

**RWE Renewables UK Dogger Bank
South (West) Limited**

**RWE Renewables UK Dogger Bank
South (East) Limited**

Dogger Bank South Offshore Wind Farms

Environmental Statement

Volume 7

**Appendix 17-2 Archaeological Assessment of Geophysical
Data for EIA**

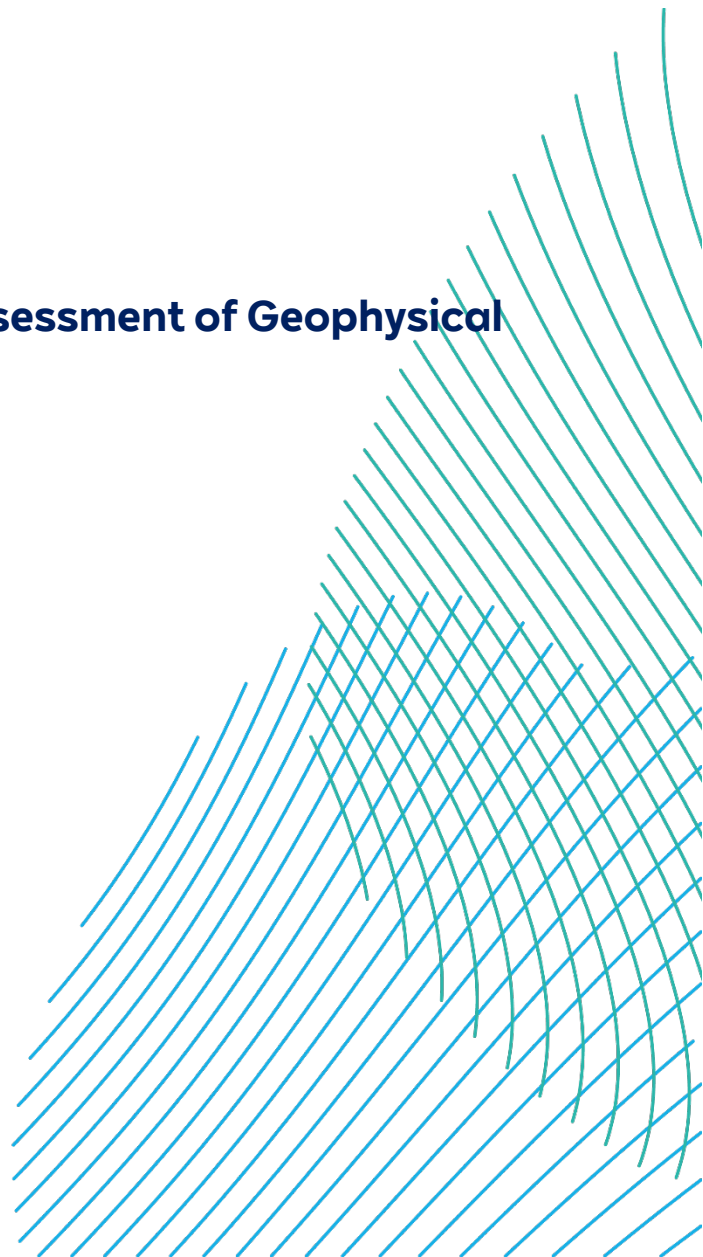
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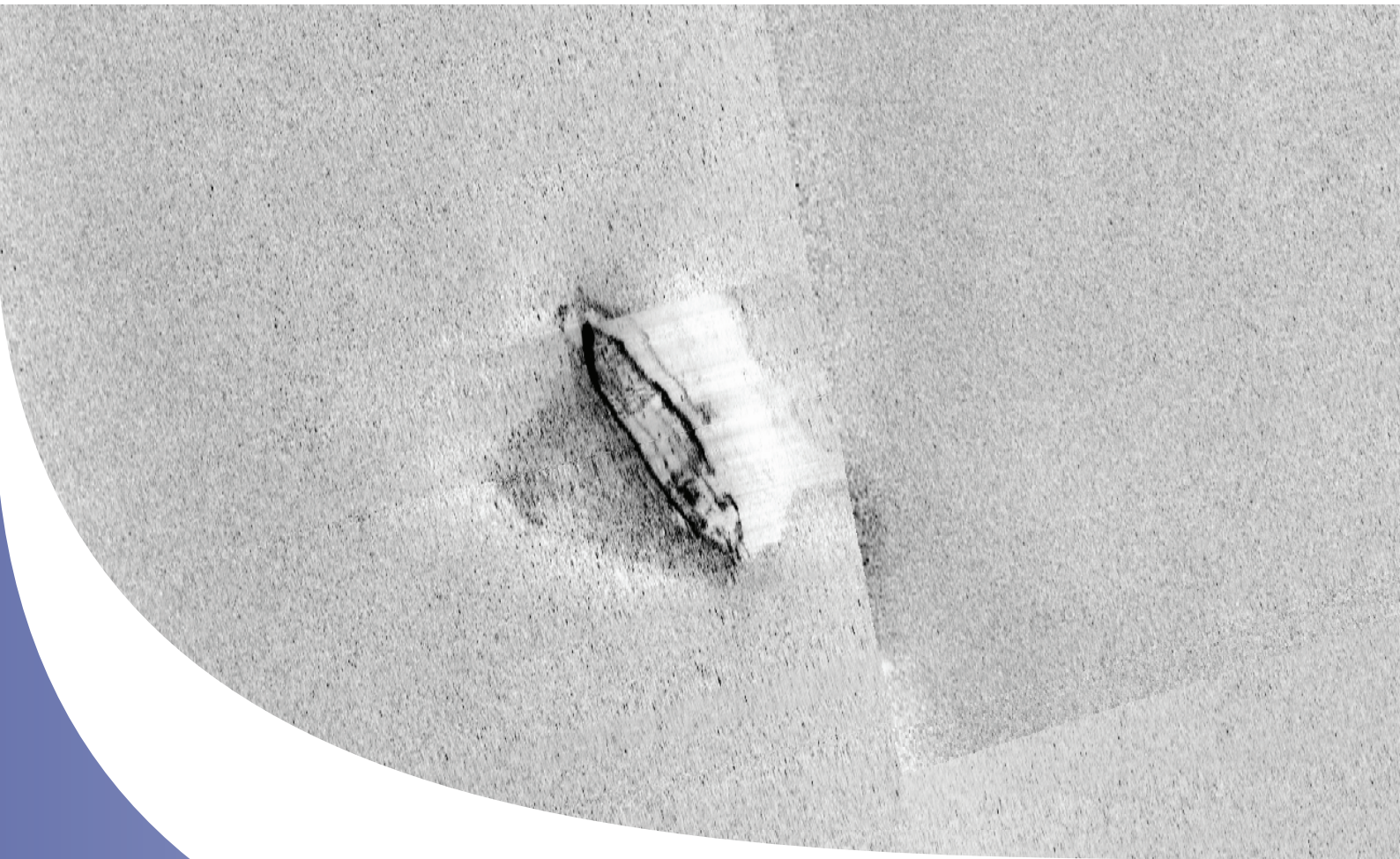


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Dogger Bank South OWF Archaeological Assessment of Geophysical Data for EIA

Archaeological Assessment of 2022 Marine Geophysical Data



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Contents

Summary	iii
Acknowledgements.....	v
1 INTRODUCTION	1
1.1 Project background.....	1
1.2 Aims and objectives.....	2
1.3 Coordinate system.....	2
2 METHODOLOGY	2
2.1 Data sources	2
2.2 Geophysical data – technical specifications.....	2
2.3 Geophysical data – processing.....	4
2.4 Geophysical data – data quality	7
2.5 Geophysical data – anomaly grouping and discrimination.....	9
3 SEABED FEATURES ASSESSMENT	10
3.1 Introduction.....	10
3.2 Seabed features assessment results in the Array study area.....	11
3.3 Seabed features assessment results in the ECR study area.....	19
4 CONCLUSIONS AND RECOMMENDATIONS.....	24
5 REFERENCES	29
APPENDICES	30
Appendix I Seabed features of archaeological potential.....	30

List of Tables

Table 1	Summary of survey equipment
Table 2	Software used for geophysical assessment
Table 3	Criteria for assigning data quality rating
Table 4	Summary table for multi datasets
Table 5	Criteria discriminating relevance of identified features to proposed scheme
Table 6	Anomalies of archaeological potential within the Array area
Table 7	Types of anomaly identified
Table 8	Anomalies of archaeological potential within the study area
Table 9	Types of anomaly identified
Table 10	Recommended AEZs within the study area

List of Figures

Cover

Figure 1	Location map
Figure 2	Anomalies of archaeological potential and archaeological exclusion zones
Figure 3	Data examples from Array datasets
Figure 4	Data examples from ECR offshore datasets
Figure 5	Data examples from ECR nearshore datasets

List of Sheets

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Summary

Wessex Archaeology was commissioned by Royal HaskoningDHV to assess data acquired from the Dogger Bank South Offshore Wind Farms, comprising DBS East and DBS West, in advance of the proposed development.

This report comprises two phases of assessment. The first is an assessment of the 2022 geophysical data over the Array study area, and the second an assessment of the 2022 geophysical data over the Export Cable Route study area. The study areas for both phases are defined by the client-supplied Dogger Bank South offshore development area shapefile.

This report consists of an assessment of marine geophysical survey data comprising sidescan sonar, magnetometer, multibeam echosounder and multibeam backscatter datasets, acquired by Fugro in 2022. The aim of this assessment is to identify any anomalies of archaeological potential within the two study areas, to further inform the planning process ahead of the proposed development scheme.

The assessment of the geophysical data within the Dogger Bank South Offshore Wind Farms study areas resulted in a total of 847 anomalies identified as being of possible archaeological interest. There were 495 anomalies identified in the Array study area and 352 anomalies identified in the Export Cable Route study area. These are summarised as follows:

- a total of 26 were assigned an A1 archaeological discrimination: anthropogenic origin of archaeological interest. Of these, 18 were located within the Array study area, and eight were located within the Export Cable Route study area;
- a total of 123 were assigned an A2_h archaeological discrimination: anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature. Sixty of these were located in the Array study area and 63 were located in the Export Cable Route study area;
- a total of 668 were assigned an A2_l archaeological discrimination: anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature. Of these 392 were located in the Array study area and 276 were located in the Export Cable Route study area;
- a total of 30 were assigned an A3 archaeological discrimination: historic record of possible archaeological interest with no corresponding geophysical anomaly. There were 25 of these located in the Array study area and five within in the Export Cable Route study area.

A total of 43 Archaeological Exclusion Zones have been recommended within the Dogger Bank South Offshore Wind Farms Array study area and 13 have been recommended in the Export Cable Route study area at this time. These are buffers around A1 and A3 discriminated anomalies. Buffers of 25 m, 50 m and 100 m have been recommended as deemed appropriate, based on the relationships between how well constrained the anomaly is, confidence in positioning, and the likelihood of further buried or low-lying material that is not currently visible. These Archaeological Exclusion Zones all have the potential to be modified and some may be able to be removed at a later date, should further information become available.

For features assigned A2_h or A2_l archaeological discriminations, no Archaeological Exclusion Zones are recommended at this time. However, avoidance of these features by micro-siting is recommended if they are proposed to be directly impacted by development in the future. If micro-siting is not possible, then further assessment to ascertain the nature of the features may be required.



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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Dogger Bank South OWF Archaeological Assessment of Geophysical Data for EIA

Archaeological assessment of 2022 Marine Geophysical Data

1 INTRODUCTION

1.1 Project background

- 1.1.1 Wessex Archaeology was commissioned by Royal HaskoningDHV to undertake an archaeological assessment of geophysical data as part of an Environmental Impact Assessment (EIA).
- 1.1.2 The Dogger Bank South (DBS) Offshore Wind Farms (OWF), consisting of DBS East and DBS West, are being developed by RWE and are located in the southern North Sea, offshore from the north-east of England (Figure 1). This work is to be submitted as part of the application for a Development Consent Order for the area. The Agreements for Lease areas for each project array cover just under 500 km². The associated Export Cable Route (ECR) comprises an area covering approximately 351 km², and extends from the array area to landfall on the East Yorkshire coast, east of Skipsea.
- 1.1.3 The study areas are defined by the client-supplied Dogger Bank South offshore development area shapefile, with an ECR study area containing the ECR routes for both OWFs and the individual East and West array areas combined into a single Array study area. The report consists of an assessment of geophysical survey data acquired by Fugro in 2022 comprising sidescan sonar (SSS), magnetometer (Mag.), multibeam echosounder (MBES) and multibeam backscatter (MBBS) datasets.
- 1.1.4 This report comprises two phases of assessment; the Array and the ECR. The first phase comprises assessment of geophysical survey data acquired in 2022 over the DBS Array study area. The Array study area survey comprised the acquisition of SSS, MBES and Mag. datasets.
- 1.1.5 The second assessment was undertaken in two stages; the DBS ECR was divided into the offshore and nearshore areas, with a separate methodology for each area. These were assessed simultaneously.
- 1.1.6 The ECR offshore area encompassed geophysical survey data comprising SSS, MBES, Mag. and MBBS datasets. For the purposes of this report the offshore area is defined as the client supplied DBS Offshore Export Cable Corridor shapefile, Blocks B,C,E & F.
- 1.1.7 The nearshore area is located off the east coast of North Yorkshire, approximately 15 km south of Flamborough Head. For the purposes of this report the nearshore area is defined as the client supplied DBS Offshore Export Cable Corridor shapefile, Block A.
- 1.1.8 The ECR route study area shapefile was updated mid-assessment to refine the route and also to include a 500 m temporary construction area on both sides of the offshore export cable corridor. Survey data were not obtained from the buffer, and only from the corridor itself, as illustrated in Figure 1.



1.1.9 The 2022 DBS Array survey data were assessed between March 2023 and August 2023 and the 2022 DBS ECR survey data were assessed between June 2023 and September 2023.

1.2 Aims and objectives

1.2.1 The aims and objectives of this assessment are to:

- 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; and
- provide recommendations for archaeological mitigation.

1.3 Coordinate system

1.3.1 The survey data collected by Fugro over both study areas were acquired in WGS84 UTM31N. The results are presented in WGS84 UTM31N.

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 Fugro;
- recorded wreck and obstruction data acquired from the United Kingdom Hydrographic Office (UKHO);
- relevant background mapping from the area (admiralty charts received from UKHO);
- client supplied survey reports (Fugro 2022a, b c, d, & e)
- Fugro contact lists supplied by the client.

2.2 Geophysical data – technical specifications

2.2.1 Geophysical data for the Array area were acquired by Fugro in 2022 using the vessels *Fugro Searcher*, *Fugro Frontier* and the *Mainport Geo* (Fugro 2022a, b, c). The *Fugro Searcher* and *Fugro Frontier* collected the majority of data, with the *Mainport Geo* undertaking a coarse grid of data across the area (Fugro 2022b, i).

2.2.2 The Array area was split into 31 Blocks for survey data collection (Fugro 2022b, 1). Blocks 1-23 were surveyed in the primary line direction of NNW by SSE and Blocks 24-31 were surveyed as crosslines oriented ENE by WSW (Fugro 2022b, 1). Data from Blocks 1-23 were provided to Wessex Archaeology for interpretation; therefore, crosslines were not analysed during this assessment and their technical specifications will not be listed. For this report the data will be assessed as one area, Blocks will not be used as subdivisions.

2.2.3 The *Mainport Geo* acquired data between 21 April and 15 May, this surveyed a broad grid of data with 1 km line spacing (Fugro 2022a). The *Fugro Searcher* acquired data between 07 August and 10 September for Blocks 1-5 at a line spacing of 100 m (Fugro 2022b). The



Fugro Frontier acquired data between 22 May and 23 October for Blocks 6-23 at a line spacing of 100 m (Fugro 2022c).

- 2.2.4 Geophysical data were acquired throughout the offshore ECR study area (Block B,C,E,F) by Fugro onboard the vessel *Fugro Discovery* between 15 June 2022 and 21 July 2022 at a line spacing of approximately 100 m. There were some areas in Blocks B and F that had a line spacing of 65 m due to a change in water depth to ensure complete coverage (Fugro 2022e). Further details on the equipment used is in Table 1.
- 2.2.5 The nearshore geophysical data covering Block A were acquired by Fugro on board survey vessel *Valkyrie* between 22 June 2022 and 31 July 2022. The line spacing was between 15 and 35 m depending on water depth (Fugro 2022d).
- 2.2.6 Over some sections of Block A, and a large section of Block B, the vessels were inhibited by fishing gear from obtaining data from towed sensors (SSS and Mag.). Where there was no data from towed sensors, it was agreed that MBBS would be additionally assessed in order to obtain the maximum amount of information over the areas possible (Fugro 2022d, e).

Table 1 Summary of survey equipment

Survey Company	Survey Vessel	Data Type	Equipment	Data Format
Fugro	<i>Mainport Geo</i>	MBES	Dual-head Kongsberg EM2040 MBES	.xyz and .tifw
		SSS	EdgeTech 4205 SSS (300/600 kHz, 120 m range)	.xtf and .tifw
		Mag.	Digital G-882 Marine Magnetometer	.csv
		Positioning	Fugro StarPack GNSS receiver with Starfix.G4 corrections	N/A
	<i>Fugro Searcher</i>	MBES	Dual-head Kongsberg EM2040 MBES	.xyz and .tifw
		SSS	EdgeTech 4205 SSS (300/600 kHz, 120 m range)	.xtf and .tifw
		Mag.	Digital G-882 Marine Magnetometer	.csv
		Positioning	Fugro StarPack GNSS receiver with Starfix.G4+ corrections	N/A
	<i>Fugro Frontier</i>	MBES	Dual Head Kongsberg EM2040 (04)	.xyz and .tifw
		SSS	Edgetech 4205 (230/540 kHz, 120 m range)	.xtf and .tifw
		Mag.	Geometrics G-882 fitted with a depth sensor and altimeter, towed from a ScanFish	.csv
		Positioning	Fugro StarPack GNSS receiver with StarFix.G2+ corrections	N/A
	<i>Fugro Discovery</i>	MBES	Dual-head Kongsberg EM2040	.xyz
		MBBS	Dual-head Kongsberg EM2040	.xyz
		SSS	EdgeTech 4205 SSS (300/600 kHz, 80 and 125 m range)	.xtf and .tifw
		Mag.	Geometrics G-882	.csv
Positioning		Fugro StarPack GNSS receiver with StarFix G2+ and XP2 corrections	N/A	
<i>Valkyrie</i>	MBES	Teledyne RESON T50 dual-head	.xyz	
	MBBS	Teledyne RESON T50 dual-head		



Survey Company	Survey Vessel	Data Type	Equipment	Data Format
		SSS	Edgetech 4205 (230/540/850 kHz, 15 to 30 m range)	.xtf
		Mag.	Geometrics G-882	.csv
		Positioning	Fugro StarPack GNSS receiver with StarFix.G4+ corrections	N/A
		MBES	Dual-head Kongsberg EM2040	.xyz

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 2).

Table 2 Software used for geophysical assessment

Dataset	Processing Software	Interpretation and rationalisation
MBES	QPS Fledermaus v8.5.2	ArcMap v10.8.1
MBBS	QPS Fledermaus v8.5.2	
SSS	CodaOctopus Survey Engine v8.5	
Mag.	In-house proprietary software	

Array study area

2.3.2 The SSS, MBES and Mag. datasets were used for this seabed features assessment.

2.3.3 The MBES data were analysed to identify any unusual seabed structures that could be shipwrecks or other anthropogenic debris. The data were provided gridded at 1.0 m and analysed using QPS Fledermaus software, which enables a 3-D visualisation of the acquired data and geo-picking of seabed anomalies.

