frequent sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77043	Dark reflector	456748	5796862	A2	4.4	0.4	0.3	-	Hard edged and distinct linear dark reflector with a very bright shadow. Slightly curved on one end. Isolated anomaly located in between sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77044	Debris	456775	5795531	A2	3.0	0.4	0.3	-	Hard edged linear dark reflector with a very bright shadow and in a depression, slightly curved appearance. Located on a rough and uneven part of the seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77046	Dark reflector	457123	5796468	A2	1.2	1.2	0.4	-	Hard edged and distinct dark reflector with a bright shadow, anomaly looks to be in a depression and has a small scour mark to the north. Located on sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77047	Dark reflector	457322	5796413	A2	3.0	0.2	0.3	-	Long and thin linear dark reflector anomaly, very distinct hard-edged anomaly. Possibly linear debris, looks more anthropogenic than surrounding anomalies on seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77048	Dark reflector	457517	5800533	A2	3.8	0.6	0.6	-	Hard edged and isolated dark reflector with a bright shadow. Main rectangular piece with two rope like pieces coming off this either side. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77049	Rope/chain	457536	5801935	A2	18.6	1.1	0.0	-	Possible rope/chain remains, diffuse dark reflector with no shadow, anomaly looks symmetrical and more anthropogenic than other seabed features/sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77050	Dark reflector	457554	5796947	A2	7.3	0.5	0.2	-	Hard edged and distinctive dark reflector with a shadow 2.4m x 0.5m x 0.2m with second anomaly of a hard edged and distinctive dark reflector with tapered linear appearance 4.9m x 0.5m x 0.2m which could be part of the same object but now possibly broken up. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77051	Dark reflector	457635	5796885	A2	1.1	0.6	0.6	-	Small diffuse looking dark reflector with a bright shadow, small scour to the S, could be natural geology. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77052	Debris	457653	5796428	A2	4.7	1.6	0.4	-	Right angled linear diffuse dark reflector with a bright shadow. Isolated anomaly on a flat and even part of the seabed. Scour to the south west. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77053	Debris	457772	5796893	A2	7.2	1.0	0.3	-	Indistinct possible debris remains located in between sand waves. Made up of two parallel thin linear dark reflectors. Looks anthropogenic and isolated on the seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77054	Dark reflector	457764	5795915	A2	3.6	0.4	0.5	-	Long and wide hard edged linear dark reflector with shadow. Distinct anomaly isolated on a sandy and sand wave rich part of the seabed, could be natural geology. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77055	Dark reflector	457957	5796115	A2	2.3	0.6	0.7	-	Medium sized hard edged dark reflector with a bright shadow, anomaly looks distinct on a sandy part of the seabed. very large southwest orientated scour measuring approximately 100m. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77056	Debris field	457970	5801895	A2	82.8	1.1	0.4	111	Possible spread of debris located in a linear alignment and across sand waves. Made up of six hard edged, distinctive dark reflectors, all with shadows, 2 linear, 4 rectangular; largest 2.8m x 0.8m, looks anthropogenic and possibly an abandoned cable. Associated with large magnetic anomaly. Possible area of ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
701000	Magnetic	458020	5801849	A2	-	-	-	10	Small dipole identified during the latest phase of geophysical data assessment. The feature is located approximately 65 m south-east of debris field <b>77056</b> . It is possible that this represents the same feature, or possibly a related item of debris which is either buried or has no surface expression. However, due to the distance between	-	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									the two features, this cannot be confirmed and, as such, have been retained as two separate features.		
77057	Dark reflector	458138	5798826	A2	2.5	0.2	0.2	16	Long and thin linear dark reflector anomaly with a large and bright shadow. Looks more anthropogenic than surrounding anomalies, located on the edge of a sand wave. Associated with a small magnetic contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77058	Dark reflector	458066	5796765	A2	2.3	0.5	0.4	-	Hard edged and distinctive dark reflector with a bright shadow, distinct anomaly located on small sand waves. Possibly natural geology. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77059	Debris	458332	5796260	A2	6.4	0.5	0.2	-	Hard edged dark reflector with a bright shadow. Possible debris remains. Main rectangular piece with diffuse linear coming off either side. Possibly associated with 77060 approximately 20m to the northeast. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77060	Dark reflector	458339	5796277	A2	2.4	0.3	0.3	-	Hard edged dark reflector anomaly with a bright shadow, anomaly has a diffuse linear piece coming off it, close to other debris/ dark reflectors. Possibly associated with 77064 approximately 20m to the southwest. Feature was identified during a previous phase of data assessment. No	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.		
77061	Debris	458281	5796266	A2	3.1	0.5	0.7	28	Possible debris, hard edged dark reflector with a bright shadow located in between sand waves. Debris has a slight scour to the north east. Associated with a medium magnetic anomaly. Possible piece of ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77062	Debris	458327	5797911	A2	3.1	3.0	0.4	-	Possible broken up piece of debris made up of thin, hard edged dark reflector. Distinct anomaly with a large scour mark associated (40m). Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77063	Debris	458462	5801208	A2	2.1	0.1	0.2	-	Thin, curvilinear piece of possible debris, located in between sand waves. Dark reflector with a short but bright shadow. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77064	Dark reflector	458565	5798415	A2	1.4	0.5	0.2	-	Medium sized hard edged dark reflector with a bright shadow. Isolated and distinct anomaly located on a rough and uneven part of the seabed. Possibly natural geology. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77065	Dark reflector	458865	5796647	A2	1.5	0.9	0.6	-	Hard edged square shaped dark reflector with a large, bright shadow. Isolated and distinct anomaly on a rough and uneven part of the seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77066	Dark reflector	459063	5798254	A2	2.7	0.3	0.3	-	Hard edged linear dark reflector with a discreet shadow. Isolated and distinct anomaly on a sandy and even part of the seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77067	Debris field	459050	5797040	A2	3.9	0.6	0.2	-	Three pieces of possible debris aligned on a rough and uneven part of the seabed. All three are very small hard edged dark reflectors with bright shadows approximately 0.4m x 0.4m. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77068	Debris	459270	5796975	A2	4.6	0.8	0.4	-	Possible piece of debris, medium sized hard edged dark reflector with a bright shadow, located on the edge of data. Very distinct and possibly in a depression. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77069	Dark reflector	459573	5801094	A2	0.7	0.4	0.3	-	Hard edged, irregular shaped dark reflector with shadow. Distinct anomaly on a rough and uneven part of the seabed. Feature was identified during a	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.		
77070	Debris	459656	5797285	A2	1.2	0.6	0.5	-	Hard edged rectangular shaped dark reflector with a very bright shadow. Isolated and distinct possible debris on a rough and uneven part of the seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77071	Dark reflector	459658	5801088	A2	0.8	0.4	0.3	-	Small and hard edged dark reflector with shadow, possibly broken up anomaly, located in between sandy waves. Possibly natural geology. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77072	Dark reflector	461048	5804439	A2	0.7	0.5	0.7	-	Very distinctive and hard edged dark reflector with a long and bright shadow, located on a rough and uneven part of the seabed. Possibly natural geology. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77073	Dark reflector	461335	5802246	A2	0.3	0.1	0.2	-	Hard edged thin curvilinear dark reflector with bright shadow, possible two dark reflectors on a rough and uneven part of the seabed. Possibly natural geology. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77074	Dark reflector	460370	5798739	A2	0.6	0.1	0.3	-	Hard edged and distinctive medium sized dark reflector with a bright shadow. Possibly situated in a depression with a small scour to the southwest. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77075	Debris field	461353	5803872	A2	11.2	2.0	0.6	-	Medium sized spread of possible debris in poor quality data. Made up of diffuse dark reflectors with bright shadows, quite indistinct on an area of the seabed with frequent sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77076	Dark reflector	460972	5804442	A2	1.0	0.6	0.7	-	Hard edged and distinctive dark reflector with a long and bright shadow. Isolated anomaly, could be possible geology. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77077	Debris field	461446	5803909	A2	10.0	3.7	0.3	-	Possible debris field in noisy data. 3 or 4 hard edged dark reflectors with shadows. Located on sand waves. Quite distinct anomalies that look anthropogenic on the seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77078	Dark reflector	461555	5798402	A2	0.6	0.3	0.2	-	Hard edged and distinctive dark reflector with a short but bright shadow. Located in between sand waves, very distinctive and isolated possible debris remains. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77079	Debris	461548	5799003	A2	3.4	1.5	0.7	-	Possible debris remains of two hard anomalies located on the edge of a sand wave. Dark reflectors with a long and bright shadow. Slight scouring to the north and south. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77080	Dark reflector	461727	5801538	A2	1.0	0.4	0.5	-	Hard edged and distinctive dark reflector with a bright shadow. Isolated anomaly on a sandy and fairly even part of the seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77081	Dark reflector	463153	5801562	A2	1.2	1.0	0.5	-	Medium sized dark reflector anomaly, visible as a hard-edged dark reflector with a bright shadow on a sandy and uneven part of the seabed. Possibly anthropogenic. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77082	Debris	461775	5803770	A2	1.7	1.4	0.2	-	Possible broken up small piece of debris. Hard edged dark reflectors with a bright shadow. Located on the edge of a sand wave, possibly more buried debris in vicinity. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77083	Debris	463383	5804857	A2	1.7	1.2	0.2	-	Possible debris remains, distinctive hard edged dark reflector anomalies on a fairly sandy and even part of the seabed. Looks to be broken up/abraded. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77084	Debris	463467	5800905	A2	3.5	1.0	0.3	-	Very distinctive, large hard edged dark reflector linear debris with a bright shadow. Debris becomes slightly more diffuse by its shadow, isolated anomaly located on a rough and uneven part of the seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77085	Dark reflector	463473	5800247	A2	1.4	1.0	0.4	-	Hard edged and distinctive dark reflector with a bright shadow. Slightly right-angled anomaly on a rough and uneven part of the seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77086	Debris field	463386	5808019	A2	10.9	10.8	0.9	-	Possible debris field made up of 3 hard edged dark reflector anomalies with shadows, one right angled linear, largest thick linear measuring 2m x 0.7m with a scour to the north (12m). Located on sand waves and possibly associated is 77087 approximately 63m to the southwest. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77087	Debris	463373	5807957	A2	0.7	0.4	0.5	-	Hard edged thick rectangular dark reflector with a bright shadow. Possible debris distinct on a sand wave dominant part of the seabed, possibly associated with debris field 77086 approximately 63m to the northeast. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77088	Debris	463534	5808276	A2	1.5	0.8	0.5	-	Possible debris remains, two hard edged dark reflectors side by side with distinct and bright shadows, anomaly looks anthropogenic on a rough and uneven part of the seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77089	Dark reflector	463657	5802903	A2	0.9	0.8	0.3	-	Hard edged slightly broken up dark reflector with a bright shadow. Located on a rough and uneven part of the seabed in between sand waves, slight scouring to then of anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									has been retained based on its previous interpretation.		
77090	Debris	463661	5798888	A2	2.1	0.2	0.0	-	Elongated anomaly with an indistinct oblong shadow, located on a sandy seabed. Possibly part of stretched data. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77091	Dark Reflector	463780	5806027	A2	1.4	1.0	0.7	-	Isolated anomaly with a distinct tapered shadow visible located amongst the sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77092	Debris	463756	5801178	A2	4.3	1.0	0.4	-	Distinct elongated anomaly with scour 13m preceding it. Distinct tapered shadow visible. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77093	Dark Reflector	463857	5799744	A2	0.7	0.7	0.3	-	Anomaly orientated perpendicular to the sand waves with rounded shadow. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77094	Dark Reflector	463867	5799481	A2	2.0	0.8	0.9	-	Elongated, possibly angular anomaly with a distinct long thin shadow visible. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77095	Debris	463755	5799253	A2	1.2	0.4	0.1	-	Elongated and curved anomaly with a rounded oblong shadow visible. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77096	Debris	463839	5808494	A2	2.0	1.5	0.3	-	Elongated anomaly with an oblong shadow and depression before. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77097	Dark Reflector	463762	5806942	A2	1.2	0.8	0.6	31	Distinct anomaly with a tapered shadow visible. Located amongst sand waves. Possibly associated with a medium magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77098	Dark Reflector	463773	5806949	A2	1.4	1.2	0.3	31	Discrete area containing two anomalies, the larger a rounded anomaly with an angular shadow visible 1.4m x 0.6m x 0.3m. And located adjacent a short linear anomaly with a rectangular shadow visible 0.8m x 0.6m x 0.3m. Located amongst sand waves. Possibly same fragmented object associated with a medium magnetic anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77099	Dark Reflector	464039	5806145	A2	1.6	0.4	0.4	-	Elongated anomaly located amongst the sand waves with tapered shadow visible. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77100	Dark Reflector	464052	5805098	A2	0.7	0.7	0.1	-	Distinct anomaly with a rounded shadow visible located amongst sand waves. Slight depression before anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77101	Dark Reflector	464019	5805078	A2	0.6	0.5	0.4	-	Angular anomaly with a rounded shadow visible. Located amongst the sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77102	Dark Reflector	464048	5802094	A2	0.8	0.7	0.2	-	Distinct isolated anomaly with a rounded shadow visible located amongst the sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77103	Debris	464046	5799559	A2	1.8	1.8	0.8	-	Distinct irregular anomaly with a long-tapered shadow visible at one end. Located amongst sand waves, possibly geological. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77104	Seabed disturbance	464140	5803169	A2	4.5	3.6	0.1	-	Irregular 'h' shaped anomaly consisting of thin linear 0.78m in with. Small oblong shadow visible. Located amongst sand waves and possibly buried anomaly or disturbance of sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77105	Dark Reflector	464140	5807435	A2	0.9	0.7	0.5	-	Cluster of three short linear anomalies in a triangular orientation, possibly debris, partially buried. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77106	Dark Reflector	464042	5808513	A2	0.6	0.5	0.4	-	Distinct anomaly with a distinct rounded shadow visible. Located amongst the sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									has been retained based on its previous interpretation.		
77107	Dark reflector	464048	5808457	A2	0.6	0.5	0.2	-	Distinct anomaly with rectangular shadow visible located amongst the sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77108	Dark Reflector	464132	5808773	A2	1.5	0.2	0.6	-	Elongated anomaly with distinct tapered shadow visible amongst the sand waves, with scour. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77109	Dark Reflector	464239	5804871	A2	0.7	0.4	0.7	-	Distinct anomaly located amongst sand waves with a distinct sub-oval shadow visible. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77110	Dark Reflector	464239	5802215	A2	0.8	0.5	0.7	-	Isolated anomaly amongst the sand waves with a distinct tapered shadow visible. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77111	Wreck	464178	5808047	A1	20.0	14.8	2.3	71	Distinct anomaly amongst sand waves made up of two larger anomalies approximately 20m apart. Larger anomaly is a rectilinear dark reflector showing potential structure and measuring 4.8m x 1.1m x 2.3m. Second anomaly is a clear irregular and angular shadow showing a possibly upright and partly hollow structure 1.4m x 1.1m x 1.5m. Potentially a wreck due to visible structure and to an associated magnetic contact indicating the presence of ferrous material. No recorded wreck or obstruction at this location. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77112	Dark Reflector	464428	5802388	A2	1.9	0.3	1.0	-	Distinct crescent shaped anomaly with a clear rounded shadow visible. Located on sandy seafloor surrounded by small, indistinct anomalies. Possibly geological. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77114	Debris	464658	5804925	A2	2.2	0.5	0.3	-	Elongated anomaly with a distinct rectangular shadow at one end. Located on a quiet seafloor. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77117	Dark Reflector	464548	5808559	A2	1.0	0.2	0.6	-	Distinct anomaly amongst sand waves with a clear tapered shadow visible. Surrounded by depression. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature and, as such, the feature has been retained based on its previous interpretation.		
77118	Debris	464710	5806164	A2	0.8	0.4	0.3	-	Elongated anomaly it a thin oblong shadow visible. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77119	Dark Reflector	464628	5806746	A2	0.7	0.1	0.6	-	Distinct and irregular anomaly with a tapered shadow visible. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77120	Dark Reflector	464657	5807528	A2	1.2	0.5	0.3	-	Indistinct anomaly with clear sub-oval shadow visible located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77121	Dark Reflector	464718	5807923	A2	1.1	0.5	0.1	-	Anomaly located amongst the sand waves with a thin oblong shadow visible. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77122	Dark Reflector	464739	5800655	A2	1.3	1.0	0.4	-	Isolated anomaly amongst the sand waves with a tapered shadow visible. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature and, as such, the feature has been retained based on its previous interpretation.		
77123	Dark Reflector	464861	5806194	A2	3.8	0.4	0.3	-	Two adjacent anomalies, one anomaly 0.4m x 0.4m x 0.3m amongst sand waves with clear tapered shadow visible and second an elongated anomaly 0.8m x 0.1m x 0.2m with a rectangular shadow visible. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77124	Dark Reflector	464870	5806235	A2	0.9	0.7	0.3	-	Irregular anomaly (possibly 'T' shaped) with a rounded shadow visible. Further bright reflector to the side of the anomaly. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77125	Dark Reflector	465080	5808619	A2	1.4	0.9	0.4	-	Slightly elongated anomaly with an indistinct rectangular shadow stretching out of the data range. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77126	Dark Reflector	465148	5805065	A2	0.7	0.2	0.4	-	Distinct anomaly with rectangular shadow and surrounding scour marks. Located in sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77127	Dark Reflector	465043	5805090	A2	1.4	1.3	0.2	-	Curved anomaly amongst the sand waves with a thin oblong shadow. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77128	Dark Reflector	465124	5805136	A2	1.2	0.3	0.7	-	Small anomaly with a distinct rounded shadow visible. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77129	Dark Reflector	465063	5805630	A2	0.7	0.5	0.2	-	Isolated angular anomaly amongst sand waves with thin shadow visible. Possibly disjointed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77130	Dark Reflector	465245	5807430	A2	0.9	0.6	0.6	-	Distinct anomaly with a tapered shadow visible. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77131	Debris	465180	5804563	A2	1.0	0.3	0.8	-	Isolated distinct anomaly amongst the sand waves with clear tapered shadow visible and scour. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77132	Dark Reflector	465385	5801738	A2	0.9	0.6	0.1	-	Isolated anomaly with a thin oblong shadow. Feature was identified during a previous phase of	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.		
77134	Dark Reflector	465508	5806943	A2	1.7	0.3	0.7	-	Indistinct elongated anomaly with a distinct tapered shadow. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77135	Dark Reflector	465459	5808293	A2	1.4	1.3	0.2	-	Isolated anomaly amongst the sand waves with a slight shadow and surrounded by depression. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77136	Dark Reflector	465477	5801505	A2	3.5	0.8	0.3	-	Two anomalies adjacent, a distinct anomaly 0.8m x 0.7m x 0.3m amongst sand waves with a rounded shadow and a Distinct anomaly with clear rectangular shadow 0.7m x 0.5m x 0.5m. Located amongst sand waves near ridge. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77137	Dark Reflector	465627	5802537	A2	1.0	0.2	0.6	-	Isolated anomaly with a tapered shadow visible. Surrounded by a depression. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77139	Dark Reflector	465847	5805386	A2	0.8	0.7	0.3	-	Small anomaly amongst the sand waves with a small tapered shadow visible. In the vicinity of two other anomalies (77138 and 77141). Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77140	Dark Reflector	465846	5805370	A2	0.8	0.3	0.2	-	Irregular anomaly amongst sand waves with an irregular shadow. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77141	Dark Reflector	465843	5805356	A2	1.8	1.1	0.3	-	Irregular anomaly with a distinct tapered shadow. Located amongst the sand waves and in the vicinity of two other anomalies (77145 and 77146). Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77142	Debris	465934	5806042	A2	2.5	1.4	0.5	-	Irregular anomaly located amongst the sand waves with a distinct irregular shadow showing some possible change in height. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77143	Dark Reflector	465831	5806797	A2	2.2	0.5	0.3	-	Isolated elongated anomaly located amongst the sand waves. Rectangular shadow. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									has been retained based on its previous interpretation.		
77144	Dark Reflector	465839	5807536	A2	2.2	0.6	0.2	-	Elongated anomaly with a distinct triangular shadow. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77145	Dark Reflector	465952	5807532	A2	0.9	0.6	0.3	-	Elongated anomaly with an indistinct rectangular shadow. Located on a sandy seabed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77155	Dark Reflector	466763	5804221	A2	1.0	0.9	0.6	-	An indistinct anomaly with a clear angular shadow visible. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77156	Dark Reflector	466931	5805891	A2	1.2	0.6	0.3	-	Isolated anomaly with a distinct rounded shadow. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77157	Dark Reflector	466948	5804170	A2	1.5	0.4	0.4	-	Distinct isolated anomaly amongst sand waves with clear tapered shadow visible and scour. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77164	Dark Reflector	467549	5808666	A2	0.4	0.2	0.2	-	Irregular anomaly amongst the sand waves with an irregular shadow showing some possible height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77166	Dark Reflector	467625	5808764	A2	2.7	0.5	0.3	-	Elongated anomaly, possibly disjointed at the centre, with an indistinct triangular shadow visible. Located amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77169	Dark Reflector	467732	5806567	A2	0.7	0.5	0.3	134	Isolated distinct anomaly amongst the sand wave with a clear square shadow. Associated with a large magnetic contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77170	Dark Reflector	467763	5805287	A2	1.1	0.5	0.5	-	Isolated anomaly an indistinct rounded shadow visible amongst the sand waves. Near the ridge of a large sand wave. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77174	Debris	468068	5807210	A2	1.5	0.8	0.1	-	Isolated elongated anomaly with a small shadow visible amongst the sand waves. Small oblong depression before anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77182	Dark Reflector	468162	5807703	A2	2.1	0.7	0.4	-	Two anomalies side by side, possibly once part of the same object. Anomaly 0.6m x 0.2m x 0.4m with an indistinct tapered shadow located adjacent to distinct anomaly 1.5m x 0.7m x 0.4m with an undefined rectangular shadow visible. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77183	Dark Reflector	468258	5807622	A2	1.2	1.1	0.3	-	Anomaly with a distinct sub-oval shadow visible. Slight oblong depression before anomaly. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77186	Dark Reflector	468434	5807098	A2	1.6	1.2	0.4	-	Isolated anomaly amongst the sand waves with a distinct sub-oval shadow visible and slight scour. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77192	Debris	468670	5805307	A2	3.8	0.2	0.2	-	Distinct elongated anomaly with a clear irregular shadow visible showing some possible height variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									such, the feature has been retained based on its previous interpretation.		
77202	Dark Reflector	468849	5808521	A2	2.8	1.0	0.3	-	Two anomalies adjacent, a small anomaly with a tapered shadow 1m x 0.3m x 0.3m visible directly adjacent to a larger elongated anomaly 2.5m x 0.4m x 0.6m.with an angular shadow visible. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77203	Dark Reflector	468780	5807950	A2	0.9	0.7	0.2	-	Indistinct elongated anomaly with a clear oblong shadow visible with some variation. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77204	Dark Reflector	468839	5807543	A2	1.2	0.7	0.5	-	Distinct anomaly with a clear angular shadow visible at the base of a large sand wave. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77646	Magnetic	469905	5803322	A2	-	-	-	12	Small anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77708	Magnetic	469901	5808620	A2	-	-	-	13	Small distinct dipole anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77712	Magnetic	470097	5808092	A2	-	-	-	8	Small distinct dipole anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77713	Magnetic	470409	5807436	A2	-	-	-	17	Small distinct dipole anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77714	Dark reflector	469265	5807609	A2	4.9	3.2	0.0	-	Prominent thick linear dark reflector with possible curvilinear attached. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77716	Dark reflector	470065	5807406	A2	5.6	0.8	0.3	11	Strong, thick linear with intermittent shadow along its length, possibly natural - boulder or bedrock partially exposed. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77722	Magnetic	470597	5803918	A2	-	-	-	277	Very large distinct dipole anomaly amongst the sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77731	Dark reflector	469851	5804471	A2	3.2	0.3	0.1	-	Short linear anomaly, adjacent to 77232, located approximately 10m south. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77732	Dark reflector	469850	5804462	A2	2.6	0.5	0.1	-	Short, thick curvilinear anomaly, adjacent to 77231, located approximately 10m north. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77733	Dark reflector	469961	5804406	A2	4.5	1.2	0.2	-	Approximately oval shaped anomaly, possible slight scour off one side. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77734	Dark reflector	469940	5804577	A2	3.7	0.9	0.4	-	Diffuse approximately linear anomaly with a triangular shaped shadow, possibly piece of debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77741	Magnetic	470505	5806512	A2	-	-	-	28	Distinct dipole anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77742	Debris	469885	5805015	A2	8.6	5.2	0.2	-	Discrete area, possibly in slight depression containing several small linear and curvilinear anomalies. No structure visible just a series of dark reflectors, possibly debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77743	Dark reflector	469937	5805320	A2	3.0	0.3	0.3	-	Short, thick linear anomaly, amongst sand ripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77744	Magnetic	469509	5805074	A2	-	-	-	16	Distinct dipole anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77745	Magnetic	470013	5804992	A2	-	-	-	28	Distinct dipole anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77746	Magnetic	469405	5805404	A2	-	-	-	112	Distinct dipole anomaly amongst sand waves. Possibly part of nearby linear. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77747	Dark reflector	469660	5806622	A2	2.6	1.1	0.2	-	Square shaped anomaly, possible scour off one side. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77748	Dark reflector	469961	5806043	A2	3.3	0.4	0.3	-	Approximately rectangular shaped anomaly with rounded shadow. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77749	Debris	469855	5806298	A2	2.3	0.8	0.8	-	Approximately circular shaped anomaly in scoured depression. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77750	Debris	469972	5806280	A2	3.7	0.8	0.0	-	Approximately rectangular anomaly and appearing partially buried. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77751	Magnetic	469905	5806782	A2	-	-	-	41	Distinct irregular anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									such, the feature has been retained based on its previous interpretation.		
77752	Magnetic	469689	5806092	A2	-	-	-	5	Distinct dipole anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77753	Debris	469801	5806430	A2	17.0	6.0	0.4	195	Large distinct dipole anomaly with a small flat-topped mound identified amongst the sand waves on the multibeam bathymetry. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77766	Magnetic	458297	5802312	A2	-	-	-	211	Distinct large dipolar anomaly, possibly buried ferrous debris, amongst area of sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77767	Magnetic	457508	5802192	A2	-	-	-	30	Asymmetric dipolar anomaly amongst area of sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77768	Magnetic	468297	5805938	A2	-	-	-	271	Distinct large dipolar anomaly, possibly buried ferrous debris, amongst area of sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77770	Magnetic	466405	5808653	A2	-	-	-	235	Large distinct dipolar anomaly in an area of sand waves, no recorded wrecks or obstructions at this location, possibly buried ferrous debris. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77794	Magnetic	457403	5797497	A2	-	-	-	16	Two medium dipolar anomalies of same strength close to rocky outcrop. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77795	Magnetic	457401	5798096	A2	-	-	-	14	Small distinct dipolar anomaly, amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77796	Magnetic	456821	5797882	A2	-	-	-	51	Narrow medium strength positive monopolar anomaly amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77797	Magnetic	456821	5797945	A2	-	-	-	12	Distinct dipolar anomaly amongst sand waves. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77811	Magnetic	456497	5799476	A2	-	-	-	22	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77812	Magnetic	454781	5798472	A2	-	-	-	42	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77813	Magnetic	454781	5799102	A2	-	-	-	42	Distinct dipolar anomaly amongst medium sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77814	Magnetic	454909	5798858	A2	-	-	-	35	Distinct dipolar anomaly amongst medium sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77815	Magnetic	455014	5796110	A2	-	-	-	49	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77816	Magnetic	457705	5796962	A2	-	-	-	54	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77817	Magnetic	457821	5798496	A2	-	-	-	38	Narrow peaked positive monopolar anomaly, possibly associated with a crescent shaped mound amongst sand waves and rocky region visible on the multibeam bathymetry. Disturbs the surrounding sand waves, possibly natural. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77818	Magnetic	456193	5800914	A2	-	-	-	8	Asymmetric dipolar anomaly amongst sand waves near ridge of large sand wave. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77819	Magnetic	457269	5800312	A2	-	-	-	24	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									such, the feature has been retained based on its previous interpretation.		
77820	Magnetic	457084	5800333	A2	-	-	-	23	Narrow peaked negative monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77821	Magnetic	457089	5800479	A2	-	-	-	15	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77822	Magnetic	457197	5800406	A2	-	-	-	15	Distinct complex dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77823	Magnetic	458705	5797946	A2	-	-	-	14	Medium strength dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77824	Magnetic	459509	5803484	A2	-	-	-	38	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77825	Magnetic	460195	5803306	A2	-	-	-	12	Narrow peaked positive monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77826	Magnetic	459893	5803304	A2	-	-	-	50	Medium strength asymmetrical dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77827	Magnetic	459897	5802959	A2	-	-	-	13	Asymmetrical dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77828	Magnetic	460409	5802116	A2	-	-	-	121	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature has been retained based on its previous interpretation.		
77829	Magnetic	461697	5802332	A2	-	-	-	62	Asymmetrical dipolar anomaly on ridge of sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77830	Magnetic	465009	5802640	A2	-	-	-	140	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77831	Magnetic	468984	5807283	A2	-	-	-	26	Small magnetic anomaly identified during this phase of assessment, corresponding with a small, noisy dipolar anomaly amongst sand waves identified during the 2014 data assessment. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77836	Magnetic	465597	5804884	A2	-	-	-	130	Complex looking dipolar anomaly in an area of sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77837	Magnetic	463197	5805984	A2	-	-	-	78	Medium distinct dipolar anomaly, amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77838	Magnetic	461809	5804896	A2	-	-	-	26	Distinct asymmetrical dipolar anomaly amongst sand waves by a large sand wave. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77839	Magnetic	462109	5805064	A2	-	-	-	21	Distinct asymmetrical dipolar anomaly amongst medium sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77840	Magnetic	463705	5803308	A2	-	-	-	61	Asymmetric dipolar anomaly amongst medium sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77842	Magnetic	458296	5802255	A2	-	-	-	21	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature has been retained based on its previous interpretation.		
77845	Magnetic	455305	5795279	A2	-	-	-	60	Distinct dipole anomaly by rocky outcrop. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77849	Magnetic	455550	5795111	A2	-	-	-	22	Asymmetric dipolar anomaly in an area of sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77850	Magnetic	456105	5795642	A2	-	-	-	8	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77851	Magnetic	456397	5796686	A2	-	-	-	29	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77852	Magnetic	456905	5796288	A2	-	-	-	15	Two adjacent distinct dipolar anomalies amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature and, as such, the feature has been retained based on its previous interpretation.		
77853	Magnetic	457197	5796600	A2	-	-	-	19	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77854	Magnetic	457289	5796540	A2	-	-	-	13	Dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77855	Magnetic	457497	5796372	A2	-	-	-	59	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77856	Magnetic	456617	5796216	A2	-	-	-	25	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77857	Magnetic	456617	5796158	A2	-	-	-	21	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature has been retained based on its previous interpretation.		
77858	Magnetic	458197	5796174	A2	-	-	-	25	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77859	Magnetic	454777	5796846	A2	-	-	-	31	Distinct dipolar anomaly, amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77860	Magnetic	456017	5797114	A2	-	-	-	13	Narrow peaked monopolar anomaly, amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77861	Magnetic	457069	5798318	A2	-	-	-	27	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77862	Magnetic	457189	5798288	A2	-	-	-	35	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77863	Magnetic	460509	5798882	A2	-	-	-	82	Distinct dipolar anomaly in noisy area and amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77864	Magnetic	463505	5807556	A2	-	-	-	124	Distinct dipolar anomaly, amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77865	Magnetic	463901	5806260	A2	-	-	-	22	Distinct dipolar anomaly, amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77866	Magnetic	464101	5799386	A2	-	-	-	117	Distinct dipolar anomaly, amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77867	Magnetic	464305	5805096	A2	-	-	-	26	Asymmetric dipolar anomaly in small outcrop between sand waves, noise present in the line. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77868	Magnetic	465101	5806300	A2	-	-	-	63	Asymmetric distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77869	Magnetic	466105	5805586	A2	-	-	-	26	Narrow peaked positive monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77870	Magnetic	466309	5806106	A2	-	-	-	64	Narrow peaked positive monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
77872	Magnetic	468009	5807422	A2	-	-	-	35	Small magnetic anomaly identified during the most recent data assessment. Feature corresponds with a distinct dipolar anomaly, at base of large sand wave identified during the 2014 data assessment. No associated SSS or multibeam bathymetry contact.	-	74547, 117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
77873	Magnetic	468005	5806529	A2	-	-	-	31	Narrow positive monopolar anomaly, at ridge of a sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78061	Magnetic	453985	5799418	A2	-	-	-	7	Small distinct asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78062	Magnetic	454097	5799192	A2	-	-	-	10	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78068	Magnetic	454781	5798704	A2	-	-	-	18	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78070	Magnetic	454909	5797826	A2	-	-	-	10	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78072	Magnetic	455609	5799682	A2	-	-	-	9	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78073	Magnetic	455781	5796152	A2	-	-	-	9	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78074	Magnetic	455609	5796874	A2	-	-	-	11	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78075	Magnetic	455913	5798738	A2	-	-	-	5	Small distinct negative monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78076	Magnetic	455605	5797928	A2	-	-	-	12	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78077	Magnetic	456105	5797418	A2	-	-	-	6	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78078	Magnetic	456297	5795488	A2	-	-	-	12	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78079	Magnetic	456285	5797920	A2	-	-	-	12	Complex asymmetric dipolar anomaly in magnetically quiet area of sand ripples. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78080	Magnetic	456285	5800856	A2	-	-	-	5	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78081	Magnetic	456397	5796064	A2	-	-	-	11	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78082	Magnetic	456709	5798156	A2	-	-	-	17	Distinct asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78083	Magnetic	456709	5800378	A2	-	-	-	12	Dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78084	Magnetic	456821	5801690	A2	-	-	-	21	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78085	Magnetic	456901	5801414	A2	-	-	-	10	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78086	Magnetic	457009	5801636	A2	-	-	-	22	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78087	Magnetic	457089	5798220	A2	-	-	-	14	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78088	Magnetic	457089	5798462	A2	-	-	-	8	Small asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78089	Magnetic	457085	5800840	A2	-	-	-	9	Small asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78090	Magnetic	457193	5800604	A2	-	-	-	5	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78091	Magnetic	457281	5799378	A2	-	-	-	9	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78092	Magnetic	457285	5800032	A2	-	-	-	5	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78093	Magnetic	457285	5800158	A2	-	-	-	7	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78094	Magnetic	457401	5799620	A2	-	-	-	7	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78069	Magnetic	454913	5800132	A2	-	-	-	6	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78095	Magnetic	457621	5799558	A2	-	-	-	13	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78096	Magnetic	457621	5797660	A2	-	-	-	5	Small dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78097	Magnetic	457825	5800912	A2	-	-	-	11	Distinct asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78098	Magnetic	458097	5796500	A2	-	-	-	12	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78099	Magnetic	458505	5802901	A2	-	-	-	10	Negative monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78100	Magnetic	458660	5802793	A2	-	-	-	17	Narrow peaked monopolar anomaly, amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78101	Magnetic	458617	5800914	A2	-	-	-	14	Negative monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78102	Magnetic	458901	5798006	A2	-	-	-	18	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78103	Magnetic	458901	5798074	A2	-	-	-	9	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78104	Magnetic	459001	5802040	A2	-	-	-	8	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78105	Magnetic	459089	5800392	A2	-	-	-	7	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78106	Magnetic	459197	5800848	A2	-	-	-	9	Small asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78107	Magnetic	459201	5796884	A2	-	-	-	12	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78108	Magnetic	459197	5800134	A2	-	-	-	12	Complex looking dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78109	Magnetic	459409	5802598	A2	-	-	-	16	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78110	Magnetic	459505	5797950	A2	-	-	-	9	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78111	Magnetic	459617	5802344	A2	-	-	-	16	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78112	Magnetic	459617	5801764	A2	-	-	-	10	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78113	Magnetic	459701	5802530	A2	-	-	-	5	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78114	Magnetic	459703	5803196	A2	-	-	-	11	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78115	Magnetic	459805	5798056	A2	-	-	-	21	Dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78116	Magnetic	460001	5799748	A2	-	-	-	17	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78117	Magnetic	459997	5797876	A2	-	-	-	32	Negative monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78118	Magnetic	460089	5802204	A2	-	-	-	31	Negative monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78119	Magnetic	460297	5804062	A2	-	-	-	12	Small distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78120	Magnetic	460805	5803984	A2	-	-	-	49	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78121	Magnetic	461705	5799684	A2	-	-	-	45	Negative monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78122	Magnetic	462501	5802600	A2	-	-	-	46	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78123	Magnetic	462897	5807012	A2	-	-	-	15	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78124	Magnetic	463017	5798547	A2	-	-	-	16	Positive monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78125	Magnetic	463289	5807868	A2	-	-	-	19	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78126	Magnetic	463513	5799312	A2	-	-	-	59	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78127	Magnetic	463509	5800136	A2	-	-	-	18	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78128	Magnetic	463501	5800504	A2	-	-	-	20	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78129	Magnetic	463905	5806944	A2	-	-	-	12	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78130	Magnetic	464001	5800728	A2	-	-	-	94	Medium magnetic anomaly identified during the latest phase of data assessment, corresponding with a magnetic anomaly identified during the 2014 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	74547, 117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
78131	Magnetic	464597	5808852	A2	-	-	-	21	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78134	Magnetic	464297	5807678	A2	-	-	-	23	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78135	Magnetic	465309	5802376	A2	-	-	-	30	Asymmetric dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78136	Magnetic	465493	5806012	A2	-	-	-	14	Negative monopolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78137	Magnetic	466101	5808656	A2	-	-	-	15	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
701001	Magnetic	466063	5808685	A2	-	-	-	99	Medium dipole identified during the latest phase of geophysical data assessment. The feature is located approximately 50 m north-west of magnetic anomaly <b>78137</b> . It is possible that this represents the same feature, or possibly a related item of debris which is either buried or has no surface expression. However, due to the distance between the two features, this cannot be confirmed and, as such, have been retained as two separate features.	-	117810
78144	Magnetic	467793	5808860	A2	-	-	-	64	Medium sized distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78147	Magnetic	468297	5808044	A2	-	-	-	29	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78150	Magnetic	468705	5806908	A2	-	-	-	16	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the feature has been retained based on its previous interpretation.	-	74547
78151	Magnetic	468705	5808444	A2	-	-	-	18	Distinct dipolar anomaly amongst sand waves. No associated SSS or multibeam bathymetry contact. Feature was identified during a previous phase of data assessment. No new geophysical data has been acquired over this feature and, as such, the	-	74547