2.3.4 The high frequency SSS mosaics were provided as .tifw files and were assessed using ArcMap. The low frequency SSS mosaics were used to infill gaps in the high frequency. In addition, positions taken from the survey company contact lists were checked to mitigate the possibility of anomalies of archaeological interest being missed. The contact lists were checked against the SSS mosaic for anomalies interpreted by the survey company as wreck, debris or suspected debris. If features were considered to be of possible archaeological origin in the mosaic, they were added to the gazetteer.

2.3.5 The Mag. data were processed using in-house proprietary software to identify any discrete magnetic contacts which could represent buried metallic debris or structures such as wrecks.

2.3.6 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 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.

2.3.7 It should be noted that the magnetometer is a passive sensor, and the effectiveness of the sensor to detect magnetic fluctuations caused by ferrous material decreases with increased distance from the target. As such, only significant ferrous objects (e.g. steel hulled wrecks)

will be identified between lines of surveys with relatively large line spacings, and smaller individual pieces of ferrous debris will not be detected - these smaller items are only likely to be detected when the sensor passes much closer to, or directly over, such objects. Larger numbers of magnetic anomalies are often found during subsequent higher resolution surveys than during initial lower resolution surveys; e.g. a pre-construction UXO survey with a shorter line spacing is likely to find additional anomalies between the more widely spaced survey lines of an original EIA/scoping survey.

- 2.3.8 For the purposes of this assessment, any identified magnetic anomalies have been classified depending on their amplitude as small (20 nT to 49 nT), medium (50 nT to 99 nT), large (100 nT to 999 nT) or very large (>1000 nT). A threshold approach has been used for this EIA and all three data types in the Array area have been subject to these. Anomalies picked from the SSS mosaic were subject to a threshold, being over 5 m in any one direction facilitated inclusion in the gazetteer. As with the SSS mosaics, anomalies seen in the MBES data were subject to a threshold, required to be over 5 m in any one direction to merit inclusion in the gazetteer. Any magnetic anomalies below 20 nT have been excluded based on ground-truthing information from similar large-scale sites. This has been applied to all magnetic anomalies throughout the study areas. Thresholding has been used to refine the process, facilitating identification of features of anthropogenic origin or archaeological interest, but not necessarily those with a more uncertain interpretation.
- 2.3.9 A sub-set of anomalies tagged by Wessex Archaeology in the SSS mosaics and Mag. data were further investigated in the individual line SSS data files (.xtfs). These data are referred to in this report as raw SSS data to distinguish them from the mosaics (even though some of the .xtf files received may have undergone some processing by Fugro). These included anything thought to be:
- wreck;
 - debris field;
 - anything deemed unusual and warranting further investigation due to its archaeological potential during interpretation, or at QC;
 - Mag. anomalies over 1000 nT (that are not known to be modern).
- 2.3.10 Anomalies assessed in the raw SSS data were not subject to a size threshold, as this process was designed to ensure the full extents of significant anthropogenic seabed features, including adjacent related small anomalies, were recorded to ensure AEZs are as comprehensive as possible.
- 2.3.11 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 around these positions of interest. 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.
- 2.3.12 It is standard practice for a mosaic of the SSS to be 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. For this project, the mosaics had already been created and provided by the client and these were used to finalise the positioning of anomalies from the raw SSS data.

- 2.3.13 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 be unrelated individual features, define the edges of a buried but intact feature, or may be all that remains as a result of past impacts from, for example, dredging or fishing. Assessment is made of such groups of anomalies during data interpretation to determine which of these alternatives is the most likely.

ECR study area

- 2.3.14 The selective approach undertaken for the data assessment over the offshore ECR area (Blocks B, C, E and F) was similar to that of the Array area.
- 2.3.15 The SSS, MBES and Mag. datasets were prioritised, however over the area in Block B with no towed sensor coverage, the MBBS data were assessed in place of the unacquired SSS and Mag.
- 2.3.16 The offshore MBES data were analysed to identify any unusual seabed structures that could be shipwrecks or other anthropogenic debris. The data were gridded at 1 m, however over the area in Block B with no SSS or Mag. coverage the data were gridded to a higher resolution, at 0.5 m. The MBES data were processed as described above for the Array area.
- 2.3.17 The offshore MBBS data were interpreted for any objects of possible anthropogenic origin. The data were gridded at 0.5 m using QPS Fledermaus software and geotiffs created. The images were loaded into ArcMap, and then individual features of possible archaeological potential were tagged and their positions and dimensions recorded.
- 2.3.18 The client provided SSS mosaics were used in ArcMap to interpret the SSS data. Both high and low frequency mosaics were assessed, with the high frequency mosaics primarily used for object detail, and the low frequency mosaics utilised for maximum coverage to fill in occasional gaps between the shorter range high frequency lines.
- 2.3.19 The Mag. data were processed and interpreted as described for the array above.
- 2.3.20 Anomalies tagged in the SSS mosaics, MBES, and MBBS were subject to a threshold of 5 m minimum size in one dimension. Anomalies tagged in the Mag. data were subject to a 20 nT threshold.
- 2.3.21 After this initial assessment had been completed, all anomalies considered to have archaeological potential were checked in the raw SSS data. The SSS data were processed as described above for the Array above.
- 2.3.22 The position of tagged anomalies of archaeological potential were assessed for any objects of possible anthropogenic origin in the raw SSS data. This involved 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. Any possible associated anomalies not visible in the initial assessment were also tagged, to ensure a complete picture over potentially complex anomalies. There was no size threshold for this stage of assessment. Mosaics were not produced by Wessex Archaeology to assess the quality of the sonar towfish positioning; the client-provided mosaic was used to finalise all SSS anomaly positioning where appropriate.



- 2.3.23 The nearshore ECR (Block A) assessment was undertaken as a full assessment of raw SSS data, MBES, MBBS and Mag. datasets. However, there were significant sections not covered by towed sensors, and in these areas a higher resolution of MBES data as well as MBBS data was provided. The minimum thresholds for anomaly sizes applied to interpretation of the offshore datasets was not applied to the nearshore area. The processing of each data type was the same as for the offshore area except where specified below.
- 2.3.24 The nearshore MBES data were gridded at 1 m, with a gridding resolution of 0.25 m over areas with no towed sensor coverage. The nearshore MBBS data were gridded at 0.25 m.
- 2.3.25 The high frequency .xtf SSS data files were processed using CodaOctopus Survey Engine Sidescan+ software as described above for the array data.
- 2.3.26 For the purposes of this assessment, any identified magnetic anomalies have been classified depending on their amplitude as small (5 nT to 49 nT), medium (50 nT to 99 nT), large (100 to 499 nT), or very large (>500 nT).
- 2.3.27 The client also provided contact lists from Fugro across the whole ECR. These were interrogated for any suspected debris or wrecks, and the positions for these types of features incorporated into our final gazetteers to ensure nothing was missed.

2.4 Geophysical data – data quality

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

Table 3 Criteria for assigning data quality rating

Data quality	Description
Good	Data which are clear and unaffected or only slightly affected by weather conditions, sea state, background noise or data artefacts. Seabed datasets are suitable for the interpretation of upstanding and partially buried wrecks, debris fields, and small individual anomalies. The structure of wrecks is clear, allowing assessments on wreck condition to be made. 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 Array MBES data were rated as ‘Good’ using the above criteria. The data quality and resolution of 1 m was found to be of a good standard and suitable for archaeological assessment of objects and debris over 1 m in size, sufficient given the 5 m threshold of this project.



- 2.4.3 The Array SSS mosaic has been rated as 'Good' using the above criteria. The high frequency data had some gaps, but the low frequency was sufficient to infill these. Overall the data were clear and suitable for interpretation.
- 2.4.4 The Array SSS raw data have been rated as 'Average' using the above criteria table. Some lines were found to be visibly striped, however this could be rectified within the software with limited impact on the line quality. Overall, the data was sufficiently clear to facilitate archaeological interpretation.
- 2.4.5 The Array Mag. data have been rated as 'Average' using the above criterial table. The data quality was suitable for archaeological assessment. The relatively wide line spacing of 100 m, typical for an EIA survey, means that smaller ferrous features which aren't directly covered by a line of Mag. data may not have been picked up in the data. However larger features such as wrecks and substantial ferrous debris were largely still identifiable in the data and, as such, the data set was considered suitable for archaeological interpretation.
- 2.4.6 Of note is a data gap within the area (Figure 1), which is present in all three data types acquired over the Array area (SSS, MBES and Mag.). The gap is centred on the position 419420E, 6045433N and measures a maximum length of 2399 m in the high frequency SSS mosaic and maximum width of 169 m in the MBES mosaic. This is possibly the result of avoiding an obstacle during data collection.
- 2.4.7 The offshore ECR SSS mosaic has been rated as 'Good'. The data were occasionally slightly affected by weather noise; however, this was minimal. The high frequency mosaic had been clipped to a range of 85 m to exclude the data distortion visible in the data files, and so therefore the low frequency mosaic was required to obtain coverage in the gaps. Therefore, there may be some areas in which anomalies were not imaged to a high enough resolution to be identified. Overall, this was not deemed to affect the data to a significant degree, although some smaller anomalies may be obscured. The data were considered suitable for archaeological interpretation.
- 2.4.8 The offshore ECR SSS raw data have been rated as 'Variable' using the above criteria table. The data displayed occasional weather noise and cable snatching due to sea state and/or weather conditions. Furthermore, the outer edges of the data were obscured as the range of 120 m was too far for the high frequency data. This also reduced the resolution of the high-frequency data. However, due to the SSS range and line spacing, it was still possible to achieve full SSS data coverage. Overall, the data were not affected to a significant degree and are therefore considered suitable for archaeological interpretation.
- 2.4.9 The offshore ECR MBES data were rated as 'Good' using the above criteria. The data quality and resolution of 1 m was found to be of a good standard and suitable for archaeological assessment of objects and debris over 1 m in size. The resolution of 0.5 m in Block B allows for archaeological assessment of objects and debris over 0.5 m in size.
- 2.4.10 The offshore MBBS data have been rated as 'Average'. There are areas of overlap between each line and these may obscure or distort some smaller anomalies. Overall, the data quality and resolution of 0.5 m was found to be of an acceptable standard allows for archaeological assessment of objects and debris over 0.5 m in size.
- 2.4.11 The offshore ECR Mag. data have been rated as 'Average' using the above criteria. The relatively wide line spacing of 100 m, typical for an EIA survey, means that smaller ferrous features which aren't directly covered by a line of Mag. data may not have been picked up in the data. However larger features such as wrecks and substantial ferrous debris were



largely still identifiable in the data and, as such, the data set was considered suitable for archaeological interpretation.

- 2.4.12 The nearshore ECR SSS raw data have been rated as 'Variable' using the above criteria table. The data displayed occasional weather noise and cable snatching due to sea state and/or weather conditions. However, due to the SSS range and line spacing, it was still possible to achieve full SSS data coverage. Overall, the data were not affected to a significant degree and are therefore considered suitable for archaeological interpretation.
- 2.4.13 The nearshore MBES data have been rated as 'Good'. The data quality and resolution of 0.25 m in some areas was found to be of a good standard with small objects and finer details visible. This dataset was considered suitable for archaeological assessment of objects and debris over 0.25 m in size. The data quality and resolution of 1 m across most of the nearshore area was found to be of a good standard which allows for archaeological assessment of objects and debris over 1 m in size.
- 2.4.14 The nearshore MBBS data have been rated as 'Average'. There are areas of overlap between each line and these may obscure or distort some smaller anomalies. Overall, the data quality and resolution of 0.25 m was found to be of an acceptable standard which allows for archaeological assessment of objects and debris over 0.25 m in size.
- 2.4.15 The nearshore ECR Mag. data were rated as 'Good' using the above criteria. The data quality and line spacing was found to be of a good standard, with very dense coverage of the area at a high sampling resolution. Overall, these data were suitable for archaeological assessment. See summary in Table 4.

Table 4 Summary table for multi datasets

Survey Details			Data Quality			
Operator and Year	Area	Vessel	MBBS	MBES	SSS	Mag.
Fugro 2022	Array	<i>Fugro Searcher, Fugro Frontier and the Mainport Geo</i>	N/A	Good	Good – Mosaic Average - Raw	Average
	Nearshore	<i>Valkyrie</i>	Average	Good – 0.25 m Good – 1.0 m	Variable	Good
	Offshore	<i>Fugro Discovery</i>	Average	Good	Good – Mosaic Variable – Raw	Average

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, a MBES anomaly, 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	A1	Anthropogenic origin of archaeological interest	SSS, MBES, MBBS, Mag.
Archaeological	A2_h	Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature	SSS, MBES, MBBS, Mag.
Archaeological	A2_l	Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature	SSS, MBES, MBBS, Mag.
Archaeological	A3	Historic record of possible archaeological interest with no corresponding geophysical anomaly	SSS, MBES, MBBS, Mag.
Non-archaeological	U1	Not of anthropogenic origin	SSS, MBES, MBBS, Mag.
Non-archaeological	U2	Known non-archaeological feature / Feature of non-archaeological interest	SSS, MBES, MBBS, Mag.
Non-archaeological	U3	Recorded loss	SSS, MBES, MBBS, Mag.
Non-impact	O1	Outside horizontal footprint of study area	SSS, MBES, MBBS, 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.

2.5.5 Any anomalies located outside of the defined study areas, either previously recorded in known databases (e.g. UKHO) or identified during this geophysical assessment, are deemed beyond the scope of the current assessment and are subsequently not included in this report.

3 SEABED FEATURES ASSESSMENT

3.1 Introduction

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

3.1.2 Several different survey specifications of data have been used in the following assessments. For anomalies identified where different data sets overlap, the size or



amplitude has been retained that corresponds with the clearest visualisation of the anomaly within the results listed in the Appendix.

- 3.1.3 The results for DBS OWF have been separated into their two main areas, the Array area and the ECR area, to aid in clarity. The ECR section contains the results of the nearshore and offshore ECR assessments.
- 3.1.4 The study area that each anomaly has been identified in has been recorded within the gazetteers in Appendix I.
- 3.1.5 As many of the anomalies within the gazetteer were interpreted from the SSS and MBBS mosaic geotiffs, height measurements will not be available. Where height measurements are present these have been taken from the SSS raw data during checks of significant anomalies, or have been taken from the MBES data. Within the gazetteer, the presence of a shadow for an anomaly seen on a SSS geotiff is mentioned in the text.
- 3.1.6 For the purposes of this assessment, we consider that magnetic anomalies closer to the flown Mag. line will have an increased likelihood of being detected. Larger or denser objects of ferrous material may be detected from further away, but smaller items may not be detected (see section 2.3.7).
- 3.1.7 Anomalies identified in the Mag. datasets have been classified according to magnetic amplitude. Those with a very large amplitude of over 1000 nT have been classified as A1. Anomalies with a large or very large amplitude between 100–999 nT have been classified as A2_h and those with a small or medium amplitude between 5–99 nT have been classified as A2_l.

3.2 Seabed features assessment results in the Array study area

- 3.2.1 The results of this assessment are collated in gazetteer format detailed in Appendix I and illustrated in Figures 2.01 – 2.24.
- 3.2.2 A total of 495 features have been identified as being of possible archaeological potential within the Array area and are discriminated as shown in Table 6.

Table 6 Anomalies of archaeological potential within the Array area

Archaeological discrimination	Quantity	Interpretation
A1	18	Anthropogenic origin of archaeological interest
A2_h	60	Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
A2_l	392	Anomaly of possible anthropogenic origin but the interpretation is uncertain; may be anthropogenic or a natural feature
A3	25	Historic record of possible archaeological interest with no corresponding geophysical anomaly
Total	495	

- 3.2.3 Furthermore, these anomalies can be classified by probable type, which can further aid in assigning archaeological potential and importance (Table 7).

Table 7 Types of anomaly identified

Anomaly classification	Definition	Number of anomalies
Wreck	Areas of coherent structure including wrecks of ships, submarines and some aircraft (where coherent structure survives)	6
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	13
Debris	Distinct objects on the seabed, generally exhibiting height or with evidence of structure, that are potentially anthropogenic in origin	9
Linear debris	Distinct linear objects on the seabed, either straight or curved, generally exhibiting height or with evidence of structure, that are potentially anthropogenic in origin. May represent linear anthropogenic debris which can include, for example, lengths of rope or chain or abandoned fishing gear.	12
Seabed disturbance	An area of disturbance, occasionally containing objects of uncertain origin. May indicate wreck debris or other anthropogenic features, or items buried just below the seabed, but lacking any definite anthropogenic structures. Precise nature is uncertain.	41
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	7
Dark reflector	Individual objects or areas of high reflectivity, displaying some anthropogenic characteristics. Precise nature is uncertain	57
Mound	A mounded feature with height not considered to be natural. Mounds may form over wreck sites or other debris.	3
Magnetic	No associated seabed surface expression, and have the potential to represent possible buried ferrous debris or buried wreck sites	322
Recorded Wreck	Position of a recorded wreck at which previous surveys have identified definite seabed anomalies, but for which no associated feature has been identified within the current data set.	24
Recorded obstruction	Position of a recorded obstruction (e.g. foul ground, fisherman's fastener recorded by the UKHO), but for which no associated feature has been identified within the current data set	1
Total		495

- 3.2.4 Eighteen anomalies within the DBS Array study area have been discriminated as A1 – Anthropogenic origin of archaeological interest.
- 3.2.5 Six of these anomalies were classified as wreck (**70006**, **70019**, **70128**, **70252**, **70349** and **70448**) (Sheets 1 to 6).
- 3.2.6 Wreck **70006** is isolated and mostly coherent, seen as an ovoid shape with what appears to be an upright and fairly intact hull measuring 23.3 x 12.6 x 0.9 m (Sheet 1). There is some indication of surviving deck structure. The north-eastern end is disjointed with some evidence of collapse with small angular dark reflectors visible outside the interpreted hull. It is on an approximate north-west to south-east alignment. This is associated with a 42 nT anomaly on the closest Mag. line located 60 m to the east. An absence of an associated UKHO record suggests the wreck is previously unrecorded.
- 3.2.7 Wreck **70019** is highly degraded and somewhat dispersed, seen across an area measuring 40.7 x 21.9 m (Sheet 2). Despite being broken up, significant height can still be seen at 3.1 m and some possible superstructure survives. This is oriented approximately north to

south. The wreck site is associated with a 699 nT Mag. anomaly seen on one profile line located around 30 m away. The anomaly corresponds with the location of UKHO 6900, a steam ship recorded on a Danish fishing chart and identified during diving in 1989 as a merchant vessel with lead pipe scattered on the seabed, hence it is known as the 'Lead Wreck'. This wreck was swept clear in 1960 and was recorded as being well dispersed in 1989. In 2020 the most prominent feature of the wreck was recorded as being a round cylinder.