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									feature has been retained based on its previous interpretation.		
701002	Magnetic	459994	5798465	A2	-	-	-	23	Small magnetic anomaly identified on the magnetometer data during the latest phase of data assessment. Nothing identified on the geophysical data during the previous phases of data assessment, possibly due to differences in line orientation and spacing. Possible ferrous debris which is either buried or has no surface expression.	-	117810
701003	Magnetic	460939	5803620	A2	-	-	-	76	Medium magnetic anomaly identified on the magnetometer data during the latest phase of data assessment. Nothing identified on the geophysical data during the previous phases of data assessment, possibly due to differences in line orientation and spacing. Possible ferrous debris which is either buried or has no surface expression.	-	117810
701004	Magnetic	462983	5802325	A2	-	-	-	50	Medium magnetic anomaly identified on the magnetometer data during the latest phase of data assessment. Nothing identified on the geophysical data during the previous phases of data assessment, possibly due to differences in line orientation and spacing. Possible ferrous debris which is either buried or has no surface expression.	-	117810
701005	Magnetic	468037	5806900	A2	-	-	-	65	Medium magnetic anomaly identified on the magnetometer data during the latest phase of data assessment. Nothing identified on the geophysical data during the previous phases of data assessment, possibly due to differences in line orientation and spacing. Possible ferrous debris which is either buried or has no surface expression.	-	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
701006	Dark reflector	453784	5800137	A2	3	1.6	0	-	Two elongated dark reflector objects parallel to one another with a possible bright reflector in between, individually measuring 0.6 m wide. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701007	Bright reflector	453785	5801139	A2	5.8	0.9	0	-	An elongated, rounded bright reflector, very distinct on a rough and uneven area of seabed, possibly debris. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701008	Magnetic	454037	5801212	A2	-	-	-	28	Small magnetic anomaly identified on the magnetometer data. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	117810
701009	Debris	454252	5801761	A2	1.5	1.3	1	-	A distinct dark reflector with two possible thin linear pieces sticking out either end. Feature has a relatively broad, bright pointed shadow and significant height. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Feature has the potential of being an item of debris.	-	117810
701010	Debris	454207	5801768	A2	4.7	0.4	0.4	-	A curvilinear shaped dark reflector with a short shadow. Feature possibly sat within a slight depression. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Feature has the potential of being an item of debris.	-	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
701011	Debris	454192	5801728	A2	3.7	1.6	0.5	-	A distinct, slightly irregularly shaped dark reflector with a bright shadow. Feature situated within a slight depression. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Feature has the potential of being an item of debris.	-	117810
701012	Debris field	453481	5802742	A2	9.3	2.6	0.2	-	Two dark reflectors with height situated within a slight seabed disturbance. One dark reflector is seen to be curved, narrow and elongated, possibly with a larger section at one end. The other is a slightly elongated and angular dark reflector with a relatively broad shadow. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly a collection of debris items.	-	117810
70244	Debris	453082	5802621	A2	5.4	0.5	0.0	-	Short curvilinear anomaly in an area with small sand waves, however was not identified during the latest phase of assessment. It is possible that this is due to burial by mobile sediments and, as such, the feature has been retained as potential archaeology based on the previous interpretation.	-	74540
70245	Debris	452969	5802967	A2	0.4	0.2	0.4	-	Irregular shaped anomaly in an area with sand waves however was not identified during the latest phase of assessment. It is possible that this is due to burial by mobile sediments and, as such, the feature has been retained as potential archaeology based on the previous interpretation.	-	74540
701013	Magnetic	453071	5802941	A2	-	-	-	9	Small magnetic anomaly identified on the magnetometer data. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	117810
70246	Magnetic	452971	5803178	A2	-	-	-	7	Isolated weak magnetic anomaly identified during the 2011 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris	-	74540



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									which is either buried or has no surface expression.		
70247	Debris	452919	5803233	A2	1.2	0.5	0.2	-	Irregular shaped object in an area of narrow sand waves was identified during the 2011 data assessment, however was not identified during the latest phase of assessment. It is possible that this is due to burial by mobile sediments and, as such, the feature has been retained as potential archaeology based on the previous interpretation.	-	74540
701014	Bright reflector	453647	5803367	A2	4.5	2.5	0	-	A distinct oval shaped bright reflector within sand waves and possible sediment build up next to it, possibly natural however looks anomalous compared to surrounding features.	-	117810
70248	Magnetic	453074	5803474	A2	-	-	-	101	Strong isolated magnetic anomaly identified during the 2011 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	74540
70249	Magnetic	453074	5803749	A2	-	-	-	76	Moderate strength isolated magnetic anomaly identified during the 2011 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	74540
70250	Magnetic	453074	5803804	A2	-	-	-	33	Moderate strength isolated magnetic anomaly identified during the 2011 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	74540
70251	Magnetic	452967	5803911	A2	-	-	-	35	Moderate strength isolated magnetic anomaly identified during the 2011 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	74540



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
70252	Magnetic	453073	5804002	A2	-	-	-	14	Isolated weak magnetic anomaly identified during the 2011 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	74540
70253	Magnetic	452971	5804058	A2	-	-	-	11	Isolated weak magnetic anomaly identified during the 2011 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	74540
70254	Debris	452933	5804286	A2	0.7	0.2	0.1	-	Sub-oval shaped anomaly, located in an area of sand waves was identified during the 2011 data assessment, however was not identified during the latest phase of assessment. It is possible that this is due to burial by mobile sediments and, as such, the feature has been retained as potential archaeology based on the previous interpretation.	-	74540
701015	Magnetic	453008	5805794	A2	-	-	-	33	Small magnetic anomaly identified on the magnetometer data. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	117810
70256	Magnetic	452966	5805642	A2	-	-	-	5	Isolated weak magnetic anomaly identified during the 2011 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	74540
70257	Debris	452959	5805989	A2	1.2	0.4	0.1	-	Irregular shaped anomaly in an area of sand waves. The anomaly appears to be distorted in appearance due to issues with the data quality. Identified during the 2011 data assessment, however was not identified during the latest phase of assessment. It is possible that this is due to burial by mobile sediments and, as such, the feature has been retained as potential archaeology based on the previous interpretation.	-	74540



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
701016	Debris	452598	5806011	A2	15.6	0.8	0.3	-	A small dark reflector object 1.6 x 0.8 m, with an associated linear dark reflector possibly representing an associated length of rope or chain. The object has a short shadow, possible item of debris. Scour extends 48 m to the N. The feature is located approximately 31 m south of a UKHO position of a fisherman's fastener (record number 11201). The record states that in 1989, the French vessel <i>Discovery</i> had to cut and abandon its fishing gear in order to get free from the fastener. It is possible that this debris item is therefore an item of fishing gear related to this incident. However, as that cannot be confirmed, it has been retained as an item of potential archaeological interest. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possible item of debris.	UKHO 11201	117810
701017	Debris	452519	5806018	A2	2.2	0.6	0.3	-	A small slightly angular dark reflector anomaly with a very broad shadow or possible bright reflector directly next to it. Situated within sand waves. The feature is located approximately 78 m south-west of a UKHO position of a fisherman's fastener (record number 11201). The record states that in 1989, the French vessel <i>Discovery</i> had to cut and abandon its fishing gear in order to get free from the fastener. It is possible that this debris item is therefore an item of fishing gear related to this incident. However, as that cannot be confirmed, it has been retained as an item of potential archaeological interest. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possible item of debris.	UKHO 11201	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
701018	Rope/chain	452702	5806107	A2	28.6	0.4	0.3	-	A very long, thin and curvilinear shaped dark reflector with a shadow, feature is either buried in parts of broken up. The feature is located approximately 122 m north-east of a UKHO position of a fisherman's fastener (record number 11201). The record states that in 1989, the French vessel Discovery had to cut and abandon its fishing gear in order to get free from the fastener. It is possible that this debris item is therefore an item of fishing gear related to this incident. However, as that cannot be confirmed, it has been retained as an item of potential archaeological interest. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possible length of rope and chain.	UKHO 11201	117810
701019	Debris field	452928	5806812	A2	35.9	25.7	0.8	-	A large area of disturbed seabed with several, poorly defined but slightly linear dark reflectors with height. Some possible irregularly shaped bright reflectors are also seen. Features appear to be perpendicular to the natural ripples. Possible debris field.	-	117810
701020	Debris	451531	5807164	A2	7.6	0.7	0.6	-	A thin, curvilinear dark reflector with a bright shadow. Possibly with an object, measuring 2.7 x 0.5 m at one end, however they are not clearly separate and, as such, have been retained as one anomaly. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly an item of debris.	-	117810
701021	Dark reflector	451490	5807649	A2	9.1	0.4	0.2	-	A slightly 'V' shaped curvilinear dark reflector with a short but bright shadow. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural	-	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									however has the potential of being an item of debris.		
701022	Magnetic	452049	5807747	A2	-	-	-	12	Small magnetic anomaly identified on the magnetometer data. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	117810
701023	Dark reflector	453930	5809100	A2	6.2	5.5	0.4	-	An irregularly shaped dark reflector, possibly with associated bright reflectors extending out from the feature however this might be associated scour. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
70264	Debris	452992	5808572	A2	0.6	0.2	0.2	-	Irregular shaped anomaly with associated scour in an area of sand waves. Identified during the 2011 data assessment, however was not identified during the latest phase of assessment. It is possible that this is due to burial by mobile sediments and, as such, the feature has been retained as potential archaeology based on the previous interpretation.	-	74540
70263	Debris	453031	5808532	A2	3.3	0.4	0.2	-	A short linear dark reflector with a relatively broad shadow identified during this phase of assessment. Corresponds with a linear anomaly with an associated scour identified during the 2011 data assessment. Possible short linear item of debris.	-	74540, 117810
701024	Debris field	452938	5808305	A2	10.8	0.8	0.1	-	A possible debris field comprising three dark reflectors, two rounded objects and a thin linear feature, aligned on a rough and uneven area of the seabed (3.4 x 0.3 m). Possible small debris field.	-	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
70262	Debris	452996	5808243	A2	2.2	1	0.8	-	A small, distinct dark reflector with a bright, distinct shadow. Feature corresponds with a sub-circular anomaly with associated scour in an area with small sand waves identified during the 2011 data assessment. Possible item of debris.	-	74540, 117810
70258	Debris	453065	5807925	A2	2.6	0.2	0.1	-	Short linear anomaly in an area of sand waves. The anomaly appears to have been stretched due to problems with data quality. Identified during the 2011 data assessment, however was not identified during the latest phase of assessment. It is possible that this is due to burial by mobile sediments and, as such, the feature has been retained as potential archaeology based on the previous interpretation.	-	74540
70259	Seabed disturbance	453062	5807969	A2	11.3	3.9	1	-	A small, slightly angular dark reflector measuring 11.3 x 3.9 m, with a bright shadow identified during this phase of data assessment. Feature corresponds with a tear drop shaped, raised area of anomalous seabed identified during the 2011 data assessment. The feature is reported as being observed in the bathymetry data as a tear drop shaped, rounded, raised area of seabed. This is visible in an area of seabed with no comparable features. It is orientated 30/210 (NE/SW). It is possible that the feature has been partially buried by mobile sediments with only the dark reflector visible. As such the previous dimensions have been retained however the height has been updated to reflect the height of the dark reflector. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	74540