- 3.2.8 There was one associated anomaly attributed an A1 classification due to its proximity to wreck **70019**. Debris field **70018** was seen in the SSS raw data as a group of distinct sub-angular dark reflectors measuring 5.2 x 4.7 x 0.2 m. It is located to the south of the wreck. A further three anomalies were considered possibly related to wreck **70019**; debris **70020**, debris **70021**, and debris field **70022**. As these are less clearly related, they have been assigned an A2_h classification and are described below.
- 3.2.9 Wreck **70128** is coherent and upstanding with a well-defined structure which measures 32.8 x 10.9 x 2.0 m (Sheet 3). It is oriented north-west to south-east with the bow likely to the north-west. There are indistinct linear and small sub-angular dark reflectors visible internally. It is associated with a very large anomaly of 649 nT in the Mag. data. It corresponds with the location of UKHO 97864, an unknown wreck, where it is described as being intact and sinking into the sand on one side, having been first identified in 2021.
- 3.2.10 A further three anomalies were considered possibly related to wreck **70128**; linear debris **70127**, linear debris **70129**, and debris **70130**. As these are less clearly related, they have been assigned an A2_h classification and are described below.
- 3.2.11 Wreck **70252** is visible as a distinct angular structure orientated NNW–SSE measuring 59.6 x 11.8 x 3.1 m (Sheet 4). The hull appears to be broken up, particularly along the western extents. Two large angular objects are present within the northern end. This is associated with a very large Mag. anomaly of 1001 nT; although this is superimposed on a broader signal from a pipeline around 100 m to the south. The feature is associated with a UKHO record for an unknown wreck (97582) first identified in 2021 and reported as being visibly decaying and broken up, with a small debris field at the SSW end.
- 3.2.12 Wreck **70252** is associated with debris fields **70249** and **70251**, both assigned A1 discriminations. Anomaly **70249** is located west of the wreck; it is seen as multiple dark reflectors, both angular and elongate on the SSS data, and as a seabed disturbance on the MBES. It measures 6.3 x 3.5 x 0.3 m. Anomaly **70251** is located east of wreck **70252** and appears as a slightly larger area of dark reflectors with height measuring 9.1 x 5.2 x 0.1 m. Neither feature has an associated Mag. anomaly, but the presence of such could be masked by the large Mag. anomaly associated with the wreck, therefore the presence or absence of ferrous material cannot be determined.
- 3.2.13 Wreck **70349** is seen as a coherent vessel measuring 31.0 x 7.0 x 2.8 m, aligned approximately NNE-SSW with the bow possibly to the SSW (Sheet 5). The wreck appears upright and is situated within sand ripples so its full extent may be buried. Some probable internal structure is indicated, the southern end slopes into the seabed and may be settled or partially buried. This is associated with a very large Mag. anomaly of 8797 nT. No UKHO record is associated with this wreck, suggesting it is unknown and unrecorded.
- 3.2.14 Wreck **70349** is associated with debris items **70348** and **70350**, both assigned A1 discriminations. Anomaly **70348** is an angular object measuring 7.2 x 2.1 x 0.3 m. It is located west of the southern end of the wreck. Anomaly **70350** is an elongate dark reflector

measuring 3.4 x 1.0 x 0.2 m. It is located west of the north-eastern end of the wreck. Neither anomaly has an associated Mag. anomaly, but the presence of such could be masked by the wreck, therefore the presence or absence of ferrous material cannot be determined. Additionally, these anomalies are located within sand ripples and any further associated debris may be buried.

- 3.2.15 Wreck **70448** is a distinct vessel oriented approximately north-west to south-east and measuring 29.6 x 7.8 x 2.5 m (Sheet 6). This contains a large internal feature, possibly a boiler. The hull appears fairly coherent, with the suggestion of some disintegration. This wreck is located 330 m north-west of UKHO record 6824 (**70444**) and is likely the wreck to which the record refers. However, due to the large distance between the wreck and the recorded location, they have been reported upon separately.
- 3.2.16 Wreck **70448** has one anomaly, debris **70449**, associated that has been assigned an A1 discrimination. This is located on the south-western side of the vessel, roughly midships and in close proximity at 7 m away. It is a rounded dark reflector measuring 2.7 x 2.3 x 0.2 m, which may be hollow in the centre.
- 3.2.17 Recorded wreck **70444** is an unknown wreck, recorded on a Danish fishing chart and confirmed as present in 1982. This is 330 m south-east of wreck **70448** and is likely to be the same.
- 3.2.18 One isolated debris field has been assigned an A1 discrimination. Anomaly **70030** is seen as three groups of possible debris that are potentially related and are associated with a very large Mag. anomaly of 2649 nT. The area measures 96.2 x 30.1 x 0.2 m in total. Interpreted as an area of slightly dispersed ferrous debris. The SSS image for this anomaly is presented in Figure 3.
- 3.2.19 One item of debris has been assigned an A1 archaeological discrimination. Anomaly **70264** has been interpreted as a sub-rounded object which casts a bright shadow in the SSS data and has a very large associated Mag. anomaly of 4747 nT. This has been interpreted as ferrous debris. The SSS waterfall image for this anomaly is seen in Figure 3.
- 3.2.20 Four magnetic anomalies with no associated visible seabed features were ascribed an A1 discrimination. Anomalies **70051**, **70118**, **70267** and **70299** were all identified in the Mag. data only. The anomalies vary in size between 1501 nT (**70299**) and 8377 nT (**70118**). These represent significant ferrous debris that is either buried or without surface expression. Anomalies **70267** and **70299** are illustrated in Figure 3.
- 3.2.21 Of the remaining 477 anomalies in the Array area, 60 have been ascribed an archaeological discrimination of A2_h - anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature.
- 3.2.22 A total of nine anomalies (**70016**, **70022**, **70221**, **70224**, **70287**, **70410**, **70466**, **70481** and **70496**) have been classified as debris fields; areas comprising a number of objects interpreted as possible debris. These range in size from 7.1 x 4.7 x 1.3 m (**70022**) to 57.0 x 14.2 x 0.5 m (**70466**). One of these anomalies has an associated Mag. anomaly of 86 nT (**70016**) and is interpreted as containing ferrous debris.
- 3.2.23 Debris field **70022** is likely associated with wreck **70019** (see 3.2.7). Also of interest is debris field **70496** which is located 270 m WSW of the recorded wreck location of **70495** (UKHO 6802), it is possible these are related but this cannot be discerned from the available data.



- 3.2.24 Five anomalies have been classed as items of debris **70020**, **70021**, **70059**, **70130** and **70189**. These range in size from 2.2 x 0.9 m (**70021**) to 20.3 x 1.9 m (**70059**). None have associated Mag. anomalies. Three of the anomalies are associated with wrecks – anomaly **70020** and **70021** are likely associated with wreck **70019**, and **70130** is likely associated with wreck **70128**.
- 3.2.25 A total of 12 anomalies were classified as linear debris with sizes between 4.1 x 3.8 m (**70127**) and 525.9 x 0.1 m (**70459**) (for full list see Appendix I). None have associated Mag. anomalies. These anomalies include possible rope or chain features, fishing gear and other anthropogenic linear features.
- 3.2.26 Thirty-nine anomalies discriminated as A2_h have been noted in the Mag. data for the Array study area, which are without associated SSS or MBES anomalies (for full list see Appendix I). The anomalies vary in size between 103 nT (**70395** and **70400**) and 690 nT (**70108**). These indicate potential ferrous debris that is either buried or without surface expression.
- 3.2.27 Of the remaining 417 anomalies in the Array study area, 392 have been ascribed an archaeological potential rating of A2_I - anomaly of possible anthropogenic origin but the interpretation is uncertain; may be anthropogenic or a natural feature.
- 3.2.28 In total, 41 seabed disturbances are noted in the Array study area; a feature or group of features of uncertain origin (for full list see Appendix I). These are varied in shape, measuring between 5.4 x 2.6m (**70397**) and 69.3 x 20.6m (**70071**). No associated Mag. anomalies are present. These are of uncertain origin and could either be natural features or represent debris buried just beneath the seabed.
- 3.2.29 Seven bright reflectors are present in the Array study area, none of which have associated Mag. anomalies (for full list see Appendix I). They range in size between 3.8 x 2.9 m (**70247**) and 52.2 x 1.0 m (**70464**). These anomalies potentially represent pieces of debris that absorb rather than reflect acoustic waves, such as waterlogged wood or synthetic material, or seabed scars.
- 3.2.30 A total of 57 dark reflectors were noted in the Array study area; features of uncertain origin (see Appendix I). These measure between 0.3 x 0.2 x 0.2 m (**70248**) and 76.6 x 0.8 m (**70183**). Eleven of these may possibly be associated with a nearby wreck, but are unclear and so have been retained as a precaution. Three of these (**70029**, **70248** and **70531**) may have magnetic responses masked by their proximity to larger Mag. anomalies. Dark reflectors could either be individual pieces of debris or natural features; ground truthing would be needed to further determine their archaeological potential.
- 3.2.31 Three anomalies have been classified as mounds, **70073**, **70147**, and **70182**. These vary in size between 9.9 x 2.8 m (**70182**) and 22.0 x 14.2 x 0.8 m (**70147**). The mounds are of uncertain origin and could represent debris covered by seabed sediment or be natural features.
- 3.2.32 A total of 284 Mag. anomalies discriminated as A2_I have been noted in the Array area, all of which are without associated SSS or MBES anomalies. These range from 19 nT (**70114**) to 99 nT (**70226**) and indicate potential ferrous debris that is either buried or without surface expression.
- 3.2.33 Of the 25 anomalies, that have been ascribed an archaeological discrimination of A3 (historic record of possible archaeological interest with no corresponding geophysical anomaly) in the Array study area, 24 are recorded wrecks. They are recorded wreck

locations for which no remains were visible in the geophysical data. Of these, seven are recorded by the UKHO as having been seen as material on the seabed.

- 3.2.34 Record **70035** is the reported position of UKHO 6896, an unknown wreck recorded on a Danish fishing chart in 1965. This was reported as having been visually located in 1989, but has since been amended to dead in 2002. No anomalies were visible at this location in the current assessment, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.
- 3.2.35 Record **70076** is the reported location of UKHO 6898, an unknown dangerous wreck. This was first reported in 1915 and last updated in 1972 from a Danish fishing chart. No anomalies were visible at this location in the current assessment, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.
- 3.2.36 Record **70146** is the reported position of UKHO 6870, a small unknown wreck, recorded as dangerous. This was first located and dived in 1989, a survey in 1990 failed to identify it in bathymetric data and the record was amended to dead. No anomalies were visible at this location in the current assessment, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.
- 3.2.37 Record **70220** is the reported location of UKHO 6838, an unknown wreck. This was identified in 1982, but has since been amended to dead. No anomalies were visible at this location in the current assessment, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.
- 3.2.38 Record **70271** is the reported position of UKHO 6815, an unknown dangerous wreck. This was first reported in 1960, and was recorded as being present on a 1965 edition Danish fishing chart in 1972. No anomalies were visible at this location in the current assessment, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.
- 3.2.39 Record **70286** is the reported location of UKHO 6808, an unknown dangerous wreck. This was first noted in 1959, was shown on a Danish fishing chart and last recorded in 1978. No information is provided in the record of its dimensions or condition. No anomalies were visible at this location in the current assessment, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.
- 3.2.40 Record **70444** is the reported position of UKHO 6824, an unknown wreck. This was present on a Danish fishing chart and was visually observed as present in 1982. This position is 330 m south-east of observed wreck 70448 and may represent this wreck although this is uncertain. No anomalies were visible at this location in the current assessment, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.
- 3.2.41 Seventeen historic records (see Appendix I for full list) identified within the study area have never had any corresponding material visually confirmed at these locations (either through geophysical survey or through visual inspection of the seabed). All have been retained



within the gazetteer as a precaution for recording purposes due to their presence on Danish fishing charts indicating that material may be present. These are described in further detail below.

- 3.2.42 Sixteen of these historic records have been classified as recorded wrecks.
- 3.2.43 Record **70004** is the reported position of an unknown wreck (UKHO 6897), recorded on a Danish fishing chart in 1976 and reported as not visually or radar conspicuous. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.44 Record **70107** is the reported position of an unknown wreck (UKHO 6780), first observed in 1898 as three masts above the water and subsequently shown on a Danish fishing chart (5400) at this updated position. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.45 Record **70181** is the reported position of an unknown wreck (UKHO 6793), first observed in 1920 as two masts showing above the water. It is unknown if the vessel was still floating in the water column or resting on the seabed (although the charted seabed depth of this location is 19 m below CD). Possibly indicative of wreckage or a submerged feature at this location, though no material was identified in subsequent surveys in 1960, 1968 or this most recent in 2022, which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.46 Record **70211** is the reported position of an unknown wreck (UKHO 6796), first recorded as two masts showing above the water in 1920. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.47 Record **70340** is the reported position of an unknown wreck (UKHO 6801), recorded on Danish fishing chart 5400. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.48 Record **70378** is the reported position of an unknown wreck (UKHO 6805), recorded on Danish fishing chart 5400. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.49 Record **70419** is the reported position of an unknown wreck (UKHO 6804), recorded on Danish fishing chart 5400. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.50 Record **70462** is the reported position of an unknown wreck (UKHO 6792), recorded on a Danish fishing chart and reported to UKHO in 1972. Possibly indicative of wreckage or a

submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.

- 3.2.51 Record **70463** is the reported position of an unknown wreck (UKHO 6794), recorded on a Danish fishing chart and reported to UKHO in 1972. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.52 Record **70467** is the reported position of an unknown wreck (UKHO 6798), recorded on a Danish fishing chart and reported to UKHO in 1972. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.53 Record **70473** is the reported position of an unknown wreck (UKHO 6803), recorded on a Danish fishing chart and reported to UKHO in 1972. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.54 Record **70474** is the reported position of an unknown wreck (UKHO 6807), recorded on a Danish fishing chart and reported to UKHO in 1972. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.55 Record **70476** is the reported position of an unknown wreck (UKHO 6822), recorded on a Danish fishing chart and reported to UKHO in 1972. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.56 Record **70486** is the reported position of an unknown wreck (UKHO 6795), recorded on a Danish fishing chart and reported to UKHO in 1972. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.57 Record **70491** is the reported position of an unknown wreck (UKHO 6799), recorded on a Danish fishing chart and reported to UKHO in 1972. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets which suggests that any material has since been buried by mobile sediments or the record is inaccurately positioned.
- 3.2.58 Record **70493** is the reported position of an unknown wreck (UKHO 6800), recorded on a Danish fishing chart in 1972 and reported as not visually or radar conspicuous. Possibly indicative of wreckage or a submerged feature at this location. No material was identified at this location within the most recent 2022 datasets, however this position is located 22 m north of Mag. anomaly **70492** (38 nT; see Figure 2.22) and may be associated but this cannot be certain. Any material relating to this record may have since been buried by mobile sediments or the record is inaccurately positioned.

- 3.2.59 The remaining anomaly in the Array study area has also been ascribed an archaeological discrimination of A3, as a recorded obstruction. This is **70458**, UKHO 6791, for which no remains were visible in the geophysical data. It was first recorded in 1972 as a wreck shown on a Danish fishing chart of 1965, but an intensive survey in 1985 was unable to locate any remains. The record was amended to foul ground on the basis of three small contacts being seen within 50 m of the position. The position may have been buried by mobile sediments, or the record may be inaccurately positioned – it has been retained as a precaution for the purposes of this assessment.
- 3.2.60 There was one modern wreck visible in the Array study area that was not included in the final gazetteer as it was discriminated as U2 and deemed not archaeologically significant.
- 3.2.61 UKHO 6772 and UKHO 97394 record the wreck of the *Annemarie Palm 2*, located at 432202E, 6034504N. This was a motor vessel which sank on passage from Tees to Leer in 1969, with a cargo of fertiliser. It was dived in 1987 and 1990 and was observed to have a badly damaged midships, with intact bow and stern. The wreck was last examined in 2021 and reported to be broken up in three sections within scour. It was covered by the 2022 datasets and identified in the SSS datasets as a distinct group of long linear dark reflectors surrounding a large central bright reflector. Visible in the MBES dataset as three distinct elongate mounds within an area of scour. Associated with a very large, sharp asymmetric dipole with peak and trough on one profile line in the Mag. data measuring 12608 nT. As this is a known modern feature (discriminated as U2), it was not included in the final gazetteer.
- 3.2.62 A second modern recorded wreck was recorded as being in the Array area that was not included in the final gazetteer. This was a recorded wreck and was discriminated as U3 and deemed not archaeologically significant.
- 3.2.63 UKHO 6782 records the wreck of the *Emmalies Funk*, located at a 424317E, 6039806N. This was a steamship abandoned and sunk in 1973. The wreck was not located in subsequent surveys and has been amended to dead. It was also not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments. However, the nearest Mag. survey line passes 10 m to the east of this position and no anomaly has been detected. It is therefore more likely that the recorded position is inaccurate. As this is a known modern feature with only a recorded position (discriminated as U3), it was not included in the final gazetteer.

3.3 Seabed features assessment results in the ECR study area

- 3.3.1 The results of this assessment are collated in gazetteer format detailed in Appendix I and illustrated in Figures 2.10, 2.22, 2.25 – 2.41.
- 3.3.2 A total of 352 features have been identified as being of possible archaeological potential within the ECR 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	8	Anthropogenic origin of archaeological interest
A2_h	63	Anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature
A2_l	276	Anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature



A3	5	Historic record of possible archaeological interest with no corresponding geophysical anomaly
Total	352	

3.3.3 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

Anomaly classification	Definition	Number of anomalies
Wreck	Areas of coherent structure including wrecks of ships, submarines and some aircraft (where coherent structure survives)	3
Debris field	A discrete area containing numerous individual debris items that are potentially anthropogenic, and can include dispersed wreck sites for which no coherent structure remains	9
Debris	Distinct objects on the seabed, generally exhibiting height or with evidence of structure, that are potentially anthropogenic in origin	11
Linear debris	Distinct linear objects on the seabed, either straight or curved, generally exhibiting height or with evidence of structure, that are potentially anthropogenic in origin. May represent linear anthropogenic debris which can include, for example, lengths of rope or chain or abandoned fishing gear.	31
Seabed disturbance	An area of disturbance without individual, distinct objects. Potentially indicates wreck debris or other anthropogenic features buried just below the seabed.	19
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	1
Dark reflector	Individual objects or areas of high reflectivity, displaying some anthropogenic characteristics. Precise nature is uncertain	53
Mound	A mounded feature with height not considered to be natural. Mounds may form over wreck sites or other debris.	25
Magnetic	No associated seabed surface expression, and have the potential to represent possible buried ferrous debris or buried wreck sites	195
Recorded Wreck	Position of a recorded wreck at which previous surveys have identified definite seabed anomalies, but for which no associated feature has been identified within the current data set.	4
Recorded obstruction	Position of a recorded obstruction (e.g. foul ground, fisherman's fastener recorded by the UKHO), but for which no associated feature has been identified within the current data set	1
Total		352

3.3.4 Eight anomalies (**70571**, **70572**, **70573**, **70574**, **70599**, **70627**, **70628**, and **70774**) within the DBS ECR study area have been discriminated as A1 – Anthropogenic origin of archaeological interest.

3.3.5 Three of these anomalies have been classified as wrecks. Wreck **70572** was identified as a distinct curved dark reflector with complex internal dark reflectors indicating internal structure. It appears partially covered by sandwaves and the visible remains measure 31.0 x 10.0 x 1.0 m. There is an associated Mag. anomaly measuring 164 nT indicating ferrous material present. This feature corresponds with UKHO 6617, an unknown wreck that is only periodically visible. See Sheet 7 for more information.

- 3.3.6 There were three associated anomalies attributed an A1 discrimination due to their proximity to wreck **70572**. Debris field **70571** was located to the north of wreck **70572** and measured 25.4 x 13.8 x 0.2 m and was visible as a series of angular dark reflectors, potentially partially buried. Debris field **70573** was located to the south and visible as an area of linear dark reflectors measuring 10.2 x 3.1 x 0.1 m. Anomaly **70574** was an elongate and slightly rounded dark reflector, located to the WNW of the wreck, and has been classified as debris.
- 3.3.7 Wreck **70628** was only partially covered by the SSS datasets and was identified as distinct elongate dark reflector with some complex internal reflectivity likely indicating structure. It measured at least 35.4 x 14.0 x 2.1 m. The wreck is situated in an area of sandwaves which may periodically cover the wreck. This corresponds with UKHO 6596, an unknown wreck that is possibly in three segments. See Sheet 8 for more information.
- 3.3.8 An item of debris, anomaly **70627**, was identified approximately 8 m to the east of wreck **70628**, and due to the proximity and likelihood of being associated debris, has been attributed an A1 discrimination. It was identified as a sub-rounded dark reflector measuring 4.1 x 1.5 m.
- 3.3.9 The third wreck in the ECR study area was wreck **70774**. It was visible in the SSS as a series of dark reflectors across an area measuring 12.5 x 2.5 x 0.4 m, with one larger and more distinct dark reflector measuring 1.7 x 0.8 x 0.3 m. It was also associated with a very large Mag. anomaly measuring 904 nT. Corresponds with UKHO 97497, an unknown wreck that is heavily degraded and reported to have part of the bow and boiler visible. See Sheet 9 for more information.
- 3.3.10 One Mag. anomaly has been classified as A1 within the ECR study area. Anomaly **70599** measures 1575 nT and has no corresponding SSS or MBES features and can be seen in Figure 4.
- 3.3.11 A total of 63 anomalies within the ECR study area have been classified as A2_h - anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature.
- 3.3.12 Seven of these anomalies have been classified as debris fields; areas comprising a number of objects interpreted as possible debris.
- 3.3.13 One of these debris fields, anomaly **70565**, has an associated Mag. anomaly indicating a ferrous debris field. The anomaly consists of a series of irregular dark reflectors covering an area 7.3 x 3.8 m, and the associated Mag. anomaly measures 102 nT.
- 3.3.14 The remaining six debris fields, **70577**, **70591**, **70600**, **70614**, **70766**, and **70803**, range in size from 3.3 x 2.3 x 0.1 m (**70803**) up to 22.8 x 9.1 x 0.4 m (**70766**). See Figure 4 for an example of a debris field.
- 3.3.15 There are a total of nine anomalies that have been classified as individual pieces of possible debris (for full list see Appendix I). These anomalies range in size from 1.2 x 0.8 m (**70615**) up to 13.8 x 1.0 x 0.4 m (**70557**). Examples of identified debris are depicted in Figure 5.
- 3.3.16 Of these anomalies, five have an associated Mag. anomaly, **70611**, **70615**, **70642**, **70725**, and **70794**. These range from 17 nT (**70725**) to 77 nT (**70611**). These have been interpreted as ferrous debris.

- 3.3.17 There are 31 anomalies that have been classed as linear debris (for full list see Appendix I). Some of these anomalies has been interpreted as rope or chain. Fourteen anomalies are visible as curvilinear dark reflectors that vary in size from 6.0 x 0.2 x 0.1 m (**70804**) up to 92.1 x 0.7 m (**70570**), and one is only visible in the MBES data as a curvilinear mound measuring 17.3 x 0.9 x 0.1 m (**70765**) which can be seen in Figure 5.
- 3.3.18 A further 15 of these linear debris anomalies range in size from 12.5 x 0.1 x 0.1 m (**70749**) up to 1431.7 m (**70739**). All have been identified as a linear series of objects or mounds, either with or without a connecting linear feature visible, possibly indicating a modern feature such as fishing gear. However, this cannot be confirmed without visual inspection, and all may represent other linear debris, which is why they have been retained as A2_h anomalies.
- 3.3.19 An item of linear debris with a different interpretation is anomaly **70849**. This was identified as a series of 14 dark reflectors on an ENE to WSW alignment. This was interpreted as a possible modern groyne, however this cannot be confirmed without visual inspection and so has been retained.
- 3.3.20 There are 16 Mag. anomalies that have been classified as A2_h (for full list see Appendix 1). These range from anomaly **70546** with an amplitude of 107 nT, and up to anomaly **70817** with an amplitude of 467 nT. Examples can be seen in Figure 4 & 5.
- 3.3.21 Of the remaining anomalies in the ECR study area, 276 have been ascribed an archaeological potential rating of A2_l - anomaly of possible anthropogenic origin but the interpretation is uncertain; may be anthropogenic or a natural feature.
- 3.3.22 A total of 19 anomalies (for full list see Appendix I) have been classified as seabed disturbances; a feature or group of features of uncertain origin. These are varied in shape, measuring between 1.3 x 1.0 m (**70831**) and 15.7 x 4.9 x 0.4 m (**70536**), and of these 14 have height, varying from 0.1 m (**70722** and **70586**) to 1.2 m (**70633**). No associated Mag. anomalies are present. These features are of uncertain origin and could either be natural features or represent debris buried just beneath the seabed.
- 3.3.23 One anomaly (**70761**) has been classified as a bright reflector; a feature of uncertain origin. This anomaly was identified in the MBBS data as a single linear reflector approximately 1.5 m in length with three reflectors extending south 0.5 m and has no corresponding MBES features. This location was not covered by the SSS or Mag. datasets. This anomaly has been interpreted as a possible natural feature or may be possible debris.
- 3.3.24 A total of 53 anomalies (for full list see Appendix I) have been classified as dark reflectors; features of uncertain origin. These anomalies generally range in size from 1.0 x 0.6 x 0.2 m (**70826**) up to 19.2 x 1.7 x 0.8 m (**70518**). There is one very long dark reflector, anomaly **70539**, that measures 84.3 x 0.5 x 0.1 m. It is partially obscured by megaripples and its true nature unclear, and so has been retained as an A2_l. These have all been interpreted to be possible natural features or may be possible debris.
- 3.3.25 In total, 25 anomalies have been classified as mounds (for full list see Appendix I). These vary in size between 0.9 x 0.9 x 0.3 m (**70776**) and 16.3 x 2.5 x 0.2 m (**70576**). The mounds are of uncertain origin and could represent debris covered by seabed sediment or natural features.
- 3.3.26 A total of 178 Mag. anomalies identified in the ECR study area have been classified as A2_l, none of which have a clearly corresponding anomalous SSS or MBES feature associated.



These range from 6 nT (**70848**) to 97 nT (**70683**) and indicate potential ferrous debris that is either buried or has no surface expression.

- 3.3.27 Five anomalies in the ECR study area have been ascribed an archaeological discrimination of A3 - historic record of possible archaeological interest with no corresponding geophysical anomaly. Four of these are recorded wrecks, and the fifth is a recorded obstruction.
- 3.3.28 Record **70534** is the location of UKHO 6849, an unknown wreck last surveyed in 1986, observed to be lying between sandwaves and measuring 25 m in length and 1.9 m in height. This location was not covered by the 2022 datasets, so no comment can be made on the presence or current condition of this feature. This position has been retained as a precaution for recording purposes.
- 3.3.29 Record **70644** corresponds with the location of UKHO 6773. This represents the position of an unknown wreck from Danish fisheries chart 5400 and no corresponding features have ever been located at either location. This location was not covered by the 2022 datasets, so no comment can be made on the presence or current condition of this feature. This position has been retained as a precaution for recording purposes.
- 3.3.30 Record **70653** is the location of a dead wreck (UKHO 6586). The record is that of the location of the wreck *Resercho* (Possibly), which was mined and sunk in 1939, although the record further states that in 1986 during a search for aircraft wreckage, this wreck was likely to be related to a crashed Tornado, large parts of which have been recovered in the vicinity. The wreck was last investigated by MBES survey in 2016 but was not visible in the data and the wreck was amended to “dead”. No anomalous features were identified in the 2022 data at this location during this assessment. This may be due to the fact the some of the wreckage has been recovered; however, as the record does not state that all of the wreckage was recovered, there is still the possibility of material being present on, or below, the seabed. This position has been retained as a precaution for recording purposes.
- 3.3.31 Record **70659** corresponds with the location of the wreck of the *Feltre* (UKHO 6470), an Italian steamship which sank in August 1917 after being torpedoed by UB-32. The record states that the wreck was last surveyed in September 2016 when it was identified as a broken-up wreck, measuring 135.4 x 34.2 x 11.3 m, with a strong associated Mag. anomaly. This location was not covered by any of the 2022 datasets and, as such, no comment can be made on the wreck's current condition. This position has been retained as a precaution for recording purposes.
- 3.3.32 The recorded obstruction is anomaly **70555**, the reported location of UKHO 6783 which was an obstruction seen as an area of sharp spikes in 1968. This was amended to “dead” in 1986 after a subsequent survey only identified an area of sandwaves. This location is not covered by the 2022 datasets, so no comment can be made on the presence or current condition of this feature. This position has been retained as a precaution for recording purposes.
- 3.3.33 There were two modern wrecks in the ECR study area that were not included in the final gazetteer as they were discriminated as U2 and deemed not archaeologically significant. However, these are listed below in order to highlight the records.
- 3.3.34 UKHO 6485 records the wreck of the *Storm Drift*, located at 317572E, 6000127N. This was a fishing vessel sunk on the 9 February 1980 after nets fouled on the bottom. It was last surveyed in 2016 and recorded to be at a general depth of 50 m, with dimensions of 15.0 x 9.0 x 1.0 m and was considerably degraded. It was covered by the 2022 datasets and

identified in the SSS dataset as a series of indistinct irregularly shaped dark reflectors with shadows. It was associated with a medium asymmetric dipole with peak and trough on one profile line in the Mag. data measuring 83 nT. As this is a known modern feature (discriminated as U2), it was not included in the final gazetteer.

- 3.3.35 UKHO 6486 records the wreck of *Our Lorraine*, located at 316663E, 5998705N. This was a fishing vessel sunk on the 9 September 1975 after breaking down. It sank whilst in tow after all crew were removed. It was last surveyed in 2016 and recorded to be at a general depth of 50 m, and measured 15.2 x 11.9 x 1.5 m, with an orientation of 090/270 degrees. This location was not covered by the 2022 datasets, so no comment can be made on the presence or current condition of this feature.

4 CONCLUSIONS AND RECOMMENDATIONS

4.1 Seabed features

- 4.1.1 The assessment of the geophysical data within the DBS OWF study areas resulted in a total of 847 anomalies identified as being of possible archaeological interest. There were 495 anomalies identified in the Array study area and 352 anomalies identified in the ECR study area. These are summarised as follows:

- a total of 26 were assigned an A1 archaeological discrimination; anthropogenic origin of archaeological interest. Of these, 18 were located within the Array study area, and eight were located within the ECR study area;
- a total of 123 were assigned an A2_h archaeological discrimination; anomaly of likely anthropogenic origin but of unknown date; may be of archaeological interest or a modern feature. 60 of these were located in the Array study area and 63 were located in the ECR study area;
- a total of 668 were assigned an A2_l archaeological discrimination; anomaly of possible anthropogenic origin but interpretation is uncertain; may be anthropogenic or a natural feature. 392 of these were located in the Array study area and 276 were located in the ECR study area;
- a total of 30 were assigned an A3 archaeological discrimination; historic record of possible archaeological interest with no corresponding geophysical anomaly. There were 25 of these located in the Array study area and five within in the ECR study area.

AEZs

- 4.1.2 A total of 43 AEZs have been recommended within the Dogger Bank South Offshore Wind Farms Array study area and 13 have been recommended in the ECR study area at this time. These are buffers around A1 and A3 discriminated anomalies. Buffers of 25 m, 50 m and 100 m have been recommended as deemed appropriate, based on the relationships between how well constrained the anomaly is, confidence in positioning, and the likelihood of further buried or low lying material that is not currently visible. Anomalies that consist only of point data with uncertain, possibly buried, extents have been attributed a 100m buffer, this includes all A3s and Mag. anomalies.



4.1.3 These AEZs all have the potential to be modified and some may be able to be removed at a later date, should further information become available. AEZs are recommended as follows (Table 10):

Table 10 Recommended AEZs within the study area

ID Number	Classification	Area	Position (WGS84 UTM31N)		Archaeological Discrimination	Exclusion Zone
			Easting	Northing		
70006	Wreck	Array	440339	6028771	A1	50 m around visible wreck extent
70018	Debris field	Array	440379	6037905	A1	25 m buffer merged with Wreck 70019
70019	Wreck	Array	440388	6037926	A1	100 m around visible wreck extent
70030	Debris field	Array	438293	6041881	A1	50 m around visible feature extents
70051	Magnetic	Array	435289	6047757	A1	100 m centred on reported position
70118	Magnetic	Array	429045	6050204	A1	100 m centred on reported position
70128	Wreck	Array	430247	6032452	A1	50 m around visible wreck extents
70249	Debris field	Array	412362	6045700	A1	25 m buffer merged with Wreck 70252
70251	Debris field	Array	412413	6045729	A1	25 m buffer merged with Wreck 70252
70252	Wreck	Array	412408	6045711	A1	50 m around visible wreck extents
70264	Debris	Array	411305	6053692	A1	25 m centred on reported position
70267	Magnetic	Array	410130	6056308	A1	100 m centred on reported position
70299	Magnetic	Array	403769	6060507	A1	100 m centred on reported position
70348	Debris	Array	399634	6059714	A1	25 m buffer merged with Wreck 70349
70349	Wreck	Array	399649	6059722	A1	50 m around visible wreck extents
70350	Debris	Array	399662	6059731	A1	25 m buffer merged with Wreck 70349
70448	Wreck	Array	391947	6062989	A1	50 m around visible wreck extent
70449	Debris	Array	391939	6062981	A1	25 m buffer merged with Wreck 70448



ID Number	Classification	Area	Position (WGS84 UTM31N)		Archaeological Discrimination	Exclusion Zone
			Easting	Northing		
70004	Recorded wreck	Array	440393	6028342	A3	100 m centred on recorded position
70035	Recorded wreck	Array	439636	6028351	A3	100 m centred on recorded position
70076	Recorded wreck	Array	435009	6030270	A3	100 m centred on recorded position
70107	Recorded wreck	Array	429831	6038229	A3	100 m centred on recorded position
70146	Recorded wreck	Array	429382	6032307	A3	100 m centred on recorded position
70181	Recorded wreck	Array	422317	6049113	A3	100 m centred on recorded position
70211	Recorded wreck	Array	416966	6051063	A3	100 m centred on recorded position
70220	Recorded wreck	Array	415230	6057336	A3	100 m centred on recorded position
70271	Recorded wreck	Array	412413	6045729	A3	100 m centred on recorded position
70286	Recorded wreck	Array	408249	6057782	A3	100 m centred on recorded position
70340	Recorded wreck	Array	402241	6053486	A3	100 m centred on recorded position
70378	Recorded wreck	Array	398793	6055787	A3	100 m centred on recorded position
70419	Recorded wreck	Array	395549	6055119	A3	100 m centred on recorded position
70444	Recorded wreck	Array	392261	6062897	A3	100 m centred on recorded position
70458	Recorded obstruction	Array	391397	6049161	A3	100 m centred on recorded position
70462	Recorded wreck	Array	393159	6049609	A3	100 m centred on recorded position
70463	Recorded wreck	Array	392061	6049918	A3	100 m centred on recorded position
70467	Recorded wreck	Array	393068	6052579	A3	100 m centred on recorded position
70473	Recorded wreck	Array	392322	6055195	A3	100 m centred on recorded position
70474	Recorded wreck	Array	392635	6057042	A3	100 m centred on recorded position



ID Number	Classification	Area	Position (WGS84 UTM31N)		Archaeological Discrimination	Exclusion Zone
			Easting	Northing		
70476	Recorded wreck	Array	391671	6061703	A3	100 m centred on recorded position
70486	Recorded wreck	Array	388892	6051381	A3	100 m centred on recorded position
70491	Recorded wreck	Array	390126	6053392	A3	100 m centred on recorded position
70493	Recorded wreck	Array	389054	6053603	A3	100 m centred on recorded position
70495	Recorded wreck	Array	390141	6054010	A3	100 m centred on recorded position
70571	Debris field	ECR offshore	358909	6033583	A1	50 m buffer merged with Wreck 70572
70572	Wreck	ECR offshore	358904	6033574	A1	50 m buffer around current feature extent
70573	Debris field	ECR offshore	358906	6033568	A1	50 m buffer merged with Wreck 70572
70574	Debris	ECR offshore	358875	6033584	A1	25 m buffer merged with Wreck 70572
70627	Debris	ECR offshore	333923	6009726	A1	25 m buffer merged with Wreck 70628
70628	Wreck	ECR offshore	333909	6009714	A1	50 m buffer around current feature extent
70774	Wreck	ECR nearshore	292143	5987147	A1	100 m buffer around current feature extent
70534	Recorded wreck	ECR offshore	380150	6036054	A3	100 m around recorded position
70555	Recorded wreck	ECR offshore	372484	6042818	A3	100 m around recorded position
70599	Magnetic	ECR offshore	346370	6022437	A1	100 m around recorded position
70644	Recorded wreck	ECR offshore	405957	6034121	A3	100 m around recorded position
70653	Recorded wreck	ECR offshore	308058	5993801	A3	100 m around recorded position
70659	Recorded wreck	ECR offshore	305470	5991998	A3	100 m around recorded position

4.1.4 For features assigned A2 archaeological discrimination, no AEZs are recommended at this time. However, avoidance of these features by micro-siting is recommended if they are



proposed to be directly impacted by development in the future. If micro-siting is not possible, then further assessment to ascertain the nature of the features may be required.

- 4.1.5 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 Protocol for Archaeological Discoveries: Offshore Renewables Projects (ORPAD) (The Crown Estate 2014). This will establish whether the recovered objects are of archaeological interest and recommend appropriate mitigation measures.