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
70260	Debris	453072	5807992	A2	1.1	0.5	0.9	20	Sub-rounded anomaly in an area of narrow sand waves. Identified during the 2011 data assessment, however was not identified during the latest phase of assessment. It is possible that this is due to burial by mobile sediments and, as such, the feature has been retained as potential archaeology based on the previous interpretation.	-	74540
70261	Debris	453095	5808038	A2	6.9	0.7	0.0	-	Short linear anomaly that tapers at one end with an associated scour. Located in an area with narrow sand waves. Identified during the 2011 data assessment, however was not identified during the latest phase of assessment. It is possible that this is due to burial by mobile sediments and, as such, the feature has been retained as potential archaeology based on the previous interpretation.	-	74540
701025	Dark reflector	453920	5808403	A2	2.4	0.9	0.4	-	A small and slightly irregularly shaped dark reflector with a bright pointed shadow. Shadow appears to be larger at one end, indicating varying heights or possibly two objects close together.	-	117810
701026	Magnetic	454065	5807894	A2	-	-	-	31	Small magnetic anomaly identified on the magnetometer data. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	117810
701027	Bright reflector	453796	5806975	A2	2.7	0.4	0	-	A small and indistinct oval bright reflector situated in-between but perpendicular to sand waves. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701028	Debris	453714	5806679	A2	8.5	3.2	0.4	-	A distinct slatted object with several perpendicular linear dark reflectors and a bright shadow. Some possible associated scour orientated NE to SW (25m). Due to the magnetometer line spacing in this section, it is not possible to confirm whether	-	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									the feature is comprised ferrous material. Possible item of debris.		
701029	Dark reflector	453903	5806313	A2	2.9	0.9	0.3	-	A distinct, slightly 'v' shaped dark reflector with a bright shadow. Nothing identified on the magnetometer data indicating feature is comprised non-ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701030	Dark reflector	453674	5805981	A2	5.7	2.1	1.3	-	A medium sized distinct, slightly curved dark reflector with a bright and tapered shadow and significant height off the seabed. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701031	Dark reflector	453863	5805559	A2	2.3	0.8	0.7	-	A rounded dark reflector with a bright tapered shadow and significant height off the seabed. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701032	Dark reflector	454528	5805648	A2	4.9	1.6	1.2	-	A straight-edged dark reflector with a broad, distinct shadow. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701033	Dark reflector	454315	5805509	A2	3.8	0.7	0.6	-	A slightly rounded dark reflector with bright shadow and significant height off the seabed, has some associated scouring NE-SW. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural	-	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									however has the potential of being an item of debris.		
701034	Dark reflector	454546	5804808	A2	5	0.7	0.3	-	Slightly curvilinear shaped distinct dark reflector with a shadow. Feature appears to be within a slight depression, within sand waves. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701035	Dark reflector	454414	5804617	A2	3.5	0.5	0	-	An elongated, thin slightly curved dark reflector object with no height but possibly within a slight depression. One of three similar objects. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701036	Dark reflector	454401	5804594	A2	3.5	0.4	0.3	-	An elongated, rectangular shaped dark reflector object with slight height, identified in between sand waves. One of three similar objects. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701037	Dark reflector	454408	5804608	A2	7.3	0.5	0	-	An elongated curved dark reflector object with no height, in between sand waves. One of three similar objects. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material.	-	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									Possibly natural however has the potential of being an item of debris.		
701038	Magnetic	454989	5803442	A2	-	-	-	18	Small magnetic anomaly identified on the magnetometer data. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	117810
701039	Debris	454825	5803234	A2	7.4	0.4	0.2	-	A long and thick slightly curved linear dark reflector with an irregular shadow. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being a linear item of debris.	-	117810
701040	Debris	455880	5802645	A2	4.7	1.9	1	-	A straight edged, elongated dark reflector with a bright, relatively broad shadow. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possible item of debris.	-	117810
701041	Debris	456079	5803148	A2	3.7	2.5	0.8	-	A small but distinct dark reflector with a short, narrow linear dark reflector extending out. The feature has a bright shadow and appears to be sat within a slight depression. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly an item of debris.	-	117810
701042	Debris	456707	5803455	A2	4.8	1.5	0.2	-	A right angled dark reflector object with a bright shadow. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly an item of debris.	-	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
701043	Dark reflector	455860	5804109	A2	2.7	0.7	0.4	-	A very small but distinct dark reflector with a bright pointed shadow situated within a slight depression. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701044	Seabed disturbance	456443	5804473	A2	64.4	3	0.6	-	Very large linear area of disturbed seabed, long length of dark reflector with individual shadows suggesting variable height. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being a partially buried feature.	-	117810
701045	Dark reflector	455664	5805102	A2	4.8	0.4	0.4	-	A distinct curvilinear shaped dark reflector object with a bright shadow. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being a partially buried feature.	-	117810
701046	Dark reflector	455123	5807267	A2	2.5	1.4	0.4	-	A small and rectangular shaped dark reflector with a bright, relatively broad shadow. Situated at the edge of a sand waves, possibly object that may be partially buried. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701047	Debris field	456579	5807218	A2	15.1	9.8	0.4	-	A large spread of indistinct dark reflector objects, some with height. A main curvilinear shaped object is visible measuring 12.6 x 0.5 m, smaller angular objects. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly	-	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									natural however has the potential of being an item of debris.		
701048	Debris field	456616	5807966	A2	14.5	5.9	1.4	-	A distinct area of numerous dark reflector objects, main body is an incomplete square shaped dark reflector with a linear piece coming off this (10 x 1.7m). Feature has a very bright shadow and significant height off the seabed. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possible debris field.	-	117810
701049	Bright reflector	455162	5808995	A2	6.2	2.4	0	-	A slightly irregularly oval shaped bright reflector object within an area of sand waves, this looks much brighter/distinct than other anomalies on the seabed. Possibly partially buried. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701050	Dark reflector	454976	5809215	A2	6.4	0.5	0.2	-	Slightly right angled linear dark reflector with a small but bright shadow. Possibly natural however looks anomalous to the surrounding seabed.	-	117810
701051	Debris field	458003	5809504	A2	11.2	4.9	0.6	-	Possible small debris field with some dark reflectors with height including a slightly elongated curvilinear shaped dark reflector with a bright shadow and significant height off the seabed.	-	117810
701052	Dark reflector	458389	5809333	A2	3.7	0.9	0.2	-	A small dark reflector, one end appears to be relatively square shaped with a single thin linear piece coming off this, has a bright shadow across its extent. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly	-	117810



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									natural however has the potential of being an item of debris.		
70349	Debris field	459017	5809277	A2	18.1	13.1	0.0	-	Irregular shaped spread of closely spaced anomalies. There is some distortion due to poor quality data. Appears to be a spread of debris with a short linear located close to this area. Located in an area of sand waves. Identified during the 2011 data assessment, however was not identified during the latest phase of assessment. It is possible that this is due to burial by mobile sediments and, as such, the feature has been retained as potential archaeology based on the previous interpretation.	-	74540
701053	Dark reflector	458870	5809053	A2	4.1	1.1	0.8	-	A slightly elongated dark reflector with a relatively broad, distinct shadow and significant height off the seabed. Feature identified within an area of disturbed seabed. Possibly natural however has the potential of being an item of debris.	-	117810
701054	Magnetic	458048	5808597	A2	-	-	-	17	Small magnetic anomaly identified on the magnetometer data. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	117810
701055	Debris	458574	5808362	A2	7.5	0.3	0.1	-	A thin, straight linear dark reflector with a slight shadow. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly a linear item of debris.	-	117810
70348	Magnetic	458964	5808245	A2	-	-	-	14	Fairly weak magnetic anomalies located in close proximity to one another. Identified during the 2011 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.		74540



ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
70347	Magnetic	459012	5806048	A2	-	-	-	33	Moderate strength isolated magnetic anomaly identified during the 2011 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.		74540
701056	Dark reflector	458953	5805106	A2	7.0	1.2	0.8	-	Appears to be two curvilinear shaped dark reflector objects lying parallel to one another within sand waves. Feature has significant height off the seabed, possibly stretched but looks anomalous. Possibly natural however has the potential of being an item of debris.	-	117810
701057	Magnetic	458048	5804068	A2	-	-	-	10	Small magnetic anomaly identified on the magnetometer data. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	117810
70346	Magnetic	459016	5804384	A2	-	-	-	36	Moderate strength isolated magnetic anomaly identified during the 2011 data assessment. Nothing visible on the sonar data or bathymetry. Possibly ferrous debris which is either buried or has no surface expression.	-	74540
701058	Dark reflector	460494	5804397	A2	4	2	0.7	-	A large, slightly rectangular shaped dark reflector object with a bright, tapered shadow and significant height off the seabed. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810
701059	Dark reflector	460133	5805666	A2	4.1	0.6	0.1	-	A thin elongated dark reflector with a slight shadow, lying perpendicular to the sand waves. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly natural however has the potential of being an item of debris.	-	117810

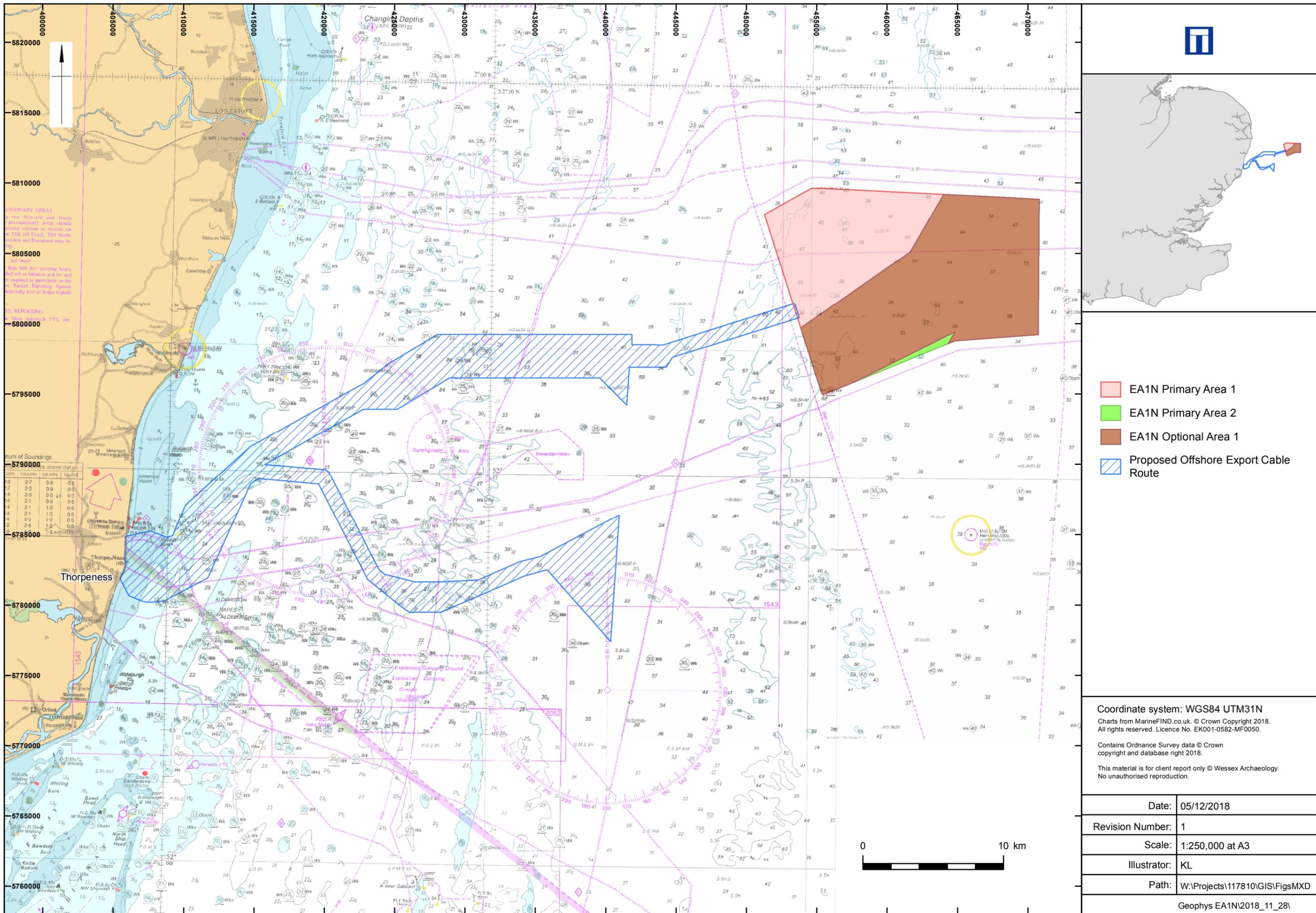


ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
701060	Debris	459883	5806128	A2	2.9	2.2	0.6	-	A small, angular dark reflector with a broad, bright shadow. Feature has some possible associated scour. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly an item of debris.	-	117810
701061	Debris	461973	5805532	A2	3.9	0.4	0.1	-	An elongated dark reflector object with a slight shadow at one end. Feature not previously identified during 2012 or 2014 data assessments, possibly due to the feature being a modern item of debris however may also be due to the feature having been buried by mobile sediments during previous survey. Possibly an item of debris.	-	117810
701062	Rope/chain	461344	5805312	A2	17.1	0.3	0.1	-	A thin slightly curvilinear dark reflector that appears to be broken up or buried by sand waves. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possible rope/chain.	-	117810
701063	Debris	461920	5807988	A2	7.5	3.7	0.5	-	A poorly defined dark reflector with a bright shadow and some associated scour. Possibly natural however has the potential of being an item of debris.	-	117810
701064	Rope/chain	461640	5809268	A2	119.0	0.8	0.2	-	A long and intermittent slightly curvilinear shaped dark reflector. Feature appears to continue beyond study area. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is comprised ferrous material. Possibly an uncharted length of cable or a length of rope/chain.	-	117810
701065	Dark reflector	463300	5808148	A2	4.7	2.1	1.3	-	A distinct, angular dark reflector with a relatively broad bright shadow. Some possible associated scour. Identified on the MBES data as a small mount within a slight depression. Due to the magnetometer line spacing in this section, it is not possible to confirm whether the feature is	-	117810