5 REFERENCES

Fugro 2022a. *DBS WPM1 – Array Area Acquisition/Operations Report – Mainport Geo*, report ref: 004363634-04

Fugro 2022b. *DBS WPM1 – Array Area Acquisition/Operations Report – Fugro Searcher*, report ref: 004267903-02

Fugro 2022c. *DBS WPM1 – Array Area Acquisition/Operations Report – Fugro Frontier*, report ref: 004363648-02

Fugro 2022d *DBS WPM3 – ECR Acquisition/Operations Report – Valkyrie*, report ref: 004267905-03

Fugro 2022e *DBS WPM2 – ECR Acquisition Operations Report – Fugro Discovery*, report ref: 004363633-04

The Crown Estate 2014 Protocol for Archaeological Discoveries: Offshore Renewables Projects. Prepared by Wessex Archaeology for The Crown Estate. Available at URL: https://www.wessexarch.co.uk/sites/default/files/field_file/2_Protocol%20For%20Archaeological%20Discoveries.pdf



APPENDICES

Appendix I Seabed features of archaeological potential

ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70000	Magnetic	443567	6029256	A2_I	-	-	-	64	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70001	Bright reflector	443729	6030173	A2_I	14.7	1.0	-	-	An elongate bright reflector. The anomaly was recorded by Fugro as "Suspected Debris" at this location. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_23_SSS_6315 (Fugro)	Array
70002	Magnetic	440447	6027367	A2_I	-	-	-	27	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70003	Magnetic	442244	6028119	A2_I	-	-	-	32	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70004	Recorded wreck	440393	6028342	A3	-	-	-	-	The location of UKHO record 6897, an unknown wreck recorded on a Danish fishing chart in 1965 and reported as being not visually or radar conspicuous. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6897 (UKHO)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70005	Dark reflector	439813	6028602	A2_I	5.9	1.5	0.1	-	An elongate dark reflector with shadow. Visible in the MBES dataset as an elongate mound surrounded by scour (13.5 x 8.9 x -0.1 m). It is on an approximate NNE to SSW alignment and anomalous to the surrounding seabed. No anomalous features were identified in the Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_22_SSS_6266 (Fugro)	Array
70006	Wreck	440339	6028771	A1	23.3	12.6	0.9	42	A wreck visible as a curvilinear dark reflector which appears to have internally indistinct angular and sub-angular dark reflectors, these form an overall ovoid shape which casts uneven shadows. The wreck is isolated and mostly coherent, with the hull appearing upright and mainly intact. The exception is the north-eastern end where it is disjointed and there is evidence of collapse with small angular dark reflectors visible outside the interpreted hull. Internally some linear and angular dark reflectors are visible, likely representing surviving deck structure. It is on an approximate north-west to south-east alignment. Visible in the MBES dataset as a sub-angular elongate anomaly with a distinct mound in the north measuring 9.3 x 7.6 x 0.4 m and a mound in the south measuring 7.3 x 5.0 x 0.2, with a depression between measuring 9.7 x 2.9 x -0.2 m. This is surrounded by scour measuring 34.9 x 22.5 x -0.5 m. Visible in the Mag. dataset as a small negative monopole with peak and trough on one profile line on the closest Mag. line located 60 m east. The anomaly was recorded by Fugro as a wreck, but not associated with any UKHO records, suggesting the wreck is previously unrecorded.	DBS_Array_22_SSS_6278 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70007	Magnetic	439531	6029600	A2_l	-	-	-	21	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70008	Dark reflector	442438	6030253	A2_l	2.8	0.8	0.7	-	A distinct angular dark reflector with a bright shadow surrounded by an elongate scour. One part of the shadow is a right angled linear, or may be a separate bright reflector. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris". Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_22_SSS_6303 (Fugro)	Array
70009	Magnetic	442140	6030348	A2_h	-	-	-	108	A large negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70010	Magnetic	442195	6031267	A2_h	-	-	-	418	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70011	Dark reflector	440964	6032304	A2_l	6.4	1.6	-	-	An elongate dark reflector. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70012	Seabed disturbance	442263	6032214	A2_l	8.3	5.5	0.4	-	An indistinct area of seabed disturbance comprising small angular and short linear dark reflectors with shadows. There is scour around the feature. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris". Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	DBS_Array_22_SSS_6301 (Fugro)	Array
70013	Magnetic	441977	6032544	A2_l	-	-	-	46	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70014	Magnetic	441852	6033015	A2_l	-	-	-	26	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70015	Magnetic	439407	6035184	A2_l	-	-	-	25	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70016	Debris field	439989	6035969	A2_h	15.0	13.7	0.4	86	A distinct angular dark reflector, or multiple objects close together with an indistinct shadow, within an area of disturbed seabed. Observed in the MBES data as an irregular depression with small, indistinct mound features within. Also visible in the Mag. dataset as a medium asymmetric dipole with peak and trough on one profile line. The anomaly was recorded by Fugro as "Suspected Debris". Interpreted as possible ferrous debris.	DBS_Array_22_SSS_6268 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70017	Magnetic	440457	6037854	A2_1	-	-	-	74	A medium, sharp positive monopole with peak and trough on one profile line. Situated 63.0 m south-east of wreck 70019 and may be associated. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70018	Debris field	440379	6037905	A1	5.2	4.7	0.2	-	A group of very small but distinct sub-angular dark reflectors with shadows, likely related to dispersed wreck 70019 . No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as possible non-ferrous debris, potentially associated with the nearby wreck.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70019	Wreck	440388	6037926	A1	40.7	21.9	3.1	699	A wreck visible as a distinct group of dark reflectors with shadows and significant height. Primarily narrow elongate dark reflectors and some small angular objects are visible, the largest elongate object measures 15.3 x 1.2 m. The wreck is oriented approximately north-south, it appears highly degraded and is somewhat dispersed, with associated debris present in the vicinity (70018 , 70020-70022). Visible in the MBES dataset as an area of seabed disturbance with a prominent sub-rounded mound of varied height measuring 13.0 x 12.0 x 2.9 m. The wreck appears to be well broken up and dispersed, with some possible superstructure surviving. These are within a varied area of depression measuring 65.0 x 62.0 x -0.6 m, which may contain smaller mounds. This is visible in the Mag. data as a very large, sharp asymmetric dipole with peak and trough on one profile line located around 30.0 m away. Also tagged by Fugro as a wreck. Corresponds with the location of UKHO 6900, a steam ship recorded on a Danish fishing chart and identified during diving in 1989 as a merchant vessel with lead pipe scattered on the seabed, hence it is known as the 'Lead Wreck'. This wreck was swept clear in 1960 and was recorded as being well dispersed in 1989, in 2020 the most prominent feature of the wreck was recorded as a round cylinder.	6900 (UKHO), DBS_Array_22_SSS_6276 (Fugro)	Array
70020	Debris	440396	6037946	A2_h	3.5	0.8	-	-	A small, angular dark reflector with no shadow, likely debris associated with wreck 70019 . No anomalous features were identified in the MBES or Mag. data at this location, however the large Mag. anomaly associated with wreck 70019 may be masking any smaller responses in this area. Interpreted as possible non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70021	Debris	440397	6037957	A2_h	2.2	0.9	-	-	A small, angular dark reflector with no shadow, likely debris associated with wreck 70019 . No anomalous features were identified in the MBES or Mag. data at this location, however the large Mag. anomaly associated with wreck 70019 may be masking any smaller responses in this area. Interpreted as possible non-ferrous debris.	-	Array
70022	Debris field	440403	6037963	A2_h	7.1	4.7	1.3	-	A small debris field comprising at least two straight dark reflectors, one with a bright tapered shadow and significant height. Likely debris associated with wreck 70019 . Visible as a small angular mound in the MBES data. No anomalous features were identified in the Mag. data at this location, however the large Mag. anomaly associated with wreck 70019 may be masking any smaller responses in this area. Interpreted as possible non-ferrous debris.	-	Array
70023	Magnetic	439742	6039067	A2_l	-	-	-	80	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70024	Magnetic	437896	6038521	A2_h	-	-	-	159	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70025	Magnetic	438751	6039965	A2_l	-	-	-	24	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70026	Magnetic	437921	6040045	A2_I	-	-	-	26	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70027	Magnetic	437652	6041514	A2_I	-	-	-	26	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70028	Magnetic	438714	6041822	A2_I	-	-	-	51	A medium asymmetric dipole with peak and trough on one profile line. Distinct from rest of profile. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70029	Dark reflector	438224	6041834	A2_I	6.2	2.8	0.5	-	An angular dark reflector with a shadow, may be multiple objects close together. No anomalous features were identified in the MBES or Mag. data at this location, however the large Mag. anomaly associated with debris field 70030 may be masking any smaller responses in this area. Interpreted as a possible natural feature or may be possible debris.	-	Array
70030	Debris field	438293	6041881	A1	96.2	30.1	0.2	2649	A spread of three indistinct groups of possible debris that may be related, comprising curvilinear and angular objects within areas of disturbed seabed. Individually these features measure 14.2 x 5.5 x 0.2 m (central group), 30.8 x 8.6 x 0.2 m (north-west group) and 10.0 x 7.3 x 0.1 m (south-east group) and the largest individual dark reflector with a shadow measures 7.0 x 3.1 m. Visible as an uneven area of seabed in the MBES data. Associated with a very large, sharp positive monopole with peak and trough on one profile line, also visible on adjacent lines in the Mag. data. Interpreted as ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70031	Dark reflector	438968	6026593	A2_I	7.5	5.7	-	-	A slightly irregular, sub-rounded dark reflector, isolated on the seabed. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70032	Dark reflector	438887	6026867	A2_I	6.4	6.3	-	-	A slightly irregular, sub-rounded dark reflector, isolated on the seabed. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70033	Seabed disturbance	438802	6027299	A2_I	11.7	5.3	-	-	An irregular area of higher reflectivity orientated approximately N-S, with some shadows visible throughout. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70034	Dark reflector	438650	6027279	A2_I	10.0	5.0	-	-	A curvilinear dark reflector with corresponding but possibly intermittent shadow along its length. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70035	Recorded wreck	439636	6028351	A3	-	-	-	-	The reported location of UKHO 6896, an unknown wreck recorded on a Danish fishing chart in 1965 and reported as having been visually located in 1989. A 2002 review amended this position to dead. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6896 (UKHO)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70036	Seabed disturbance	438223	6027921	A2_I	22.6	12.5	-	-	A seabed disturbance comprising a generally compact oval area of higher and lower reflectivity, likely representing an area of mounds and depressions. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70037	Magnetic	437816	6028411	A2_I	-	-	-	26	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70038	Seabed disturbance	438615	6028354	A2_I	8.0	6.5	-	-	An irregular area of textured seabed with a large, clear irregular shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70039	Dark reflector	438608	6028467	A2_I	8.1	1.9	-	-	An elongate, teardrop-shaped dark reflector with no clear shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70040	Dark reflector	437480	6030698	A2_I	5.7	4.6	-	-	A sub-angular dark reflector with a possible shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70041	Seabed disturbance	437879	6031470	A2_I	11.8	7.3	0.6	-	A small, isolated, area of seabed disturbance comprising very small angular and sub-angular dark reflectors with shadows, in a slight depression. Visible in the MBES dataset as two mounds; one elongate (measuring 5.9 x 4.8 x 0.5) and one sub-rounded (measuring 2.5 x 2.1 x 0.2 m). Located within a surrounding scour (25.0 x 23.9 x -0.4 m). No anomalous features were identified in the Mag. data at this location. Also tagged by Fugro as two items of "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	DBS_Array_21_SSS_6235, DBS_Array_21_SSS_6236 (Fugro)	Array
70042	Magnetic	438538	6031689	A2_I	-	-	-	30	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70043	Magnetic	436826	6036039	A2_I	-	-	-	27	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70044	Magnetic	436402	6037787	A2_I	-	-	-	45	A small asymmetric dipole with peak and trough on one profile line. Somewhat distinct from rest of profile. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70045	Magnetic	436908	6040593	A2_I	-	-	-	20	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70046	Seabed disturbance	435963	6041036	A2_I	10.6	5.3	-	-	A seabed disturbance comprising a diamond-shaped perimeter of dark reflector, within an area of slightly textured seabed. No shadows are visible. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70047	Magnetic	435614	6042087	A2_I	-	-	-	27	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70048	Magnetic	434858	6044559	A2_I	-	-	-	31	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70049	Magnetic	434781	6045535	A2_I	-	-	-	42	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70050	Dark reflector	434728	6046635	A2_I	6.9	1.9	-	-	A linear dark reflector consisting of a narrow linear feature which splits into two curved features at one end. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70051	Magnetic	435289	6047757	A1	-	-	-	1815	A very large, sharp positive monopole with peak and trough on one profile line. Very distinct from rest of profile. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70052	Magnetic	435279	6047808	A2_I	-	-	-	45	A small positive monopole with peak and trough on one profile line. Adjacent and partially obscured by another large anomaly (70051) and possibly related. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70053	Magnetic	435035	6047953	A2_I	-	-	-	24	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70054	Seabed disturbance	436117	6026873	A2_I	7.3	4.0	-	-	A small area of textured higher and lower reflectivity with distinct dark reflectors with shadows in places. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as an "Unidentified Target" at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	DBS_Array_20_SSS_6216 (Fugro)	Array
70055	Dark reflector	437143	6028217	A2_I	5.8	1.5	-	-	A short linear dark reflector which casts a bright shadow along its length. The anomaly was recorded by Fugro as "Suspected Debris" at this location. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_20_SSS_6225 (Fugro)	Array
70056	Seabed disturbance	435881	6028570	A2_I	8.0	3.1	-	-	An elongate area of high reflectivity with no clear shadows. The area is slightly textured. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70057	Dark reflector	437158	6029978	A2_I	6.5	2.4	-	-	An elongate dark reflector with no clear shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70058	Dark reflector	436890	6031491	A2_I	6.9	5.2	-	-	A sub-rounded dark reflector with a clear, irregular shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70059	Debris	435095	6033887	A2_h	20.3	1.9	-	-	A short, straight, linear dark reflector with a clear, slightly sloped shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as possible non-ferrous debris.	-	Array
70060	Dark reflector	435891	6034752	A2_I	5.4	1.2	-	-	An elongate slightly irregular dark reflector with no shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70061	Magnetic	435262	6036797	A2_I	-	-	-	27	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70062	Magnetic	435695	6038331	A2_I	-	-	-	38	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70063	Magnetic	434569	6039565	A2_I	-	-	-	39	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70064	Magnetic	433455	6039978	A2_I	-	-	-	92	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70065	Magnetic	434667	6043384	A2_I	-	-	-	24	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70066	Magnetic	433274	6043231	A2_I	-	-	-	39	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70067	Magnetic	433811	6044189	A2_I	-	-	-	22	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70068	Seabed disturbance	432630	6045318	A2_I	55.1	24.1	-	-	A very large, elongate area of very high reflectivity with some possible scour or shadow. The surface is rippled so is likely an area of sand waves, although this feature is somewhat unique in the area. Also visible in the MBES data as an isolated oval depression with a textured base. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70069	Magnetic	433534	6046802	A2_I	-	-	-	74	A medium, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70070	Dark reflector	432222	6047080	A2_I	6.8	2.0	-	-	An elongate dark reflector, likely an adjacent set of three objects, with two short shadows visible, and surrounded by a bright area that is likely an area of scour. The anomaly was recorded by Fugro as a possible boulder at this location. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_20_SSS_6203 (Fugro)	Array
70071	Seabed disturbance	432661	6049150	A2_I	69.3	20.6	-	-	A very large irregular and elongate area of higher, textured reflectivity, with two curvilinear bright reflectors running through the centre, which may be a shadow or depression. Visible in the MBES data as a large area of irregular and curvilinear depressions. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70072	Magnetic	434764	6025663	A2_I	-	-	-	24	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70073	Mound	434262	6027042	A2_I	10.0	7.3	0.3	-	A sub-angular area of dark reflectors with shadows, possibly a cluster of objects. Visible in the MBES dataset as a pair of irregular mounds measuring 5.0 x 4.0 x 0.3 m and 5.0 x 2.5 x 0.3 m. Surrounded by shallow scour on the south side measuring 13.2 x 9.0 x -0.2 m. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or possible non-ferrous debris.	-	Array
70074	Magnetic	434584	6027746	A2_I	-	-	-	36	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70075	Seabed disturbance	434821	6028818	A2_l	24.6	6.8	-	-	An area of slightly darker and brighter stripes of reflectors, possible shadows. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70076	Recorded wreck	435009	6030270	A3	-	-	-	-	The location of UKHO record 6898, first reported in 1915 and last updated in 1972 as an unknown wreck shown on Danish fishing chart 5402. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6898 (UKHO)	Array
70077	Seabed disturbance	433599	6030495	A2_l	8.1	3.1	-	-	A distinct, slightly curved dark reflector with an irregular shadow, and a smaller separate dark reflector to the west. Distinct within an area of sand waves. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70078	Magnetic	434418	6030880	A2_l	-	-	-	34	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70079	Magnetic	434301	6032630	A2_l	-	-	-	23	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70080	Magnetic	433005	6036991	A2_h	-	-	-	212	A large, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70081	Magnetic	432521	6036786	A2_I	-	-	-	33	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70082	Magnetic	433019	6038507	A2_I	-	-	-	48	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70083	Magnetic	431885	6039154	A2_I	-	-	-	88	A medium, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70084	Magnetic	433767	6024930	A2_I	-	-	-	27	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70085	Magnetic	433190	6025922	A2_I	-	-	-	47	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70086	Dark reflector	432416	6026680	A2_I	5.0	4.2	-	-	An irregular dark reflector with a short, rounded shadow in the centre, with the feature curved round in an approximate 'C' shape. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70087	Magnetic	433599	6028224	A2_l	-	-	-	48	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70088	Seabed disturbance	433261	6029628	A2_l	9.6	6.0	-	-	An irregular area of bright seabed surrounded by an intermittent linear dark reflector along the perimeter, which is more distinct on the eastern edge. The anomaly was recorded by Fugro as possible "Linear Debris" at this location. No anomalous features were identified in the MBES or Mag. data at this location, although may be related to large Mag. anomaly 70089 situated 40 m west on the closest Mag. line. Interpreted as a possible natural feature or may be possible partially buried debris.	DBS_Array_18_SSS_6137 (Fugro)	Array
70089	Magnetic	433221	6029641	A2_h	-	-	-	264	A large asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location, although this is situated 40 m west of seabed disturbance 70088 and may be related. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70090	Dark reflector	432873	6029704	A2_l	5.7	2.9	-	-	A slightly curved dark reflector with a clear, tapered shadow. The anomaly was recorded by Fugro as "Suspected Debris" at this location. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_18_SSS_6130 (Fugro)	Array
70091	Dark reflector	432403	6029981	A2_l	7.4	3.7	-	-	An angular, slightly elongate dark reflector with a clear, irregular shadow. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_18_SSS_6114 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70092	Magnetic	433171	6029911	A2_I	-	-	-	28	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70093	Magnetic	431561	6031488	A2_I	-	-	-	36	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70094	Magnetic	431799	6032561	A2_I	-	-	-	26	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70095	Magnetic	431430	6032736	A2_I	-	-	-	34	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70096	Magnetic	432111	6034013	A2_I	-	-	-	42	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70097	Magnetic	431933	6034443	A2_I	-	-	-	22	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70098	Magnetic	431116	6033920	A2_I	-	-	-	24	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70099	Magnetic	430723	6034378	A2_I	-	-	-	33	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70100	Magnetic	432583	6034234	A2_I	-	-	-	31	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70101	Dark reflector	432300	6034482	A2_I	3.1	1.6	0.1	-	A small and indistinct semi-circular dark reflector with a small shadow situated 55 m east of modern wreck the Annemarie Palm 2 (not recorded in this gazetteer as sank in 1977 so is not of archaeological interest). No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris. Any debris may be related to the wreck of the Annemarie Palm 2 and so may be modern, but this cannot be determined without visual inspection.	6772, 97394 (UKHO), DBS_Array_18_SSS_6112 (Fugro)	Array
70102	Magnetic	432175	6035339	A2_I	-	-	-	29	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70103	Magnetic	431131	6036137	A2_I	-	-	-	59	A medium, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70104	Magnetic	432097	6036321	A2_I	-	-	-	41	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70105	Magnetic	432120	6036756	A2_I	-	-	-	39	A small asymmetric dipole with peak and trough on one profile line. This is a complex feature with possible adjacent anomalies below the threshold. No anomalous features were identified in the SSS or MBES data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	DBS_Array_18_SSS_6108 (Fugro)	Array