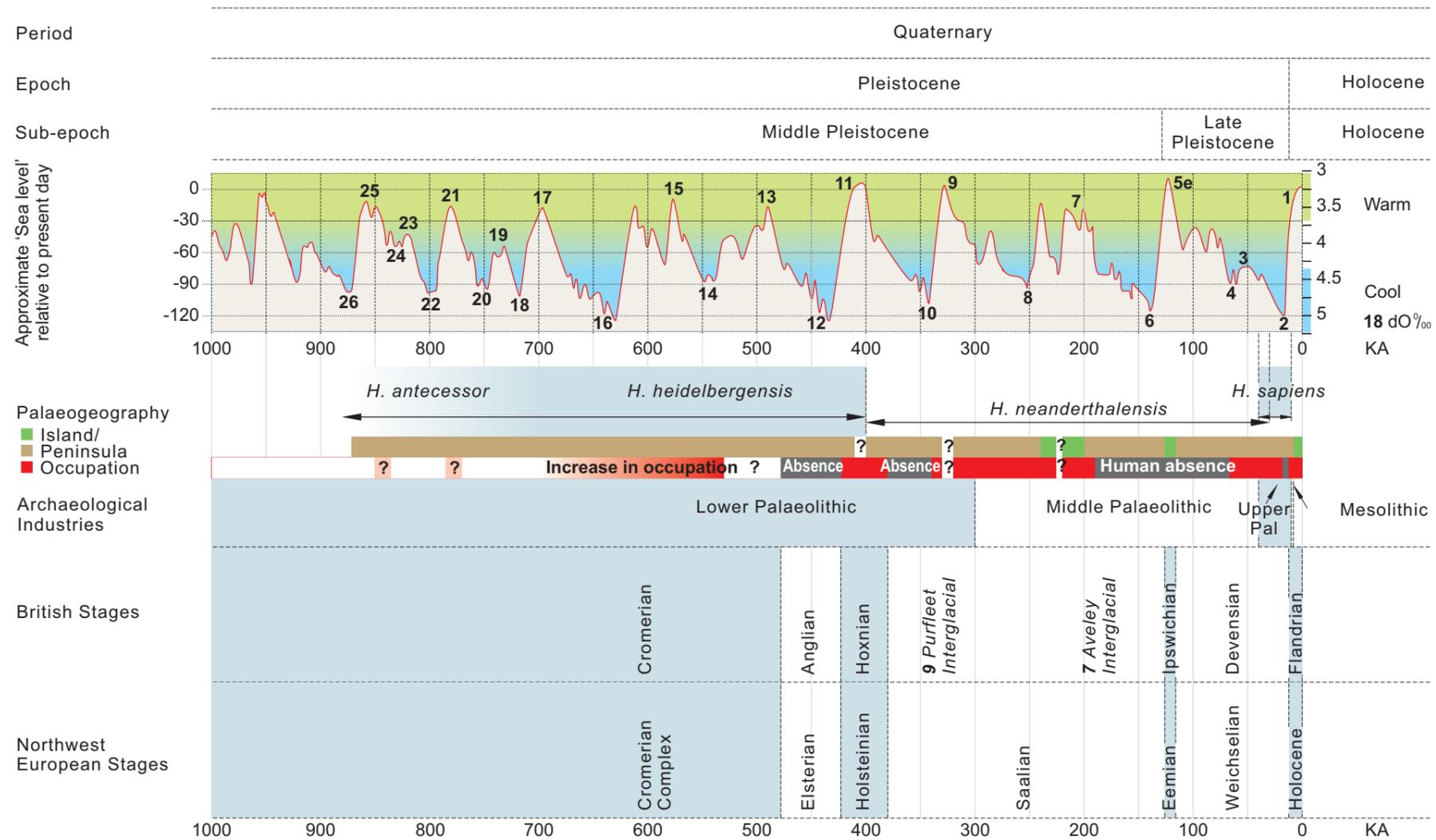
ID Number	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic Amplitude (nT)	Description	External references	Report ref.
									comprised ferrous material. Possibly natural however has the potential of being an item of debris.		

1. Co-ordinates are in WGS84 UTM31N
2. Positional accuracy estimated  $\pm 15$  m



Location of East Anglia ONE North Offshore Windfarm

Figure 1

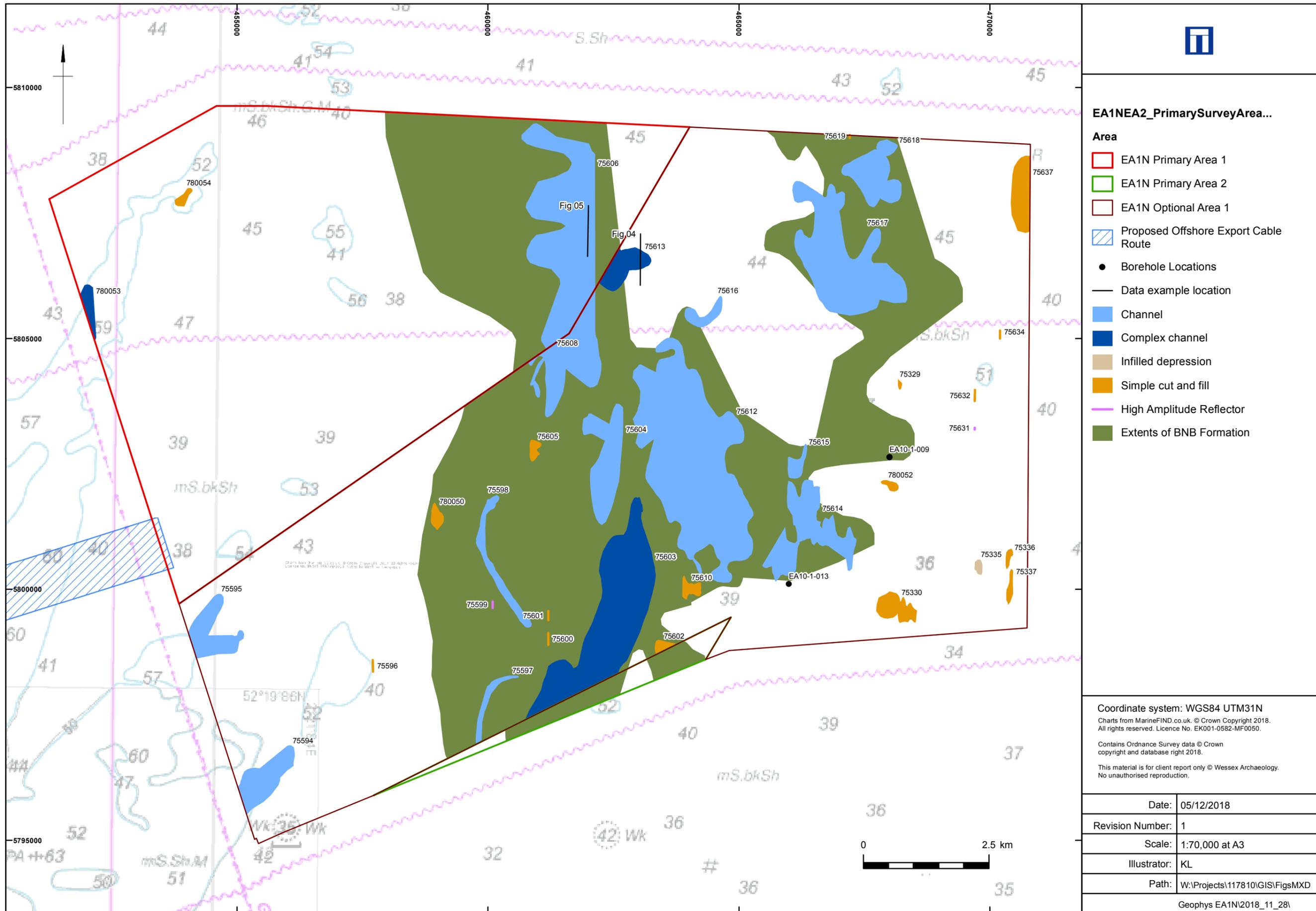


The figure presents information derived from several references: the global sea-level curve is from Lisiecki and Raymo (2005) and Jelgersma (1979). Details on the geology and archaeology were provided by Dix and Westley (2004); Funnel (1995); Gibbard and van Kolfschoten (2004); Kukla *et al.* (2002); Lee *et al.* (2006); Lowe and Walker (1997) and Wymer (1999).



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**EA1NEA2\_PrimarySurveyArea...**

**Area**

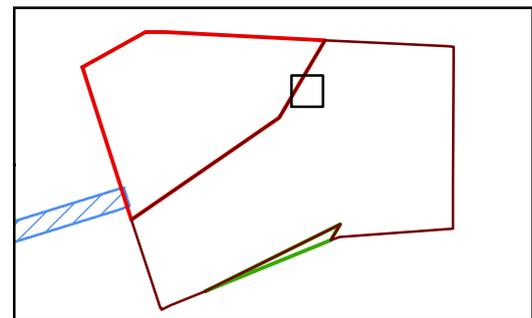
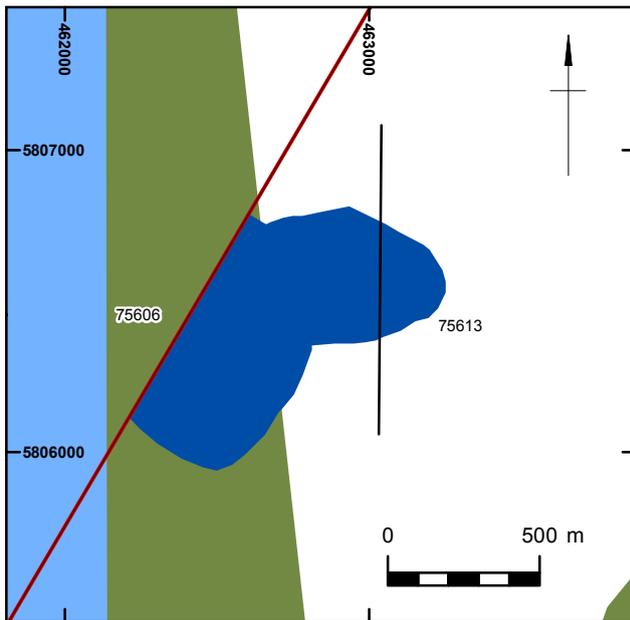
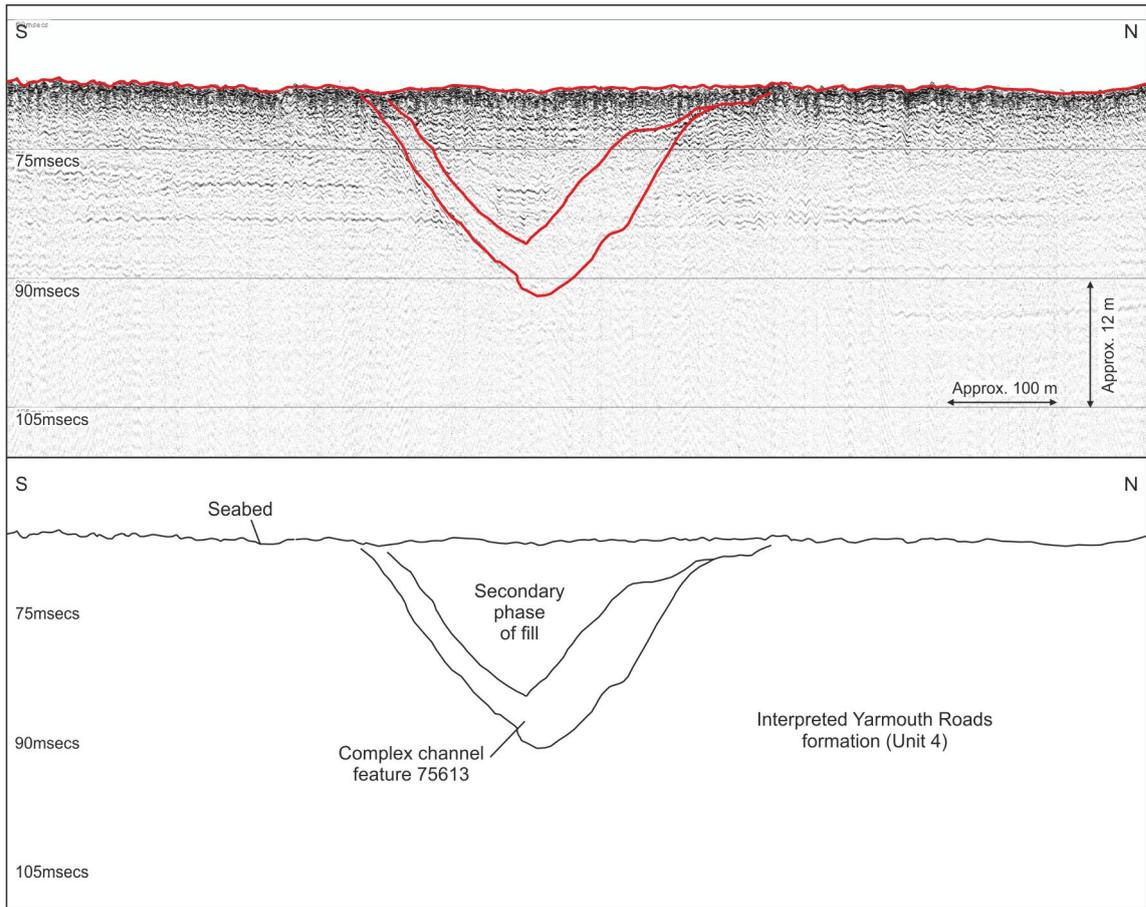
- EA1N Primary Area 1
- EA1N Primary Area 2
- EA1N Optional Area 1
- Proposed Offshore Export Cable Route
- Borehole Locations
- Data example location
- Channel
- Complex channel
- Infilled depression
- Simple cut and fill
- High Amplitude Reflector
- Extents of BNB Formation

Coordinate system: WGS84 UTM31N  
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Palaeogeographic features of archaeological potential

Figure 3



- EA1N Primary Area 1
- EA1N Primary Area 2
- EA1N Optional Area 1
- Proposed Offshore Export Cable Route
- Data example location
- Channel
- Complex channel
- Extents of BNB Formation