70106	Magnetic	431882	6037549	A2_I	-	-	-	85	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70107	Recorded wreck	429831	6038229	A3	-	-	-	-	The location of a UKHO record of an unknown wreck first observed in 1898 as three masts above water. Subsequently shown on Danish fishing chart 5400 at a different position and the record was amended to dead. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6780 (UKHO)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70108	Magnetic	431090	6039057	A2_h	-	-	-	690	A very large, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70109	Magnetic	431274	6039154	A2_l	-	-	-	21	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70110	Magnetic	430905	6040062	A2_l	-	-	-	27	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70111	Magnetic	430042	6040888	A2_l	-	-	-	44	A small, broad asymmetric dipole with peak and trough on one profile line. Also visible on adjacent profile. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70112	Magnetic	430424	6043797	A2_l	-	-	-	60	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70113	Seabed disturbance	430701	6043884	A2_l	10.5	4.3	0.1	-	A very indistinct sequence of dark reflectors surrounded by possible shadow or scour. Observed in the MBES data as a depression with small sub-angular mounds in the base. No anomalous features were identified in the Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	DBS_Array_18_SSS_6094 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70114	Magnetic	430719	6043923	A2_I	-	-	-	19	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70115	Magnetic	430283	6044554	A2_I	-	-	-	26	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70116	Magnetic	430467	6045292	A2_I	-	-	-	21	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70117	Magnetic	429953	6047475	A2_I	-	-	-	66	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70118	Magnetic	429045	6050204	A1	-	-	-	8377	A very large, sharp positive monopole with peak and trough on one profile line. Also visible on adjacent profiles. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70119	Dark reflector	428039	6050608	A2_I	8.0	1.0	-	-	A short linear dark reflector which casts a small shadow. Only very faintly seen on the high frequency SSS data. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as possible "Linear Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_18_SSS_6080 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70120	Seabed disturbance	431307	6025893	A2_I	13.5	5.8	0.2	-	An irregular seabed disturbance with varying reflectivity, and a short, rounded shadow in the northern section. Visible in the MBES dataset as an elongate mound surrounded by an elongate scour, measuring 30.0 x 17.0 x -0.1 m. No anomalous features were identified in the Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	DBS_Array_17_SSS_6053 (Fugro)	Array
70121	Seabed disturbance	431316	6026463	A2_I	6.1	2.7	-	-	An indistinct, slightly irregular area of dark reflector with varying reflectivity and a clear, irregular shadow. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	DBS_Array_17_SSS_6054 (Fugro)	Array
70122	Magnetic	431304	6028468	A2_I	-	-	-	33	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70123	Magnetic	431369	6029220	A2_I	-	-	-	75	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70124	Magnetic	431014	6030587	A2_I	-	-	-	94	A medium, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70125	Magnetic	430964	6030863	A2_l	-	-	-	24	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70126	Seabed disturbance	430005	6031068	A2_l	8.7	6.9	-	-	An indistinct area of slightly higher reflectivity with an irregular outline and a possible shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70127	Linear debris	430249	6032460	A2_h	4.1	3.8	-	-	An indistinct angular dark reflector with no shadow with a possible short length of rope or chain attached (70129). Also observed in the SSS Mosaic. Situated directly next to the hull of wreck 70128 and likely associated debris. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as possible non-ferrous debris.	-	Array
70128	Wreck	430247	6032452	A1	32.8	10.9	2.0	649	A large, distinct ovoid feature representing a large, intact wreck with a large uneven shadow, internally very indistinct. Linear and small sub-angular dark reflectors are visible internally and there is some associated debris in the vicinity (70127 , 70129 and 70130). The wreck is oriented north-west to south-east with the bow likely to the north-west. Visible in the MBES dataset as an elongate, upright wreck with upstanding areas at each end. Surrounded by a irregular scour which extends to the west (42.0 x 36.0 x -0.7 m). The highest point of the wreck is towards the south-east end. Associated with a very large, sharp asymmetric dipole with peak and trough on one profile line in the Mag. data. The anomaly was recorded by Fugro as a wreck. Corresponds with the location of a UKHO record for an unknown wreck first identified in 2021 and described as intact and sinking into the sand on one side.	97864 (UKHO), DBS_Array_17_SSS_6028 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70129	Linear debris	430249	6032460	A2_h	23.0	0.9	-	-	A thin and slightly curvilinear dark reflector with no shadow attached to an angular object 70127 . Also observed in the SSS Mosaic. The feature is running parallel to wreck 70128 , possibly attached. No anomalous features were identified in the MBES or Mag. data at this location. Possible non-ferrous linear debris, potentially a length of rope or chain.	-	Array
70130	Debris	430234	6032466	A2_h	3.7	1.2	0.2	-	A distinct angular dark reflector with a shadow at the north-west end of wreck 70128 and likely associated debris. Observed as a mound in the MBES data. No anomalous features were identified in the Mag. data at this location. Interpreted as possible non-ferrous debris.	-	Array
70131	Magnetic	430046	6034222	A2_I	-	-	-	20	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70132	Magnetic	430287	6035039	A2_I	-	-	-	30	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70133	Magnetic	428999	6036563	A2_I	-	-	-	67	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70134	Magnetic	429366	6036823	A2_I	-	-	-	44	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70135	Magnetic	428578	6042765	A2_h	-	-	-	191	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70136	Magnetic	427860	6048338	A2_l	-	-	-	26	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70137	Dark reflector	426687	6051836	A2_l	18.1	10.4	-0.1	-	A large, sub-rounded dark reflector with a clear shadow. Observed in the MBES data as a large, distinct depression with steep sides and an uneven base, possibly small mounds. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70138	Dark reflector	429441	6024118	A2_l	13.6	3.6	0.2	-	A very elongate and slightly irregular and intermittent dark reflector with a clear shadow, which is longer at the southern end. Visible in the MBES dataset as an elongate mound, with gently sloping sides and uneven surface, with an elongate scour on the east side of the feature. No anomalous features were identified in the Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_16_SSS_5991 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70139	Seabed disturbance	430637	6024557	A2_I	6.6	4.9	0.2	-	A square seabed disturbance comprising mostly bright and some slightly indistinct dark reflectors with a clear, tapered shadow. Observed in the MBES data as an elongate mound with gently sloping sides. No anomalous features were identified in the Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	DBS_Array_16_SSS_6008 (Fugro)	Array
70140	Magnetic	429293	6027800	A2_I	-	-	-	40	A small, sharp asymmetric dipole with peak and trough over two profile lines. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70141	Bright reflector	429453	6028412	A2_I	7.7	5.1	0.1	-	An irregular area of much lower reflectivity which is distinct within a region of sand waves. Observed in the MBES data as an elongate mound with two peaks. No anomalous features were identified in the Mag. data at this location. The anomaly was recorded by Fugro as an "Unidentified Target" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_16_SSS_5992 (Fugro)	Array
70142	Magnetic	429992	6028919	A2_I	-	-	-	53	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70143	Magnetic	429424	6030994	A2_I	-	-	-	20	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70144	Magnetic	429222	6030971	A2_I	-	-	-	26	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70145	Magnetic	428207	6030885	A2_I	-	-	-	28	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70146	Recorded wreck	429382	6032307	A3	-	-	-	-	The location of UKHO record for a small wreck first located and dived in 1989. Subsequently surveyed in 1990 and not observed in bathymetric data and amended to dead. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6870 (UKHO)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70147	Mound	428359	6033096	A2_I	22.0	14.2	0.8	-	An oval, slightly elongate area of higher reflectivity seabed with no clear shadow or scour. Visible in the MBES dataset as an elongate, sub-rounded mound, with gently sloping sides and a even surface. Surrounded by an elongate scour measuring 27.3 x 17.4 x - 0.4 m. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70148	Seabed disturbance	427758	6036539	A2_I	7.2	4.7	-	-	A small cluster of linear and angular dark reflectors with associated shadows. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70149	Dark reflector	426696	6037844	A2_I	18.1	1.0	-	-	A slightly curvilinear dark reflector with no clear shadow orientated approximately north to south. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70150	Seabed disturbance	426312	6045810	A2_l	13.4	11.8	-0.4	-	An irregular area comprising indistinct higher and lower reflectivity patches but with a distinct outline. Observed in the MBES data as a depression with small, indistinct sub-angular mounds in the base. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70151	Magnetic	426120	6046804	A2_l	-	-	-	58	A medium positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70152	Magnetic	425777	6049220	A2_l	-	-	-	35	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70153	Magnetic	424704	6050553	A2_l	-	-	-	43	A small positive monopole with peak and trough on one profile line. Possibly associated with larger Mag. anomaly (70154) situated 32 m NNW. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70154	Magnetic	424699	6050583	A2_h	-	-	-	176	A large, sharp asymmetric dipole with peak and trough on one profile line. This feature is complex with a double trough. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70155	Magnetic	428208	6025953	A2_l	-	-	-	30	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70156	Seabed disturbance	427879	6026077	A2_I	6.8	4.5	-	-	A distinct and slightly irregular area of small angular dark reflectors with shadows, possibly surrounded by scour. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70157	Dark reflector	428308	6026645	A2_I	5.5	3.1	-	-	A sub-rounded, indistinct dark reflector with a short, rounded shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70158	Magnetic	428365	6026697	A2_I	-	-	-	38	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70159	Dark reflector	428407	6026715	A2_I	5.4	3.5	-	-	A distinct sub-rounded dark reflector with a short, rounded shadow, possibly multiple objects close together. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70160	Magnetic	427322	6028968	A2_I	-	-	-	49	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70161	Magnetic	427643	6031183	A2_I	-	-	-	64	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70162	Magnetic	426889	6032040	A2_l	-	-	-	33	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70163	Magnetic	426304	6033536	A2_l	-	-	-	45	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70164	Magnetic	426678	6033677	A2_l	-	-	-	51	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70165	Magnetic	424865	6041968	A2_l	-	-	-	65	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70166	Magnetic	424235	6044249	A2_h	-	-	-	125	A large, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70167	Seabed disturbance	424610	6048267	A2_l	13.1	11.8	-0.7	-	A rounded area of slightly textured seabed, with a patch of higher reflectivity on the eastern edge. The feature has scour to the south-east. Observed in the MBES data as a distinct rounded depression with fairly steep sides, anomalous to the surrounding seabed. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70168	Magnetic	424264	6049626	A2_I	-	-	-	37	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70169	Linear debris	422875	6053049	A2_h	18.3	0.7	-	-	A very high reflectivity, curvilinear dark reflector with no clear shadow. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as an "Unidentified Target" at this location. Interpreted as possible linear debris, potentially a short length of non-ferrous rope or chain.	DBS_Array_15_SSS_5905 (Fugro)	Array
70170	Magnetic	425570	6030319	A2_I	-	-	-	25	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70171	Magnetic	424524	6032191	A2_I	-	-	-	31	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70172	Magnetic	425848	6034381	A2_I	-	-	-	21	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70173	Magnetic	423684	6035112	A2_I	-	-	-	28	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70174	Magnetic	425121	6036664	A2_I	-	-	-	80	A medium positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70175	Magnetic	423308	6039374	A2_I	-	-	-	25	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70176	Magnetic	423021	6041969	A2_I	-	-	-	28	A small, broad positive monopole with peak and trough on one profile line. Approximately 160 m south-west of pipeline and unlikely to be related. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70177	Magnetic	423179	6042299	A2_I	-	-	-	42	A small negative monopole with peak and trough on one profile line. Approximately 220 m north-east of pipeline and unlikely to be related. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70178	Magnetic	423618	6046026	A2_I	-	-	-	26	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70179	Magnetic	422625	6046935	A2_I	-	-	-	32	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70180	Magnetic	421740	6048421	A2_I	-	-	-	64	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70181	Recorded wreck	422317	6049113	A3	-	-	-	-	The location of UKHO 6793, a wreck of an unknown vessel first observed in 1920 as two masts showing. It is unclear whether the vessel was afloat at this point or was resting on the seabed (charted depth approximately 19 m below CD). Not observed in surveys in 1960, 1968 and 2022 and amended to dead. Not identified in the most recent 2022 datasets. It is possible the recorded position was inaccurate, the vessel moved away from this location before it sank completely or even possibly that it has since been buried by mobile sediments. This feature has been retained as a precaution.	6793 (UKHO)	Array
70182	Mound	421218	6052206	A2_I	9.9	2.8	-	-	Observed in the SSS dataset as an elongate triangular dark reflector with shadow. Surrounded by an elongate scour. Visible in the MBES dataset as an elongate mound, with evenly sloped sides and a rounded top, on a slope. Surrounded by an elongate scour measuring 30.0 x 23.6 x - 0.5 m that extends primarily to the SE. There are no other bedforms similar in the immediate area. No anomalous features were identified in the Mag. data at this location. The anomaly was recorded by Fugro as a "Suspected Debris" at this location. Interpreted as a possible natural feature or possible non-ferrous debris.	DBS_Array_14_SSS_5867 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70183	Dark reflector	421821	6054408	A2_I	76.6	0.8	-	-	A narrow linear dark reflector which does not appear to cast a shadow. Not visible on the high frequency data. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Linear Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_14_SSS_5870 (Fugro)	Array
70184	Magnetic	424190	6031796	A2_I	-	-	-	24	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70185	Magnetic	422647	6037432	A2_I	-	-	-	77	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70186	Dark reflector	422502	6037394	A2_I	21.8	0.7	-	-	A narrow curvilinear dark reflector with a very small shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70187	Dark reflector	423039	6037776	A2_I	16.6	1.1	-	-	A highly curvilinear dark reflector with shadow. Possible coiled length of rope or chain but this is uncertain. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70188	Magnetic	421679	6038283	A2_I	-	-	-	31	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70189	Debris	421219	6043225	A2_h	5.5	1.1	-	-	A distinct curved dark reflector, broader in the north, with significant corresponding bright shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible non-ferrous debris.	-	Array
70190	Magnetic	420627	6047346	A2_l	-	-	-	29	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70191	Magnetic	420349	6048308	A2_l	-	-	-	26	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70192	Magnetic	419450	6050444	A2_l	-	-	-	23	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70193	Magnetic	418745	6052019	A2_l	-	-	-	47	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70194	Magnetic	419414	6052274	A2_l	-	-	-	57	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70195	Seabed disturbance	419146	6053380	A2_I	14.5	7.0	0.5	-	Seabed disturbance visible as two mounds on the edge of a large elongate depression (one of several in the area) which extends to the south-east. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or may be possibly partially buried, non-ferrous debris.	-	Array
70196	Seabed disturbance	419610	6053476	A2_I	21.6	10.6	0.2	-	A small seabed disturbance comprising three mounds spaced approximately 10 m apart located on the slope, and at the base, of a large irregular depression (one of several in the area). The largest mound measures 7.0 x 5.3 x 0.2 m. No anomalous features were identified in the SSS or Mag. data at this location. Corresponds with a recorded obstruction (UKHO 99468) identified as possible debris or a foul ground, reported in 2022 with recorded measurements of 11.4 x 1.1 x 0.7 m. Interpreted as a possible natural feature or possible non-ferrous debris.	99468 (UKHO)	Array
70197	Seabed disturbance	418831	6053942	A2_I	13.8	7.1	0.2	-	A seabed disturbance visible as a few elongate mounds on an approximate NNE to SSW alignment. Situated within an elongate scour or depression, one of many in the surrounding area, measuring 41.3 x 15.7 x -0.4 m and on an approximate NNW to SSE alignment. Tentatively visible in the HF SSS mosaic. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70198	Magnetic	419447	6042142	A2_I	-	-	-	48	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70199	Magnetic	420049	6042175	A2_I	-	-	-	32	A small, broad asymmetric dipole with peak and trough on one profile line. This feature is highly complex with multiple peaks and troughs. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70200	Dark reflector	418483	6043969	A2_I	12.8	8.4	-	-	A distinct rounded dark reflector with a shadow, cut by other line so dimensions are a minimum 12.8 x 8.4 m. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70201	Magnetic	418463	6044200	A2_I	-	-	-	23	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70202	Magnetic	417457	6044188	A2_I	-	-	-	57	A medium symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70203	Dark reflector	418573	6044987	A2_I	10.7	1.1	-	-	An elongate dark reflector. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70204	Magnetic	419001	6045061	A2_I	-	-	-	49	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70205	Dark reflector	419021	6045303	A2_l	11.5	5.5	-	-	A distinct and slightly irregularly shaped dark reflector with no shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70206	Linear debris	419315	6045982	A2_h	36.6	1.6	0.2	-	A linear dark reflector with a sub-rounded, dark reflector with a shadow at the western end measuring 2.1 x 1.0 x 0.2 m, and several elongate dark reflectors at the eastern end. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Linear Debris" at this location. This is interpreted as a possibly non-ferrous debris, possibly a modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	DBS_Array_12_SSS_5831 (Fugro)	Array
70207	Magnetic	418415	6046109	A2_l	-	-	-	24	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70208	Dark reflector	418510	6046308	A2_l	5.0	2.6	-	-	An oval shaped dark reflector with variable reflectivity and slight shadow, which is surrounded by scour. No anomalous features were identified in the Mag. data at this location, although a depression was identified in the MBES data. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70209	Magnetic	417102	6046089	A2_l	-	-	-	41	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70210	Magnetic	417729	6048213	A2_I	-	-	-	44	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70211	Recorded wreck	416966	6051063	A3	-	-	-	-	The location of UKHO 6796, an unknown wreck first identified as two masts showing in 1920. The position was amended in 1958 and the record is now amended to dead. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6796 (UKHO)	Array
70212	Magnetic	415694	6052079	A2_I	-	-	-	55	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70213	Magnetic	417360	6052372	A2_I	-	-	-	22	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70214	Magnetic	417302	6052680	A2_I	-	-	-	23	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70215	Magnetic	416843	6054132	A2_I	-	-	-	23	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70216	Magnetic	417848	6055351	A2_l	-	-	-	29	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70217	Magnetic	415002	6056358	A2_l	-	-	-	21	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70218	Dark reflector	416549	6056416	A2_l	5.4	2.5	-	-	A distinct and angular dark reflector with no clear shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70219	Dark reflector	415806	6056664	A2_l	6.7	1.5	-	-	An elongate dark reflector with no clear shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70220	Recorded wreck	415230	6057336	A3	-	-	-	-	The location of UKHO 6838, an unknown wreck identified in 1982, now amended to dead. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6838 (UKHO)	Array
70221	Debris field	417680	6056959	A2_h	39.4	20.4	0.3	-	A large group of dark and bright reflectors with linear bright and dark reflectors visible in a rectangular pattern at the north-west end, and a central, single linear feature extending to the south-east. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as possible non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70222	Bright reflector	417771	6056909	A2_l	12.4	2.0	-	-	A distinct, elongate bright reflector which is slightly curved. Possibly related to debris field 70224 which is located 31 m to the NNE. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70223	Seabed disturbance	417760	6056970	A2_l	45.8	16.4	0.1	-	An indistinct area of seabed disturbance comprising very indistinct linear dark reflectors, the largest of which is 9.3 x 0.5m, and very small indistinct dark reflectors and areas of low reflectivity. Possibly related to nearby debris field 70224 7 m south-east; however, due to differences in form, this is not certain. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70224	Debris field	417781	6056950	A2_h	19.1	5.9	0.3	-	A compact debris field comprising a distinct linear dark reflector, measuring 16.7 x 0.5 m, with a small shadow and several smaller, angular dark reflectors with height. Possibly forms part of a larger feature with 70223 ; however, this isn't certain and so they have been retained as two separate anomalies. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as possible non-ferrous debris.	-	Array
70225	Magnetic	415255	6043339	A2_l	-	-	-	26	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70226	Magnetic	414816	6045712	A2_l	-	-	-	99	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70227	Magnetic	415280	6045984	A2_I	-	-	-	71	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70228	Magnetic	414548	6046622	A2_I	-	-	-	70	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70229	Magnetic	414331	6047335	A2_I	-	-	-	28	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70230	Magnetic	413743	6050518	A2_I	-	-	-	26	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70231	Magnetic	413649	6051530	A2_I	-	-	-	23	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70232	Magnetic	413402	6052370	A2_I	-	-	-	26	A small, broad asymmetric dipole with peak and trough over two profile lines. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70233	Magnetic	414295	6052504	A2_l	-	-	-	34	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70234	Magnetic	414337	6052833	A2_l	-	-	-	20	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70235	Magnetic	413564	6053067	A2_l	-	-	-	36	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70236	Magnetic	414775	6053707	A2_l	-	-	-	61	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70237	Magnetic	413160	6053641	A2_l	-	-	-	22	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70238	Magnetic	414008	6058434	A2_h	-	-	-	218	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70239	Magnetic	414006	6058444	A2_I	-	-	-	65	A medium, sharp asymmetric dipole with peak and trough on one profile line. Situated 10 m north of a much larger response (70238) but appears separate. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70240	Magnetic	414490	6041390	A2_I	-	-	-	22	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70241	Magnetic	414171	6041533	A2_I	-	-	-	38	A small symmetric dipole with peak and trough on one profile line. This anomaly exhibits a double trough. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70242	Magnetic	414362	6042649	A2_I	-	-	-	20	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70243	Magnetic	414341	6042766	A2_I	-	-	-	47	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70244	Magnetic	412253	6044719	A2_I	-	-	-	40	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70245	Magnetic	412055	6045197	A2_I	-	-	-	38	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70246	Seabed disturbance	412360	6045629	A2_I	5.9	3.1	0.3	-	A small seabed disturbance comprising small, angular dark reflectors with height located in an area of high reflectivity interpreted as a sediment change. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location, potentially originating from wreck 70252 located 97 m to the north-east. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_10_SSS_5814 (Fugro)	Array
70247	Bright reflector	412335	6045648	A2_I	3.8	2.9	-	-	An elongate bright reflector located in an area of high reflectivity interpreted as a sediment change. Interpreted as a bright reflector, although may represent the shadow of a poorly defined dark reflector. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70248	Dark reflector	412435	6045688	A2_I	0.3	0.2	0.2	-	A small, sub-rounded dark reflector with a shadow. Possibly related to wreck 70252 which is located approximately 10 m to the west, although this is uncertain. No anomalous features were identified in the MBES or Mag. data at this location, although it should be noted that due to proximity to the wreck it is likely that any associated Mag. signal would be masked by the larger signal associated with the wreck. As such, it is possible that there may be ferrous material within this feature. Interpreted as a possible natural feature or may be possible debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70249	Debris field	412362	6045700	A1	6.3	3.5	0.3	-	Identified in the SSS dataset as a cluster of angular and elongate dark reflectors with height. Observed in the MBES dataset as a seabed disturbance visible as a few irregular mounds in a depression. Feature is located approximately 29 m west of wreck 70252 and is likely related. No anomalous features were identified in the Mag. data at this location, although it should be noted that due to proximity to the wreck it is likely that any associated Mag. signal would be masked by the larger signal associated with the wreck. As such, it is possible that there may be ferrous material within this feature. The anomaly was recorded by Fugro as "Suspected Debris" at this location, potentially originating from wreck 70252 . Interpreted as a debris field associated with wreck 70252 .	DBS_Array_10_SSS_5813, DBS_Array_10_SSS_5815 (Fugro)	Array
70250	Dark reflector	412324	6045717	A2_I	2.7	0.8	0.1	-	A small, poorly defined dark reflector, or possibly a small cluster of three angular dark reflectors, with height. No anomalous features were identified in the MBES or Mag. data at this location. Feature is located approximately 67 m west of wreck 70252 and may be related although, due to its form and distance from the wreck, this is not certain. The anomaly was recorded by Fugro as "Suspected Debris" at this location, potentially originating from wreck 70252 . Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_10_SSS_5812 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70251	Debris field	412413	6045729	A1	9.1	5.2	0.1	-	An area comprising several elongate dark reflectors with height. Identified approximately 2 m east of the northern section of wreck 70252 and likely related. No anomalous features were identified in the MBES or Mag. data at this location, although it should be noted that due to proximity to the wreck it is likely that any associated Mag. signal would be masked by the larger signal associated with the wreck. As such, it is possible that there may be ferrous material within this feature. Interpreted as a debris field associated with wreck 70252 .	-	Array
70252	Wreck	412408	6045711	A1	64.9	29.8	3.1	1001	A large, distinct, almost rectangular feature interpreted as the possible outline of a hull, which contains two particularly large objects at its northern end. The structure appears to be partially disintegrated along the western extents with numerous dark reflectors with height, including several linear ones, interpreted as associated debris. Observed in the MBES dataset as an elongate mound, orientated NNW - SSE, with two distinct mounds (8.1 x 6.4 x 2.4 m and 9.7 x 8.5 x 3.0 m) in the northern section. Associated with a very large, sharp asymmetric dipole in the Mag. data, although this is superimposed on a broader signal from a pipeline >100 m to the south. The anomaly was also recorded by Fugro as a wreck at this location. Associated with a UKHO record for an unknown wreck (97582) first identified in 2021 and reported as being decaying and broken up with a small debris field at the SSW end. Interpreted as a previously unknown, uncharted wreck.	97582 (UKHO), DBS_Array_10_SSS_5816 (Fugro)	Array
70253	Magnetic	412559	6045886	A2_I	-	-	-	22	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70254	Magnetic	412006	6046069	A2_I	-	-	-	98	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70255	Magnetic	414057	6045999	A2_I	-	-	-	27	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70256	Magnetic	413175	6046407	A2_I	-	-	-	53	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70257	Magnetic	413404	6047323	A2_I	-	-	-	22	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70258	Magnetic	413378	6047462	A2_I	-	-	-	52	A medium positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70259	Magnetic	411128	6048716	A2_I	-	-	-	22	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES. data at this location. Interpreted as possible ferrous debris either buried or with no surface expression, or a potential natural feature.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70260	Magnetic	412532	6049913	A2_I	-	-	-	66	A medium, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70261	Magnetic	412544	6050325	A2_I	-	-	-	32	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70262	Magnetic	412356	6050860	A2_I	-	-	-	52	A medium symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70263	Magnetic	410776	6052192	A2_I	-	-	-	25	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70264	Debris	411305	6053692	A1	5.1	3.6	1.7	4747	Identified in the SSS dataset as a large, distinct dark reflector with height. An associated sediment disturbance is visible. Observed in the MBES dataset as a sub-rounded mound surrounded by an elongate scour (measuring 43.4 x 31.0 x - 1.2 m). Associated with a very large, sharp asymmetric dipole in the Mag. data. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as ferrous debris.	DBS_Array_10_SSS_5809 (Fugro)	Array
70265	Magnetic	410710	6053699	A2_I	-	-	-	21	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70266	Magnetic	410216	6053648	A2_h	-	-	-	132	A cluster of magnetic anomalies visible across two profile lines. May represent multiple individual but associated ferrous debris items or one, large object. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70267	Magnetic	410130	6056308	A1	-	-	-	2865	A very large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70268	Magnetic	410469	6056680	A2_l	-	-	-	56	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70269	Magnetic	412305	6057800	A2_l	-	-	-	28	A small asymmetric dipole with peak and trough on one profile line. Possibly part of a short linear trend, aligned WNW - ESE, but the surrounding responses are below threshold. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70270	Magnetic	409487	6057674	A2_l	-	-	-	33	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES. data at this location. Interpreted as possible ferrous debris either buried or with no surface expression, or a potential natural feature.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70271	Recorded wreck	409444	6059303	A3	-	-	-	-	The location of UKHO record 6815; an unknown wreck which was first reported in 1960. The wreck is noted to be shown on a Danish fishing chart in 1972. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6815 (UKHO)	Array
70272	Dark reflector	409945	6059163	A2_l	6.3	0.9	-	-	An elongate dark reflector with a shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70273	Seabed disturbance	409728	6059357	A2_l	24.5	22.0	-	-	An irregular seabed disturbance visible as several elongate and sub-rounded dark and bright reflectors. Observed as a mounded feature in the MBES data. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70274	Magnetic	409719	6060225	A2_l	-	-	-	27	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70275	Linear debris	409739	6043918	A2_h	24.0	0.8	-	-	A curvilinear dark reflector with no discernible shadow. Located approximately 13 m north of similar feature 70276 and may represent an associated but separate feature, or the continuation of one large, partially buried feature. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as possible linear debris, potentially a length of rope or chain.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70276	Linear debris	409736	6043905	A2_h	9.0	0.5	-	-	A linear dark reflector, observed in the SSS data. It is located 13 m south of 70275 and may represent an associated but separate feature, or the continuation of one large, partially buried feature. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as possible linear debris, potentially a length of rope or chain.	-	Array
70277	Magnetic	410579	6049475	A2_l	-	-	-	20	A small negative monopole with peak and trough on one profile line. One of a close pair of anomalies, though the second response is under threshold. No anomalous or natural features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70278	Magnetic	410136	6050107	A2_h	-	-	-	108	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70279	Magnetic	410263	6050646	A2_l	-	-	-	23	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70280	Magnetic	409792	6052655	A2_l	-	-	-	24	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES. data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70281	Magnetic	409139	6054504	A2_h	-	-	-	117	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70282	Seabed disturbance	408845	6054617	A2_I	25.5	7.1	0.4	-	Identified in the SSS data as an elongate seabed disturbance on a NNW to SSE alignment, comprising numerous dark reflectors with height with two, more isolated objects to the south. Observed in the MBES dataset as a sub-rounded mound, measuring 9.3 x 7.2 x 0.4 m, surrounded by shallow scour and with a few slight mounds to the south. No anomalous features were identified in the Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	DBS_Array_09_SSS_5788 (Fugro)	Array
70283	Magnetic	408900	6054678	A2_I	-	-	-	58	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES. data at this location. Interpreted as possible ferrous debris either buried or with no surface expression, or a potential natural feature.	-	Array
70284	Seabed disturbance	408244	6055696	A2_I	16.8	3.2	-	-	An irregular seabed disturbance, visible as two separate, elongate, dark reflectors with corresponding shadows, and a small cluster of sub-angular dark reflectors to south-west. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70285	Magnetic	407799	6056297	A2_I	-	-	-	40	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES. data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70286	Recorded Wreck	408249	6057782	A3	-	-	-	-	The location of UKHO record 6808; an unknown 'dangerous' wreck, recorded on a Danish fishing char and last recorded in March 1978. The UKHO gives no information on its dimensions or condition. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6808 (UKHO)	Array
70287	Debris field	407654	6057988	A2_h	15.5	2.7	0.6	-	Identified in the SSS dataset as two distinct, dark reflectors with height, approximately 8 m apart. The northern object (6.4 x 1.2 m) appears to be right-angled and the southern object (3.8 x 1.5 m) appears elongate and sub-angular. Observed in the MBES dataset as a pair of sub-rounded mounds, surrounded by scour, each measuring approximately 5.0 x 3.0 x 0.6 m. No anomalous features were identified in the Mag. data at this location, although it should be noted that an area of magnetic variation is visible on the closest line of Mag. data, approximately 45 m to the east, which may suggest there may be ferrous material present at this location. Interpreted as a possible debris.	-	Array
70288	Magnetic	406483	6046867	A2_l	-	-	-	21	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70289	Seabed disturbance	406729	6048440	A2_l	8.6	1.3	-	-	A seabed disturbance comprising an elongate area of higher reflectivity. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70290	Magnetic	406978	6051320	A2_I	-	-	-	23	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70291	Magnetic	406383	6051853	A2_I	-	-	-	34	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70292	Magnetic	406784	6052934	A2_I	-	-	-	35	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70293	Magnetic	404477	6058939	A2_I	-	-	-	33	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70294	Dark reflector	404895	6059882	A2_I	12.4	0.9	-	-	A parabolic, elongate dark reflector. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70295	Magnetic	405327	6059907	A2_I	-	-	-	45	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70296	Magnetic	405733	6060403	A2_I	-	-	-	54	A medium, sharp asymmetric dipole with peak and trough on one profile line. Located approximately 23 m SSE of anomaly 70297 on the same profile line and possibly related. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70297	Magnetic	405729	6060426	A2_I	-	-	-	54	A medium, sharp asymmetric dipole with peak and trough on one profile line. Located approximately 23 m NNW of anomaly 70296 on the same profile line and possibly related. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70298	Magnetic	405257	6060703	A2_I	-	-	-	90	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70299	Magnetic	403769	6060507	A1	-	-	-	1501	A very large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Located approximately 800 m east of the end of an interpreted pipeline, but not obviously related and so retained as a separate anomaly. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70300	Magnetic	405372	6061747	A2_I	-	-	-	64	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70301	Magnetic	405358	6061839	A2_l	-	-	-	25	A small asymmetric dipole with peak and trough on one profile line, slightly anomalous within a broader complex signal. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70302	Magnetic	403802	6062563	A2_h	-	-	-	223	A large, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70303	Magnetic	403322	6062957	A2_l	-	-	-	37	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70304	Magnetic	406136	6045430	A2_l	-	-	-	37	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70305	Magnetic	406039	6045409	A2_l	-	-	-	25	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70306	Magnetic	404744	6045268	A2_l	-	-	-	79	A medium asymmetric dipole with peak and trough on one profile line. This anomaly exhibits a flattened inflection point and may be two separate responses. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70307	Magnetic	404735	6049111	A2_I	-	-	-	34	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70308	Magnetic	404861	6049565	A2_I	-	-	-	62	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70309	Magnetic	403868	6050040	A2_I	-	-	-	30	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70310	Magnetic	404091	6050425	A2_I	-	-	-	45	A small, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70311	Magnetic	403866	6050546	A2_I	-	-	-	59	A medium, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70312	Magnetic	403806	6051497	A2_I	-	-	-	29	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70313	Magnetic	404549	6052971	A2_h	-	-	-	251	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. A much smaller anomaly (70314) is directly adjacent to the north. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70314	Magnetic	404546	6052981	A2_l	-	-	-	41	A small, sharp asymmetric dipole with peak and trough on one profile line. This anomaly is adjacent to a much larger response (70313) to the south but is separate and distinct. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70315	Magnetic	403664	6055533	A2_l	-	-	-	38	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70316	Magnetic	403993	6056021	A2_l	-	-	-	30	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70317	Linear debris	403625	6056423	A2_h	264.0	1.5	-	-	A long, thin, curvilinear dark reflector with slight shadow and scour. A few small elongate dark reflectors with shadows are visible along its length, all measuring approximately 1.6 x 0.7 m. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Linear Debris" at the end of this feature. This is interpreted as possibly non-ferrous linear debris such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	DBS_Array_07_SSS_5709 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70318	Seabed disturbance	402328	6057359	A2_l	9.1	4.7	-	-	An irregular seabed disturbance visible on the low-frequency SSS data as sub-rounded dark and bright reflectors. This anomaly is partially visible on the high frequency dataset as a compact, oval area of dark and bright reflectors. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70319	Magnetic	402766	6059379	A2_l	-	-	-	71	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70320	Magnetic	402549	6060004	A2_h	-	-	-	219	A large, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70321	Magnetic	403552	6060590	A2_h	-	-	-	171	A large, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70322	Magnetic	403149	6060623	A2_l	-	-	-	34	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70323	Magnetic	403341	6060677	A2_l	-	-	-	24	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70324	Magnetic	403151	6061173	A2_I	-	-	-	48	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70325	Magnetic	402624	6061204	A2_I	-	-	-	24	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70326	Magnetic	402311	6061318	A2_I	-	-	-	76	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70327	Magnetic	402317	6061842	A2_I	-	-	-	30	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70328	Magnetic	402056	6062095	A2_I	-	-	-	44	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70329	Magnetic	402020	6062287	A2_I	-	-	-	25	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70330	Magnetic	402686	6063118	A2_h	-	-	-	105	A large, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70331	Magnetic	402270	6044829	A2_l	-	-	-	54	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Located approximately 100 m east of a gas pipeline and may be related or may be a separate feature. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70332	Magnetic	402464	6045525	A2_l	-	-	-	28	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70333	Magnetic	404293	6043878	A2_l	-	-	-	20	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70334	Magnetic	402102	6046870	A2_l	-	-	-	34	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70335	Magnetic	402463	6047647	A2_l	-	-	-	23	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70336	Dark reflector	402786	6047151	A2_I	9.5	0.9	-	-	An elongate dark reflector with a single, more distinct dark reflector with a longer shadow, in the centre. Possible associated scour visible. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70337	Magnetic	402800	6048106	A2_I	-	-	-	39	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70338	Magnetic	402097	6053040	A2_I	-	-	-	27	A small, broad negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70339	Magnetic	402436	6052229	A2_I	-	-	-	25	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70340	Recorded Wreck	402241	6053486	A3	-	-	-	-	The location of UKHO 6801; a non-dangerous wreck, recorded as being shown on Danish fishing chart 5400. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6801 (UKHO)	Array
70341	Magnetic	402317	6053977	A2_I	-	-	-	28	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70342	Magnetic	400155	6054214	A2_I	-	-	-	47	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70343	Magnetic	400279	6056274	A2_I	-	-	-	40	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70344	Magnetic	400408	6056122	A2_I	-	-	-	34	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70345	Magnetic	399577	6058467	A2_I	-	-	-	27	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70346	Magnetic	399680	6058425	A2_I	-	-	-	40	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70347	Dark reflector	401367	6058846	A2_I	6.7	0.8	-	-	An elongate dark reflector with shadow. A linear seabed scar is seen extending 15 m north from feature. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70348	Debris	399634	6059714	A1	7.2	2.1	0.3	-	An angular dark reflector with a long shadow, possibly two objects very close together. Approximately 5 m west of the southern end of wreck 70349. No anomalous features were identified in the MBES or Mag. data at this location, although it should be noted that due to proximity to the wreck it is likely that any associated Mag. signal would be masked by the larger signal associated with the wreck. As such, it is possible that there may be ferrous material within this feature. Interpreted as debris from the wreck.	-	Array
70349	Wreck	399649	6059722	A1	31.0	7.0	2.8	8797	An approximately elliptical dark reflector, aligned approximately NNE to SSW with a pointed end to the SSW and an angular end at the NNE, and interpreted as the outline of a hull. Several internal parallel linear dark reflectors are visible, indicating the presence of internal structure. The feature has a long shadow, indicating significant height. Some small items of debris are visible immediately adjacent. Observed in the MBES dataset as a distinct rectangular mound with a more rounded southern end that appears damaged. The wreck appears upright and situated within sand ripples so its full extent, and any further associated debris, may be buried. The southern end slopes into the seabed and may be settled or partially buried. On the eastern side there is a scour (20.0 x 2.0 x -0.3 m). Associated with a very large, sharp asymmetric dipole with peak and trough on one profile line in the Mag. data. The anomaly was recorded by Fugro as a wreck at this location. No UKHO record is associated with the wreck, suggesting it is unknown and unrecorded.	DBS_Array_06_SSS_5597 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70350	Debris	399662	6059731	A1	3.4	1.0	0.2	-	An elongate dark reflector with shadow, approximately 3 m west of the north-east end of wreck 70349 . No anomalous features were identified in the MBES or Mag. data at this location, although it should be noted that due to proximity to the wreck it is likely that any associated Mag. signal would be masked by the larger signal associated with the wreck. As such, it is possible that there may be ferrous material within this feature. Interpreted as debris from the wreck.	-	Array
70351	Dark reflector	399672	6059742	A2_I	1.7	1.5	0.1	-	A small dark reflector with a shadow. Possibly related to wreck 70349 which is located approximately 15 m to the west. No anomalous features were identified in the MBES or Mag. data at this location, although it should be noted that due to proximity to the wreck it is likely that any associated Mag. signal would be masked by the larger signal associated with the wreck. As such, it is possible that there may be ferrous material within this feature. Interpreted as a possible natural feature or may be possible debris.	-	Array
70352	Dark reflector	399741	6059716	A2_I	1.8	0.5	0.3	-	An elongate dark reflector with a shadow. Possibly related to wreck 70349 which is located approximately 90 m to the west. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_06_SSS_5599 (Fugro)	Array