Coordinate system: WGS84 UTM31N

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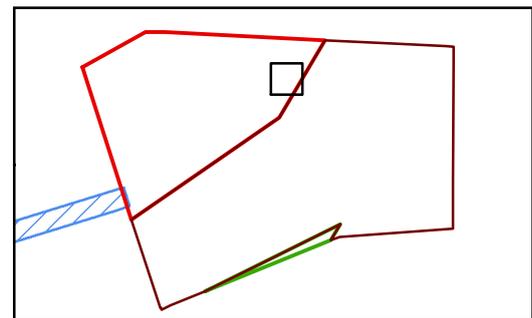
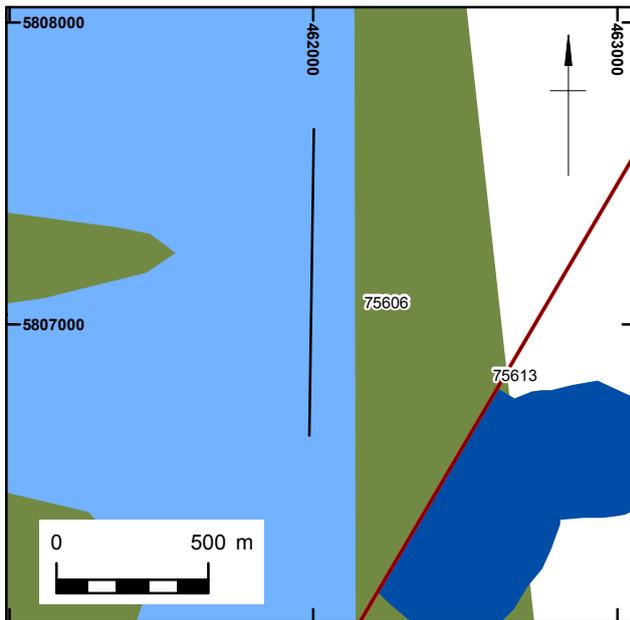
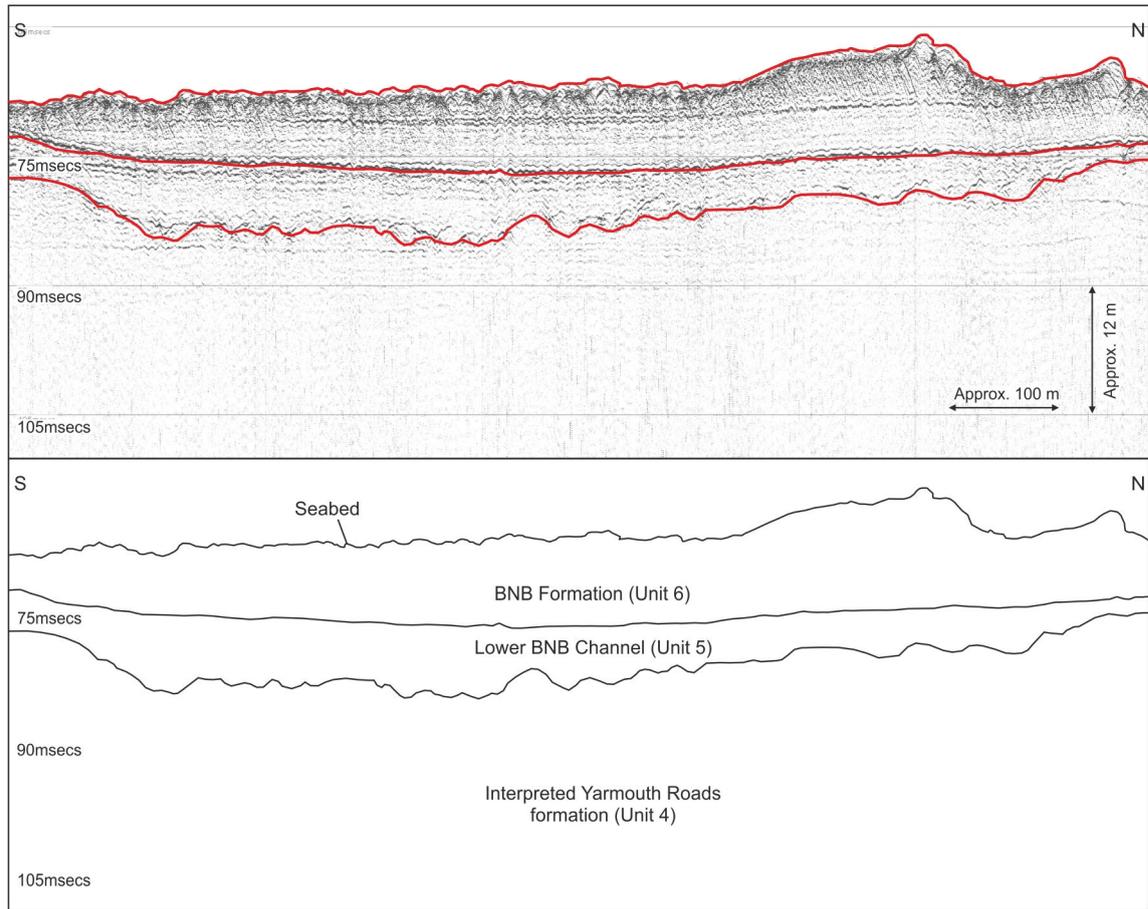
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- EA1N Primary Area 1
- EA1N Primary Area 2
- EA1N Optional Area 1
- Proposed Offshore Export Cable Route
- Data example location
- Channel
- Complex channel
- Extents of BNB Formation

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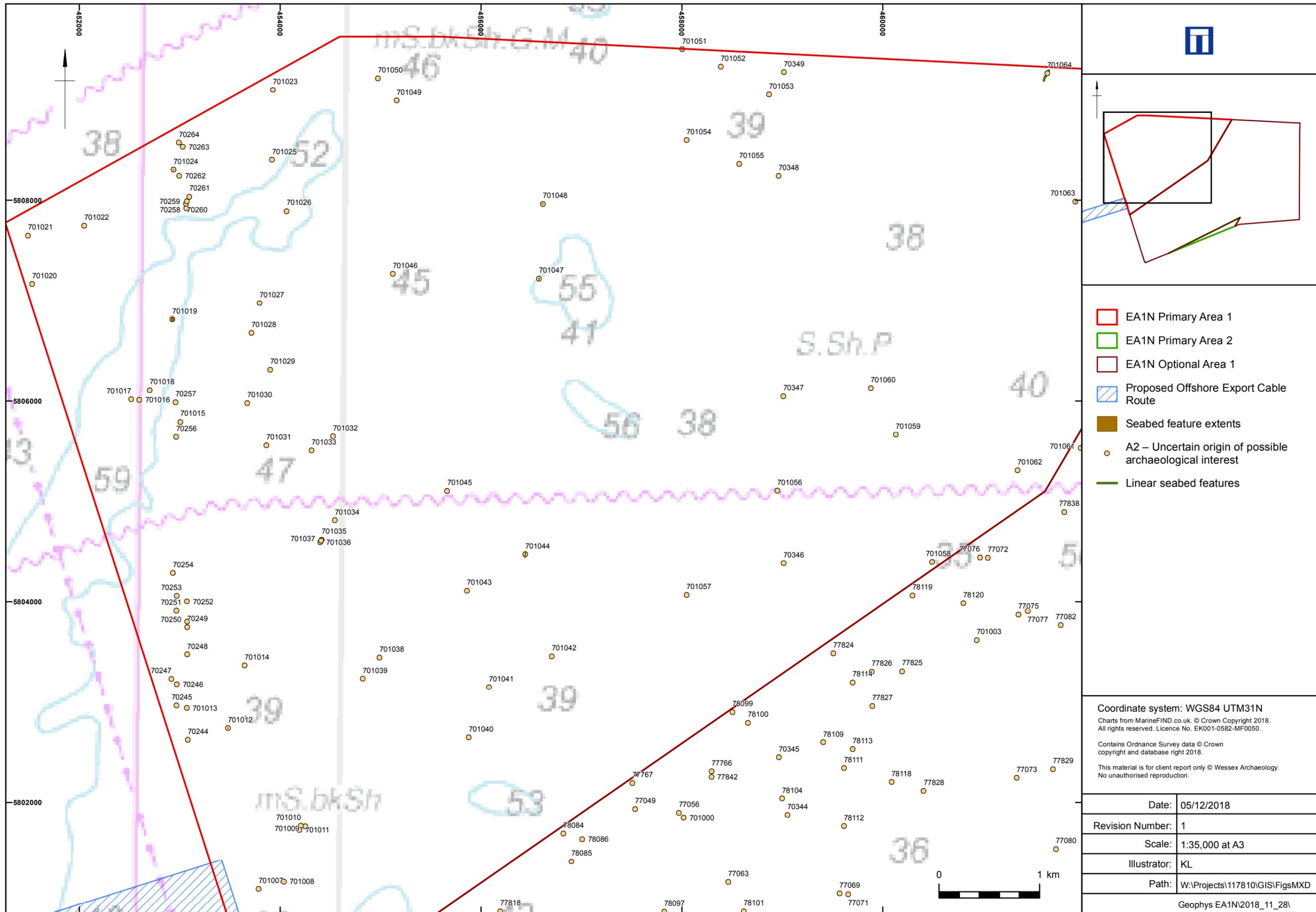
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Palaeogeographic feature data example – 75606

Figure 5



- EA1N Primary Area 1
- EA1N Primary Area 2
- EA1N Optional Area 1
- Proposed Offshore Export Cable Route
- Seabed feature extents
- A2 – Uncertain origin of possible archaeological interest
- Linear seabed features

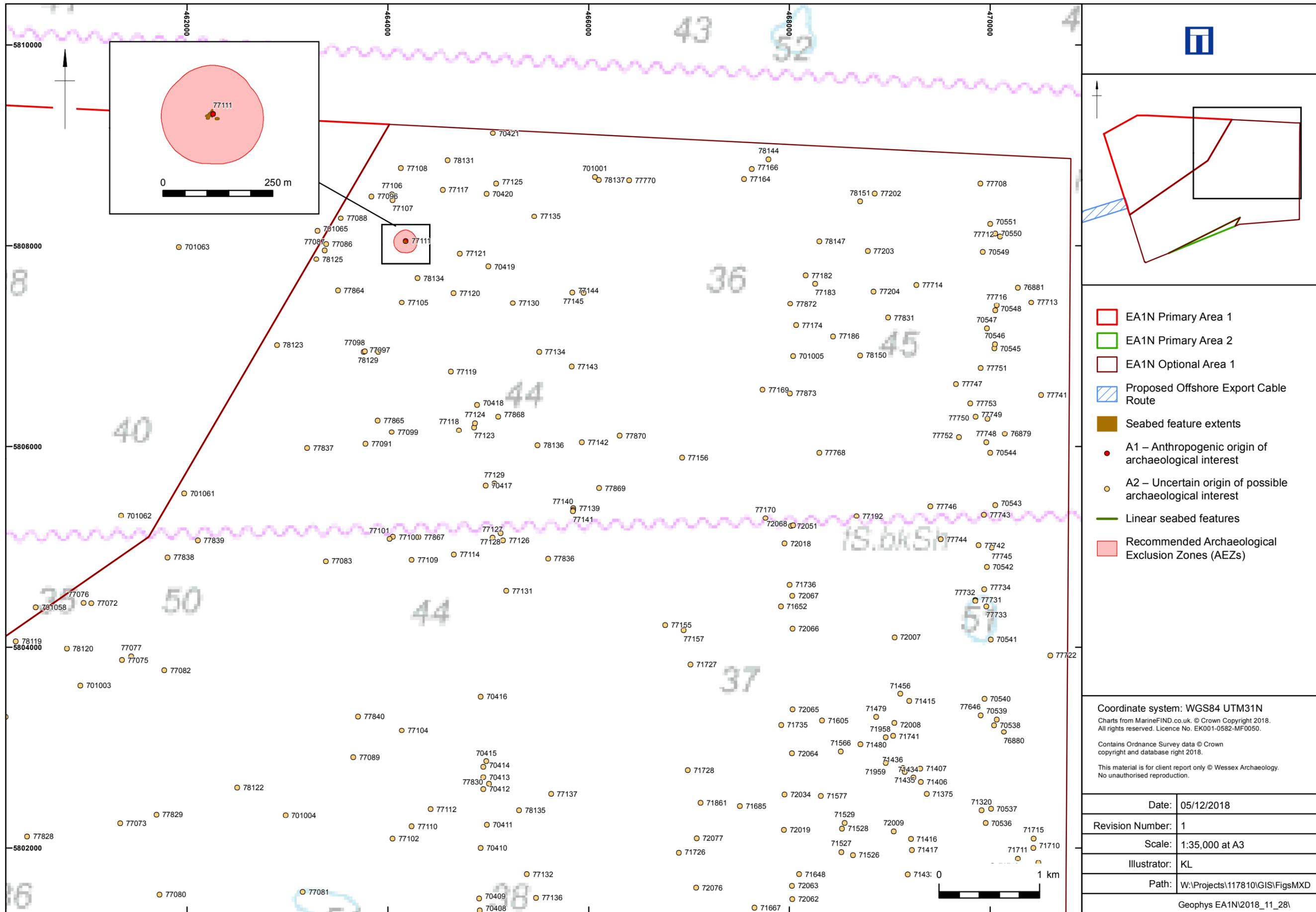
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Seabed Features of archaeological potential

Figure 6a



- EA1N Primary Area 1
- EA1N Primary Area 2
- EA1N Optional Area 1
- Proposed Offshore Export Cable Route
- Seabed feature extents
- A1 – Anthropogenic origin of archaeological interest
- A2 – Uncertain origin of possible archaeological interest
- Linear seabed features
- Recommended Archaeological Exclusion Zones (AEZs)

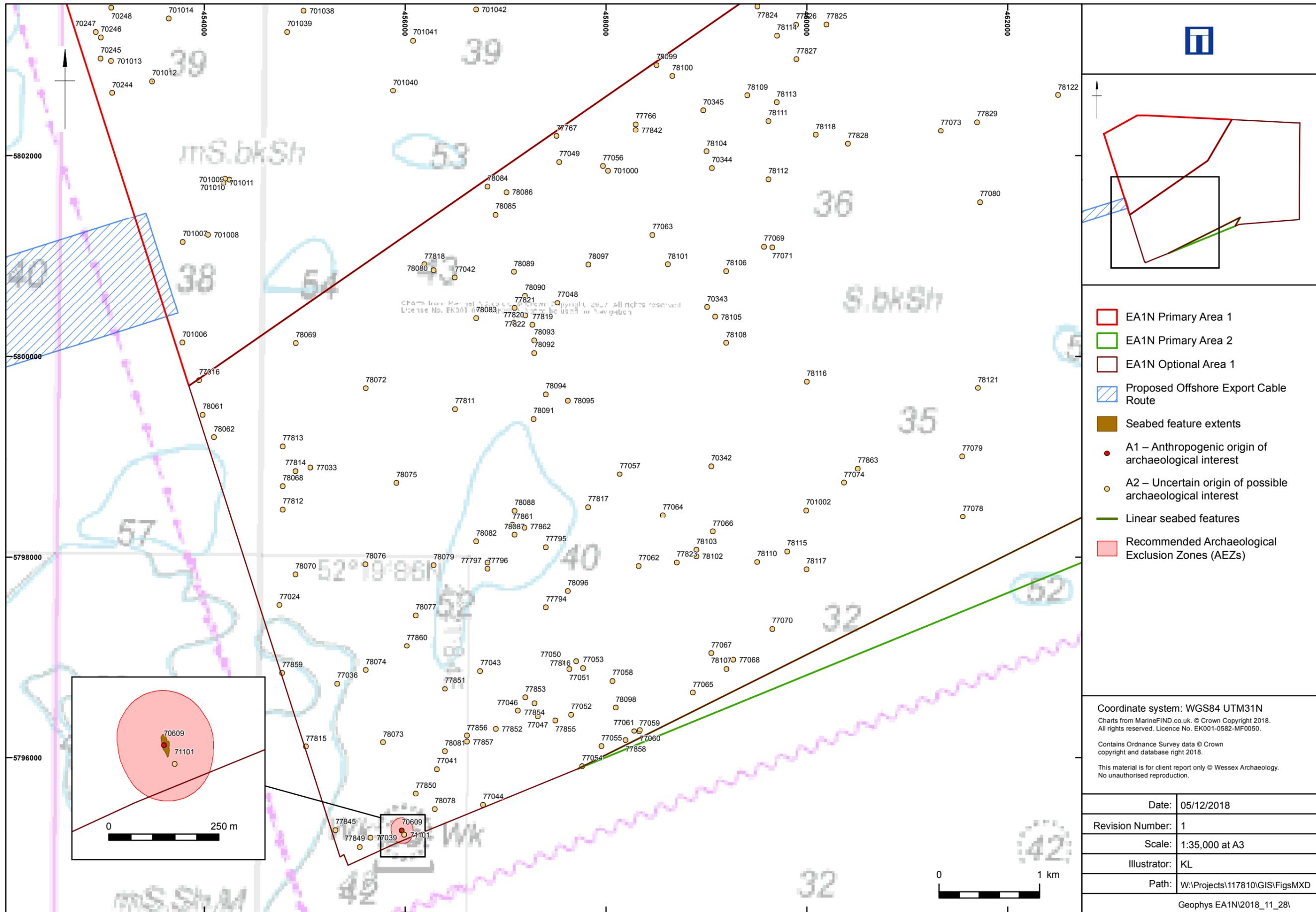
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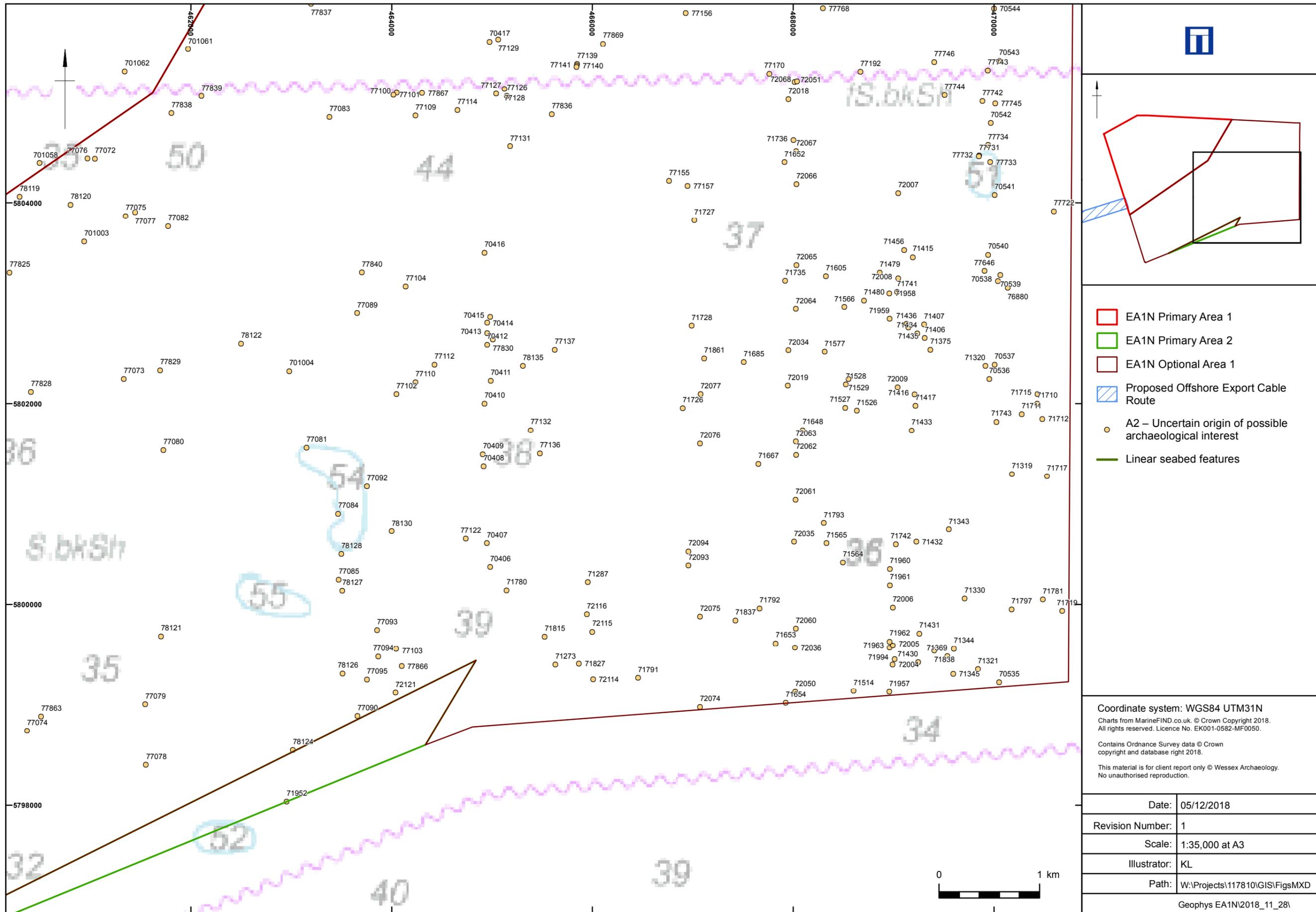
Seabed Features of archaeological potential

Figure 6b



Seabed Features of archaeological potential

Figure 6c



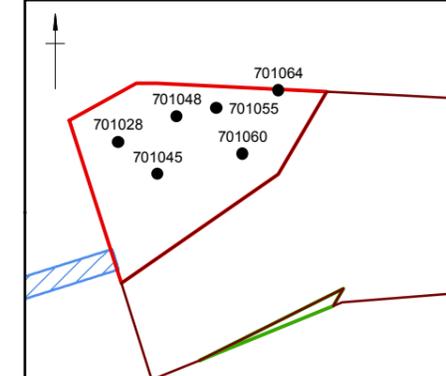
- EA1N Primary Area 1
- EA1N Primary Area 2
- EA1N Optional Area 1
- Proposed Offshore Export Cable Route
- A2 – Uncertain origin of possible archaeological interest
- Linear seabed features

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Seabed Features of archaeological potential

Figure 6d



- EA1N Primary Area 1
- EA1N Primary Area 2
- EA1N Optional Area 1
- Proposed Offshore Export Cable Route
- Data example

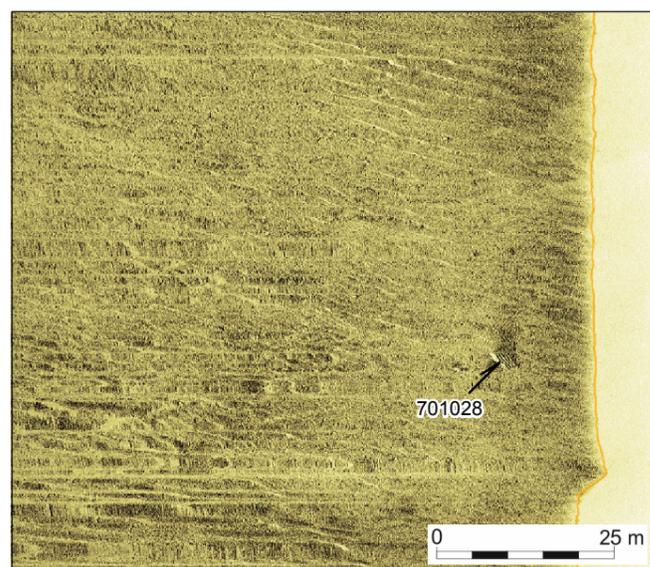
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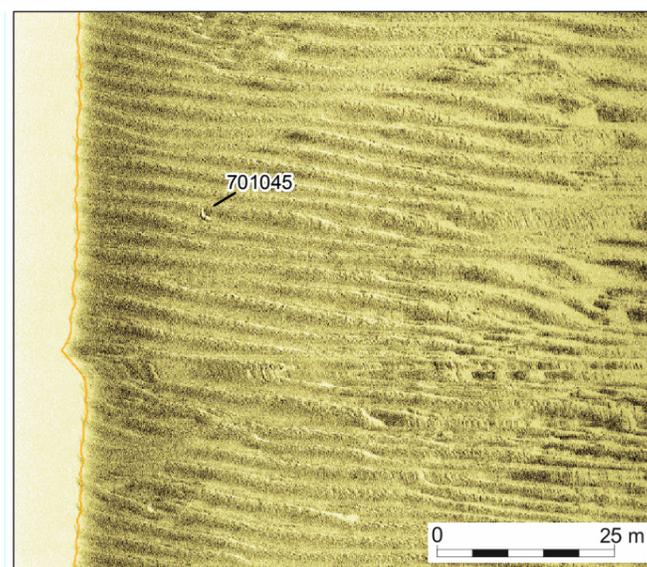
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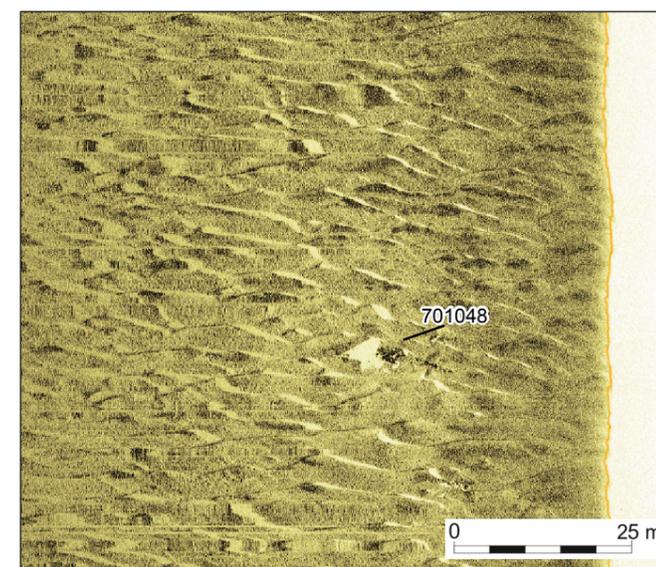
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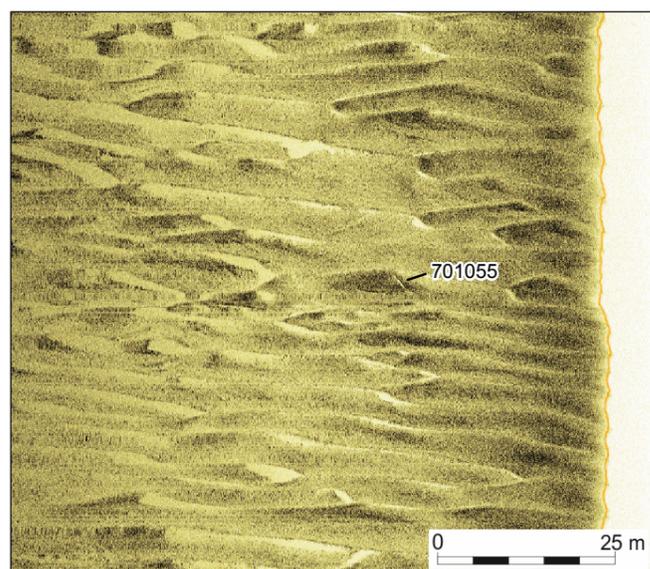
Sidescan sonar image of 701028, an item of potential debris measuring 8.5 x 3.2 x 0.4 m



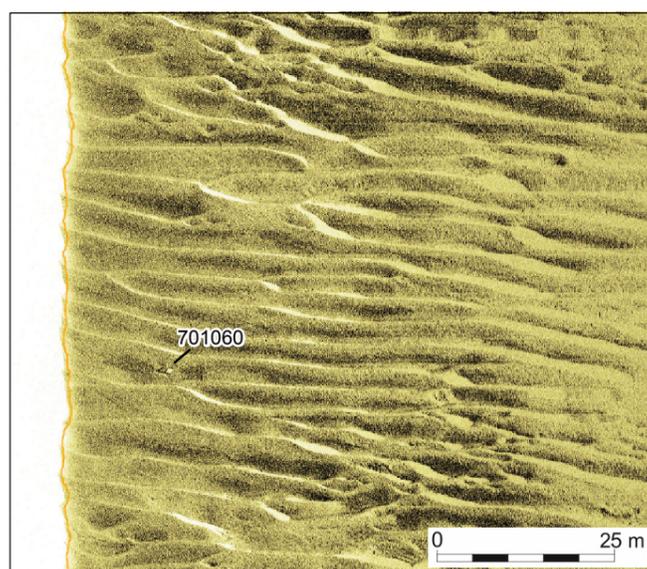
Sidescan sonar image of 701045, a dark reflector measuring 4.8 x 0.4 x 0.4 m



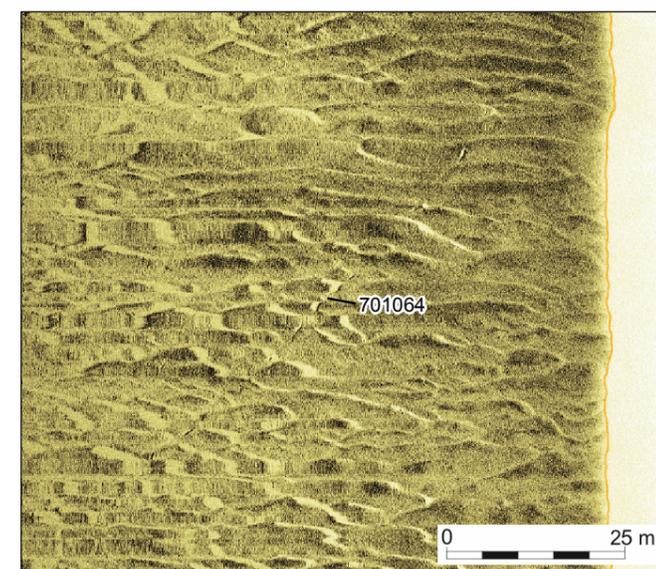
Sidescan sonar image of 701048, a debris field measuring 14.5 x 5.9 x 1.4 m



Sidescan sonar image of 701055, a linear item of debris measuring 7.5 x 0.3 x 0.1 m



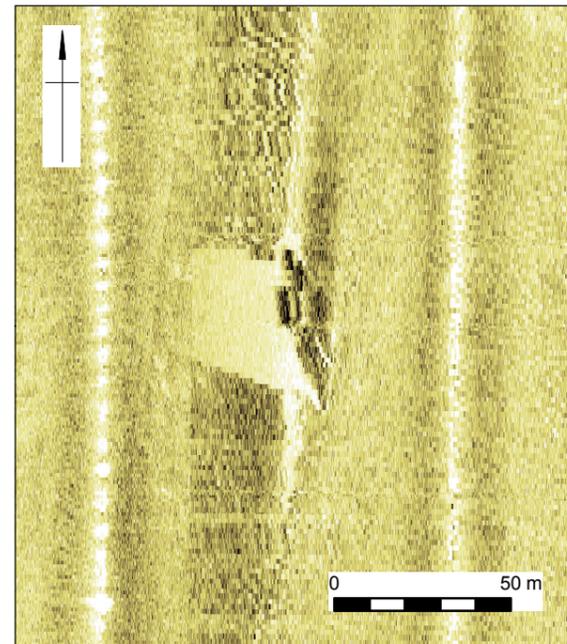
Sidescan sonar image of 701060, an item of debris measuring 2.9 x 2.2 x 0.6 m



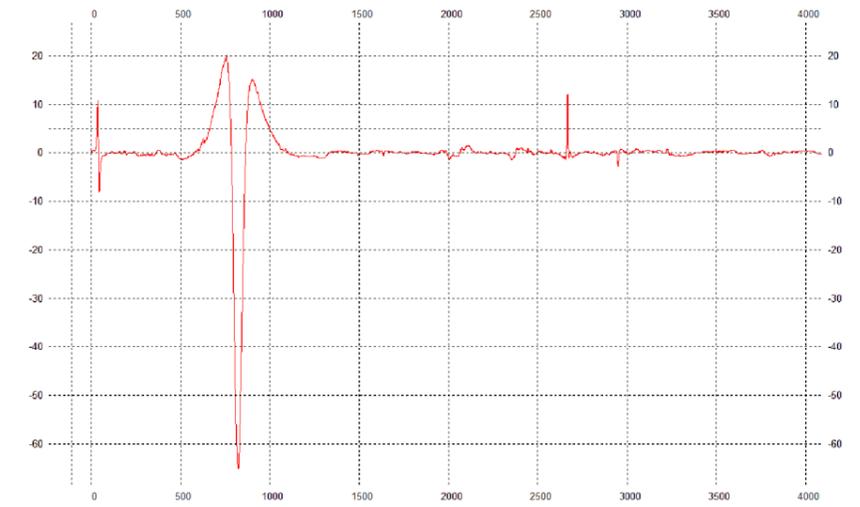
Sidescan sonar image of 701064, an item of rope/chain measuring 119.0 x 0.8 x 0.2 m

ID 70609 – *Edinardu Antoinette* (possibly)

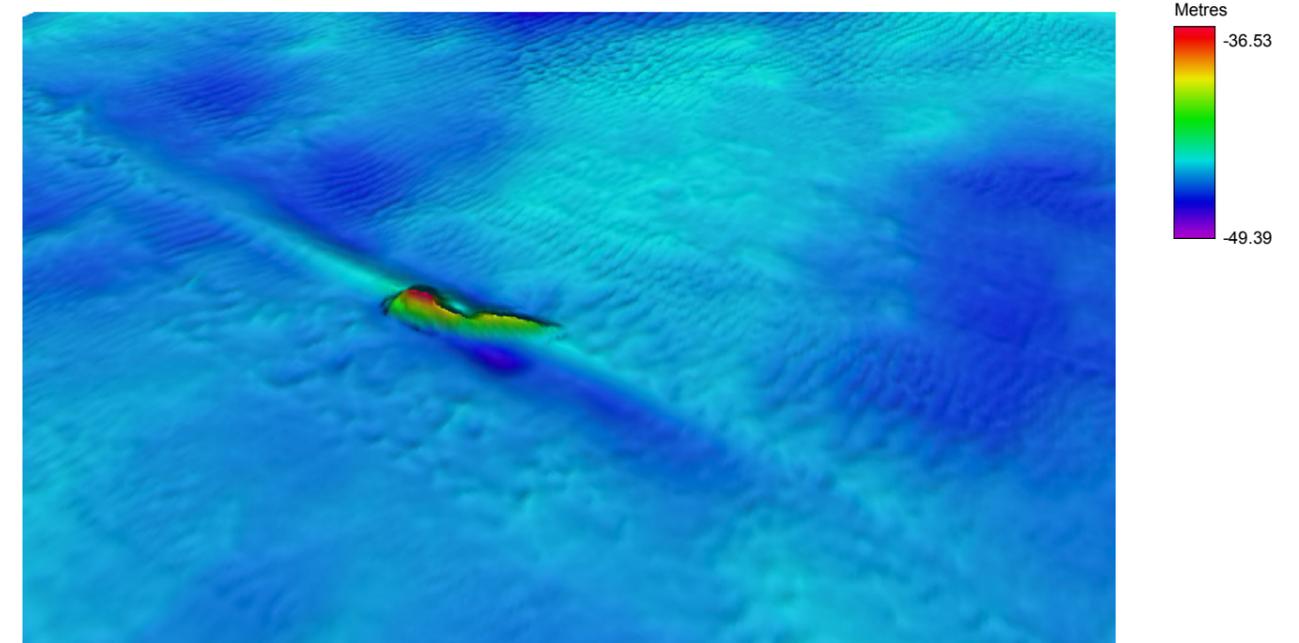
<b>Location</b>		455967 E, 5795276 N	<b>Area</b>	EA1N
<b>Archaeological Importance</b>		High		
<b>Geophysical survey dimensions and notes</b>		<p><b>70609</b> is a known wreck, located in the south-west corner of the East Anglia ONE North site, orientated approximately north to south. This wreck is recorded in the UKHO as <i>Edinardu Antoinette</i> (UKHO record 10979).</p> <p>In the SSS data, a distinct dark reflector can be seen which is thought to represent one edge of the hull. A series of linear dark reflectors, of varying thickness and height, suggest some remaining internal structure. The wreck is seen to have a large, distinct shadow, which masks some of the internal structure. The dimensions of the wreck are measured as approximately 48.7 x 10.6 x 2.9 m. The wreck is seen to have some associated debris, the largest of which is a distinct linear dark reflector (measuring 5.3 x 0.3 x 0.2 m) with a bright shadow. Another, smaller linear item of debris is seen as a discrete, thin, dark reflector measuring 1.3 x 0.5 x 0.2 m. There is another, likely associated irregular shaped item of debris (<b>71101</b>) measuring 1.7 x 0.6 x 0.3 m located 22 m south-east of the wreck.</p> <p>The wreck has a large, associated magnetic anomaly of 862 nT, suggesting a significant amount of ferrous material.</p> <p>On the MBES data, the wreck is seen as a distinct, double peaked mound, with a larger peak to the north. Both scour and sediment build up is clearly identified in the data extending in a north to south direction.</p>		
<b>Build</b>	<b>Type</b>	Fishing/Sailing Vessel		
	<b>Construction</b>	Unknown		
	<b>Dimensions (m)</b>	Unknown		
	<b>Shipyard</b>	Unknown		
<b>Loss</b>	<b>Cause</b>	Sank after a collision with the British vessel, SS Matching (15 June 1926)		
<b>Extent of Survival</b>		<p>Wreck is thought to be that of <i>Edinardu Antoinette</i> (UKHO 10979), a Belgian vessel. Previous surveys indicate that the wreck lies intact and upright, with its bow towards the south. It was noted in 1987 that the wreck was swept clear at 35.3 m.</p> <p>On the sonar data, the wreck is seen as being relatively intact, with the distinct, irregular height suggesting that some superstructure may remain. Some internal structure is visible, seen on the SSS data as near-parallel dark reflectors which lie along the structure. There are items of associated debris, which suggests some decay. Furthermore, the wreck lies in an area of high sediment content which may indicate some burial may have occurred.</p>		



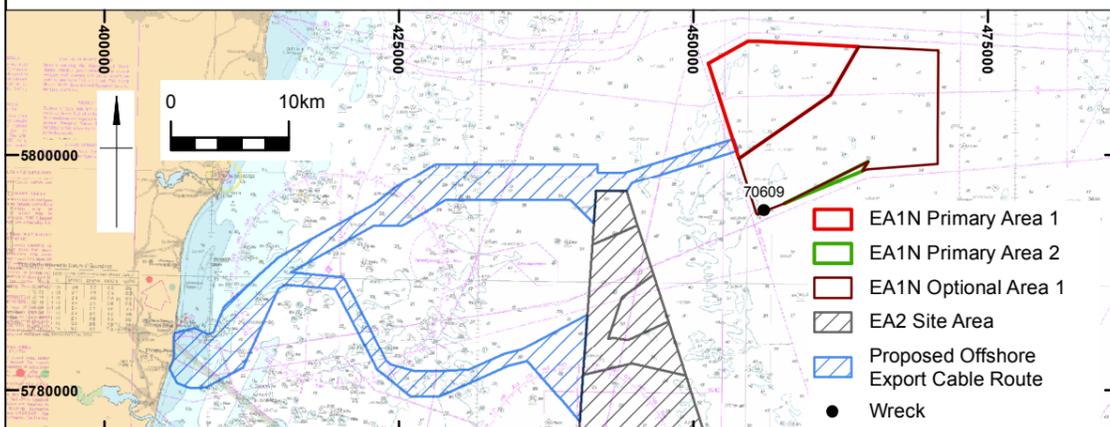
Sidescan sonar image of **70609**, 48.7 x 10.6 x 2.9 m



Magnetic profile of **70609**, measuring 699 nT



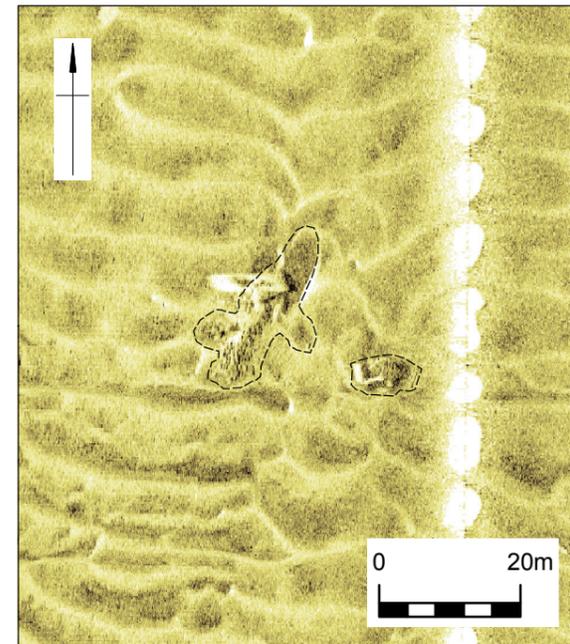
Multibeam bathymetry image of **70609**, looking east (x1 vertical exaggeration)



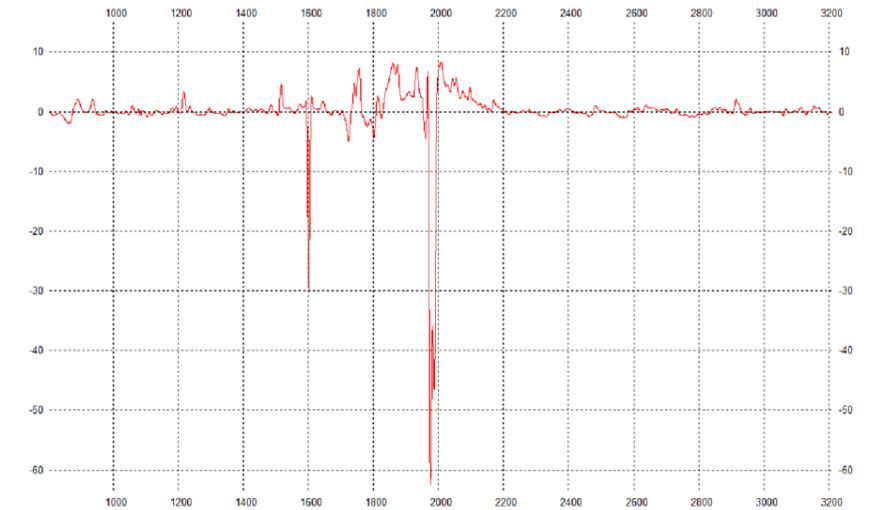
	Coordinate system: WGS84 UTM31N	Date: 05/12/2018	Revision Number: 1
	Charts from MarineFIND.co.uk. © Crown Copyright 2018. All rights reserved. Licence No. EK001-0582-MF0050.	Scale: Sidescan 1:2000 at A3	Illustrator: KL
	This material is for client report only © Wessex Archaeology. No unauthorised reproduction.	Path: W:\Projects\117810\GIS\Figs\MXD\Geophys ECR\2018_11_14	

ID 77111 – Unknown

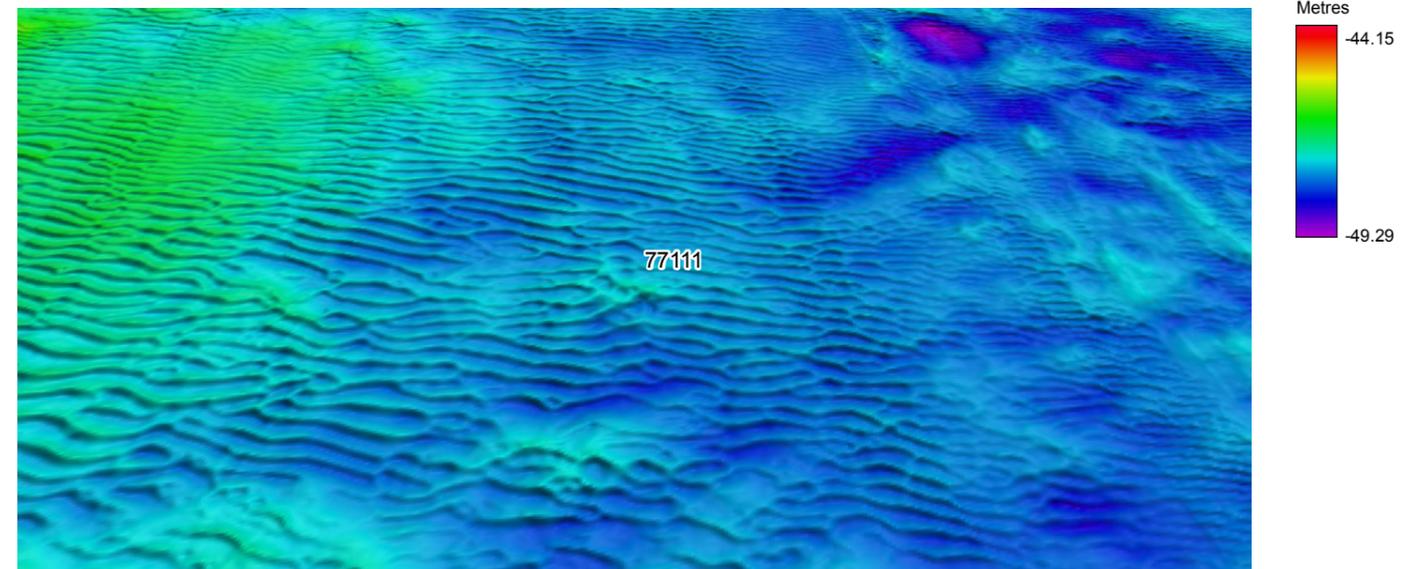
<b>Location</b>		464178 E, 5808047 N	<b>Area</b>	EA1N
<b>Archaeological Importance</b>		High		
<b>Geophysical survey dimensions and notes</b>		<p>77111 is a collection of debris, interpreted as being an unknown wreck. The wreck is located in the central north of the East Anglia ONE North site amongst the bedforms, orientated approximately north-west to south-east.</p> <p>In the SSS, two large, distinct dark reflectors are identified amongst the bedforms, approximately 20 m apart. The larger anomaly, to the north-west, is a rectangular dark reflector, showing potential structure and measuring 4.8 x 1.1 x 2.3 m. Some dispersed small, angular items, which may represent cargo, ballast or debris, is seen to extend approximately 13 m to the south-west. The second anomaly has a distinct, angular shadow, which may represent an upright and partly hollow, or complex structure, measuring 1.4 x 1.1 x 1.5 m. An indistinct linear reflector lies to the east of the smaller anomaly, but may be part of the bedform formation.</p> <p>A medium associated magnetic anomaly of 71 nT suggests that there is some ferrous structure and/or content.</p> <p>In the MBES data, the wreck is seen as a low laying mound amongst the bedforms, possibly partially covered by sediments.</p>		
<b>Build</b>	<b>Type</b>	Unknown		
	<b>Construction</b>	Unknown		
	<b>Dimensions (m)</b>	Unknown		
	<b>Shipyard</b>	Unknown		
<b>Loss</b>	<b>Cause</b>	Unknown		
<b>Extent of Survival</b>		<p>There is no current record of a wreck in this position in the UKHO records.</p> <p>The distinct height suggests that some structure may remain, but no clear superstructure or internal reflectors are visible. The feature is located within an area with high sediment content and it is possible that some intricate features of the wreck may have been buried. The presence of some indistinct, fragmented dark reflectors surrounding the main debris may demonstrate decay.</p>		



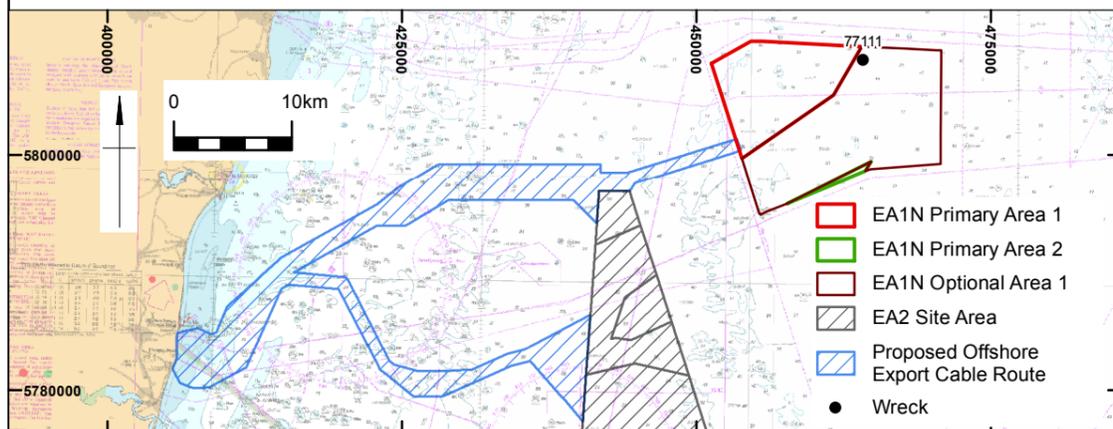
Sidescan sonar image of 77111, 20.0 x 14.8 x 2.3 m



Magnetic profile of 77111, measuring 71 nT



Multibeam bathymetry image of 77111, looking south (x1 vertical exaggeration)



Coordinate system: WGS84 UTM31N

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Date: 05/12/2018

Revision Number: 1

Scale: Sidescan 1:1000 at A3

Illustrator: KL

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