70353	Dark reflector	399786	6059713	A2_I	1.8	1.3	0.6	-	An angular dark reflector with an irregular shadow. No anomalous features were identified in the MBES or Mag. data at this location. Possibly related to wreck 70349 which is located approximately 135 m to the west. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70354	Magnetic	399320	6060917	A2_I	-	-	-	29	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70355	Magnetic	401046	6060892	A2_I	-	-	-	20	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70356	Magnetic	399883	6061188	A2_I	-	-	-	25	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70357	Magnetic	399326	6061475	A2_I	-	-	-	46	A small, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70358	Magnetic	400578	6061377	A2_I	-	-	-	41	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70359	Magnetic	400533	6061603	A2_I	-	-	-	32	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70360	Magnetic	399838	6061945	A2_l	-	-	-	72	A medium, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70361	Magnetic	399625	6063082	A2_l	-	-	-	26	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70362	Magnetic	399441	6063617	A2_l	-	-	-	31	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70363	Magnetic	400472	6064022	A2_l	-	-	-	31	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70364	Magnetic	400808	6047841	A2_h	-	-	-	213	A large asymmetric dipole with peak and trough over two profile lines. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70365	Magnetic	400478	6048498	A2_l	-	-	-	39	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70366	Magnetic	399362	6048010	A2_I	-	-	-	27	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70367	Magnetic	400023	6049936	A2_I	-	-	-	46	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70368	Magnetic	400313	6050696	A2_I	-	-	-	57	A medium, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70369	Magnetic	398906	6050996	A2_1	-	-	-	26	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70370	Magnetic	399896	6051656	A2_I	-	-	-	35	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70371	Magnetic	400185	6052343	A2_I	-	-	-	26	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70372	Magnetic	398698	6053735	A2_I	-	-	-	85	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70373	Magnetic	399323	6054258	A2_I	-	-	-	83	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70374	Seabed disturbance	398223	6055031	A2_I	15.3	7.7	-	-	An elongate seabed disturbance visible as irregular dark and bright reflectors, which may possibly be a coil of rope or cable. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70375	Seabed disturbance	398926	6055075	A2_I	23.6	22.9	-	-	A rounded seabed disturbance visible as curvilinear dark and bright reflectors, which may possibly be a coil of rope or cable. Possibly related to 70367 which is located approximately 6 m to the north. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70376	Seabed disturbance	398920	6055105	A2_I	27.8	12.9	-	-	An elongate seabed disturbance visible as two elongate bright reflectors approximately 8 m apart and with an area of higher reflectivity in the centre. Both on an approximately NNE to SSW alignment. Possibly related to 70375 which is located approximately 6 m to the south. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70377	Magnetic	398862	6055157	A2_I	-	-	-	98	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70378	Recorded wreck	398793	6055787	A3	-	-	-	-	The location of UKHO 6805, an unknown wreck recorded as being shown on Danish fishing chart 5400. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6805 (UKHO)	Array
70379	Magnetic	399019	6055916	A2_h	-	-	-	120	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70380	Magnetic	397954	6057806	A2_l	-	-	-	30	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70381	Magnetic	399098	6058815	A2_l	-	-	-	33	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70382	Magnetic	398989	6058888	A2_l	-	-	-	34	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70383	Magnetic	397266	6058855	A2_l	-	-	-	38	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70384	Magnetic	398473	6059382	A2_h	-	-	-	145	A large, sharp asymmetric dipole with peak and trough on one profile line. Approximately 150 m west of Shearwater to Bacton (SEAL) Gas Pipeline and unlikely to be associated. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70385	Seabed disturbance	397365	6059572	A2_l	7.0	2.8	-	-	Seabed disturbance visible as a linear dark reflector which bends into a 'V' shape in the north. Surrounded by possible scour. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70386	Magnetic	398224	6059722	A2_l	-	-	-	36	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70387	Magnetic	397144	6060100	A2_l	-	-	-	52	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70388	Magnetic	397145	6060180	A2_l	-	-	-	46	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70389	Magnetic	397724	6061335	A2_l	-	-	-	30	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70390	Magnetic	398065	6061609	A2_h	-	-	-	108	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70391	Magnetic	398185	6062668	A2_l	-	-	-	29	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70392	Magnetic	397648	6062839	A2_l	-	-	-	31	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70393	Magnetic	396692	6063110	A2_l	-	-	-	53	A medium, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70394	Seabed disturbance	396520	6063304	A2_l	8.2	3.2	-	-	Seabed disturbance visible as several elongate dark reflectors. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70395	Magnetic	397357	6064007	A2_h	-	-	-	103	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70396	Magnetic	396396	6064171	A2_l	-	-	-	50	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70397	Seabed disturbance	396250	6065354	A2_l	5.4	2.6	-	-	An approximately oval seabed disturbance which narrows to a point towards the north-west. It consists primarily of bright reflectors and contains some smaller dark reflectors. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70398	Magnetic	396520	6066215	A2_l	-	-	-	46	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70399	Magnetic	396031	6066159	A2_l	-	-	-	23	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70400	Magnetic	398664	6045658	A2_h	-	-	-	103	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70401	Magnetic	398258	6047888	A2_l	-	-	-	47	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70402	Magnetic	397922	6048043	A2_l	-	-	-	25	A small asymmetric dipole with peak and trough on one profile line. The feature exhibits a double trough. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70403	Magnetic	396609	6048630	A2_l	-	-	-	43	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70404	Magnetic	397692	6049306	A2_l	-	-	-	39	A small asymmetric dipole with peak and trough on one profile line. Approximately 100 m east of pipeline and unlikely to be associated. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70405	Magnetic	396655	6049501	A2_h	-	-	-	191	A large negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70406	Magnetic	397069	6049944	A2_l	-	-	-	22	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70407	Dark reflector	398742	6049799	A2_l	6.1	2.0	-	-	An irregular dark reflector with a bright reflector surrounding it. Possibly more than one object, but uncertain due to data resolution. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. May be related to nearby charted Oil and Gas infrastructure, but this is unclear from the data. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_05_SSS_5481 (Fugro)	Array
70408	Linear debris	398215	6049800	A2_h	71.8	0.3	-	-	A narrow curvilinear dark reflector which casts a short shadow along its length. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Linear Debris" at this location. May be related to nearby charted Oil and Gas infrastructure, but this is unclear from the data. Interpreted as possible linear debris, potentially a length of rope or chain.	DBS_Array_04_SSS_5284 (Fugro)	Array
70410	Debris field	398093	6050193	A2_h	14.2	6.1	0.1	-	A possible debris field on an approximate NNW to SSE alignment, comprising a curvilinear dark reflector with slight height which curves round in an elongate 'U' shape, and a number of linear and curved dark reflectors with height at its NNW end. No anomalous features were identified in the MBES or Mag. data at this location. May be related to nearby charted oil and Gas infrastructure, but this is unclear from the data. Interpreted as non-ferrous debris.	-	Array
70413	Magnetic	397249	6050543	A2_l	-	-	-	35	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70414	Magnetic	396868	6051037	A2_I	-	-	-	27	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70415	Magnetic	398396	6050965	A2_I	-	-	-	46	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70416	Magnetic	396476	6051993	A2_I	-	-	-	44	A small asymmetric dipole with peak and trough over two profile lines. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70417	Dark reflector	395293	6054025	A2_I	28.0	1.0	-	-	A narrow curvilinear dark reflector which does not appear to cast a shadow. This anomaly is visible only on the low frequency SSS data. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Linear Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_03_SSS_4962 (Fugro)	Array
70418	Magnetic	397091	6054220	A2_I	-	-	-	59	A medium, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70419	Recorded wreck	395549	6055119	A3	-	-	-	-	The location of UKHO 6804, a non-dangerous wreck recorded as being shown on Danish fishing chart 5400. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6804 (UKHO)	Array
70420	Magnetic	395873	6055801	A2_l	-	-	-	40	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70421	Magnetic	397619	6055885	A2_h	-	-	-	139	A large, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70422	Magnetic	397166	6056676	A2_l	-	-	-	41	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70423	Magnetic	396947	6057870	A2_l	-	-	-	86	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70424	Magnetic	395612	6057931	A2_l	-	-	-	86	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70425	Seabed disturbance	394499	6059093	A2_l	10.8	4.6	-	-	Seabed disturbance visible as irregular dark reflectors with height, surrounded by an elongate scour. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70426	Magnetic	395050	6061522	A2_h	-	-	-	246	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70427	Magnetic	393932	6063206	A2_l	-	-	-	41	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70428	Magnetic	394236	6064323	A2_l	-	-	-	36	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70429	Magnetic	395046	6066052	A2_l	-	-	-	54	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70430	Magnetic	395206	6066173	A2_l	-	-	-	51	A medium positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70431	Magnetic	396225	6047923	A2_h	-	-	-	374	A large, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70432	Dark reflector	395086	6051493	A2_l	8.2	1.9	-	-	An elongate dark reflector with an elongate shadow. The shadow appears larger at the southern end suggesting varying height. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_03_SSS_4956 (Fugro)	Array
70433	Magnetic	394559	6051953	A2_l	-	-	-	49	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70434	Magnetic	394261	6053586	A2_l	-	-	-	57	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70435	Magnetic	393902	6055506	A2_l	-	-	-	78	A medium, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70436	Magnetic	394687	6055707	A2_l	-	-	-	73	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70437	Magnetic	394197	6058928	A2_l	-	-	-	23	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70438	Magnetic	392457	6058512	A2_h	-	-	-	133	A large, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70439	Magnetic	394087	6059533	A2_h	-	-	-	181	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70440	Magnetic	393170	6059471	A2_l	-	-	-	62	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70441	Magnetic	392712	6060419	A2_l	-	-	-	39	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70442	Magnetic	393110	6061064	A2_l	-	-	-	71	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70443	Magnetic	393753	6061319	A2_h	-	-	-	201	A large, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70444	Recorded wreck	392261	6062897	A3	-	-	-	-	The location of UKHO 6824, an unknown wreck shown on Danish fishing chart 5400, and recorded as having been observed as a definite wreck in 1982. This position is 330 m south-east of observed wreck 70448 and may represent this wreck although this is uncertain. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6824 (UKHO)	Array
70445	Magnetic	392113	6062992	A2_h	-	-	-	121	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70446	Dark reflector	391957	6062991	A2_l	1.1	0.5	0.5	-	A small dark reflector with a shadow, located 3 m north-east of wreck 70448 . No anomalous features were identified in the MBES or Mag. data at this location. Could be possible debris associated with the wreck but, as there are scattered natural boulders on the seabed in this area, could be a natural feature.	-	Array
70447	Dark reflector	391946	6062979	A2_l	1.2	0.5	0.2	-	A sub-rounded dark reflector with a shadow, located 5 m to the south-west of wreck 70448 . No anomalous features were identified in the MBES or Mag. data at this location. Could be possible debris associated with the wreck but, as there are scattered natural boulders on the seabed in this area, could be a natural feature.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70448	Wreck	391947	6062989	A1	29.6	7.8	2.5	406	A wreck with a distinct shadow containing a semi-circular dark reflector with a long, distinct shadow, possibly indicating internal structure, such as a boiler. The shape of the feature suggests the hull is relatively intact, although an intermittent shadow and some possible surrounding items of debris may suggest partial disintegration. Visible in the MBES dataset as a sub-angular elongate mound with a distinct mound (7.6 x 6.6 x 2.5 m) in the northern part, and also visible a depression in the middle (6.9 x 3.7 x -0.4 m). It is on an approximate north-west to south-east alignment. Associated with a large negative monopole with peak and trough on one profile line in the Mag. data. The anomaly was recorded by Fugro as a wreck at this location. This wreck is located 330 m north-west of UKHO record 6824 (70444) and is likely the wreck to which the record refers. however, due to the large distance between the wreck and the recorded location, they have been reported separately in this gazetteer.	DBS_Array_03_SSS_4614 (Fugro)	Array
70449	Debris	391939	6062981	A1	2.7	2.3	0.2	-	A small, rounded dark reflector which appears to be hollow in the centre, with a shadow. Probably an item of debris related to wreck 70448 which is located approximately 7 m to the north-east. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as possible non-ferrous debris associated with wreck 70448.	-	Array
70450	Dark reflector	391927	6063004	A2_I	1.1	0.6	0.3	-	A small dark reflector with a shadow, located approximately 10 m to the north-west of wreck 70448. No anomalous features were identified in the MBES or Mag. data at this location. Could be possible debris associated with the wreck but, as there are scattered natural boulders on the seabed in this area, could be a natural feature.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70451	Dark reflector	391976	6063070	A2_l	4.0	1.3	0.5	-	An elongate dark reflector with a relatively broad shadow. Shadow appears slightly irregular, indicating the feature has varying height. Located approximately 80 m to the NNE of wreck 70448 and possibly related, although due to the distance this is not certain. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70452	Dark reflector	391917	6063000	A2_l	1.5	0.3	0.2	-	A small dark reflector with a shadow, located approximately 18 m to the west of the north-west end of wreck 70448 . No anomalous features were identified in the MBES or Mag. data at this location. Could be possible debris associated with the wreck but, as there are scattered natural boulders on the seabed in this area, could be a natural feature.	-	Array
70453	Magnetic	392659	6048525	A2_l	-	-	-	65	A medium, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70454	Linear debris	392522	6048368	A2_h	203.7	0.4	0.4	-	A long, narrow and indistinct linear dark reflector with a slight shadow along its length. There are very small sub-angular dark reflectors along its length and a large object at the northern-most end measuring 6.3 x 1.3 x 0.1 m. This object is visible as two parallel straight dark reflectors with a shadow in-between, with a long and thin linear dark reflector attached and may be an item of debris. No anomalous features were identified in the MBES or Mag. data at this location. This is interpreted as a possibly non-ferrous modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70455	Linear debris	392459	6048508	A2_h	9.9	0.2	0.7	-	A short, indistinct narrow dark reflector with a shadow, this has a height of 0.1 m, attached to a small sub-angular dark reflector with a shadow measuring 3.8 x 1.1 x 0.7 m. No anomalous features were identified in the MBES or Mag. data at this location. This is interpreted as a possibly non-ferrous modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Array
70456	Magnetic	391989	6048884	A2_l	-	-	-	51	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70457	Dark reflector	391373	6049131	A2_l	5.3	3.8	0.6	-	A curved dark reflector which casts a bright shadow. Also identified in the MBES data as a sub-rounded mound, with irregular sides and smooth surface. Surrounded by shallow scour. There are no other bedforms similar in the immediate area. Situated approximately 40 m south-west of recorded obstruction 70458 and may be associated. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70458	Recorded obstruction	391397	6049161	A3	-	-	-	-	The location of UKHO 6791, originally recorded in 1972 as a wreck shown on a Danish fishing chart. The position was last surveyed in 1985 where no definite contact or Mag. anomaly was identified, however three small contacts were identified within a 50 m radius of this position. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6791 (UKHO)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70459	Linear debris	393037	6048790	A2_h	525.9	0.1	-	-	A narrow curvilinear feature, visible mostly as a bright reflector denoting shadow. The feature is orientated approximately north-east to south-west and has a number of small sub-angular dark reflectors with shadows possibly attached along its length. The average sized object measures 1.2 x 1.0 m. No anomalous features were identified in the Mag. data at this location. This is interpreted as a possibly non-ferrous modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Array
70460	Bright reflector	393446	6049665	A2_l	16.2	2.2	0.2	-	A curved bright reflector with a possible dark reflector visible at the southern end, but very indistinct. Also identified in the MBES data as a curved elongate mound, with uneven sides and rounded peak, anomalous to the surrounding seabed. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70461	Magnetic	393278	6049585	A2_l	-	-	-	37	A small asymmetric dipole with peak and trough on one profile line. Interpreted as natural. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70462	Recorded wreck	393159	6049609	A3	-	-	-	-	The location of UKHO 6792, a non-dangerous wreck shown on a Danish fishing chart, first reported in the UKHO database in 1972. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6792 (UKHO)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70463	Recorded wreck	392061	6049918	A3	-	-	-	-	The location of UKHO 6794, a non-dangerous wreck shown on a Danish fishing chart, first reported in the UKHO database in 1972. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6794 (UKHO)	Array
70464	Bright reflector	392390	6050748	A2_l	52.2	1.0	-	-	A narrow curvilinear bright reflector orientated approximately north to south on the seabed. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70465	Magnetic	392746	6050826	A2_l	-	-	-	80	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70466	Debris field	392763	6051401	A2_h	57.0	14.2	0.5	-	A curved, C-shaped area of bright reflectors, there are some very small, indistinct dark reflectors visible along the length, although the feature extents are indistinct. Also identified in the MBES data as a large approximately V-shaped curvilinear feature. It is on an approximate NNW to SSE alignment with the point to the NNW and the open end to the SSE. The southern end slopes into the seabed and may be partially buried. The feature is anomalous to the surrounding seabed. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible non-ferrous debris field.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70467	Recorded wreck	393068	6052579	A3	-	-	-	-	The location of UKHO 6798, a non-dangerous wreck shown on a Danish fishing chart, first reported in the UKHO database in 1972. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6798 (UKHO)	Array
70468	Magnetic	391938	6052472	A2_I	-	-	-	41	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70469	Magnetic	393274	6053391	A2_I	-	-	-	37	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70470	Bright reflector	390979	6053240	A2_I	36.4	2.5	-	-	A distinct, large and narrow bright reflector that is slightly curved in the south. May be a shadow, however no dark reflector is visible. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70471	Magnetic	390905	6053611	A2_I	-	-	-	47	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70472	Magnetic	392776	6054498	A2_I	-	-	-	72	A medium, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70473	Recorded wreck	392322	6055195	A3	-	-	-	-	The location of UKHO 6803, a non-dangerous wreck shown on a Danish fishing chart, first reported in the UKHO database in 1972. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6803 (UKHO)	Array
70474	Recorded wreck	392635	6057042	A3	-	-	-	-	The location of UKHO 6807, a non-dangerous wreck shown on a Danish fishing chart, first reported in the UKHO database in 1972. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6807 (UKHO)	Array
70475	Seabed disturbance	392341	6058017	A2_I	6.5	3.9	-	-	An irregular seabed disturbance visible as a dark reflector with shadow. The bright reflector in the centre may represent a hollow or shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried non-ferrous debris.	-	Array
70476	Recorded wreck	391671	6061703	A3	-	-	-	-	The location of UKHO 6822, a non-dangerous wreck shown on a Danish fishing chart, first reported in the UKHO database in 1972. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6822 (UKHO)	Array
70477	Magnetic	391666	6062154	A2_I	-	-	-	54	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70478	Dark reflector	390435	6048879	A2_l	7.9	1.6	-	-	A distinct, elongate dark reflector which appears rounded and larger at its southern end, which casts a bright shadow. Possibly represents a smaller object with an elongate sediment buildup. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70479	Linear debris	390358	6049147	A2_h	191.9	0.3	-	-	A narrow linear dark reflector which casts a small shadow. Small sub-angular dark reflectors which cast bright tapered shadows are present along the length. No anomalous features were identified in the MBES or Mag. data at this location. This is interpreted as a possibly non-ferrous modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Array
70480	Seabed disturbance	388008	6048990	A2_l	12.0	5.1	-	-	An area of three or more poorly defined, slightly irregular dark reflectors which do not appear to cast shadows, suggesting they are low lying on the seabed. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Block E
70481	Debris field	389447	6049440	A2_h	8.9	2.4	0.3	-	A group of at least six distinct dark reflectors with shadows, some directly adjacent, generally on a short curvilinear alignment. The most distinct two measuring 2.5 x 2.4 x 0.3 m and two others measuring 1.6 x 0.4 x 0.3 . No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as debris.	-	Array
70482	Magnetic	389793	6049570	A2_h	-	-	-	521	A very large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Possible significant ferrous debris that is either buried or without surface expression.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70483	Magnetic	390353	6050496	A2_h	-	-	-	146	A large negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Possible ferrous debris that is either buried or without surface expression.	-	Array
70484	Dark reflector	390627	6051059	A2_l	5.0	1.3	-	-	An elongate dark reflector which casts a bright angular shadow along its length. This feature may be two adjacent short linear features, but this is not clear. Data appears stretched at this location and so the recorded length may be overestimated. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70485	Dark reflector	389587	6051566	A2_l	5.4	0.8	-	-	A distinct elongate dark reflector which casts a bright shadow along its length. This feature appears to be stretched within the data, and so the recorded length may exaggerated. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_01_SSS_1128 (Fugro)	Array
70486	Recorded wreck	388892	6051381	A3	-	-	-	-	Location of a recorded wreck added to UKHO from Danish fishing charts in 1972. No previous survey details and no mention of any wreckage ever found at the location. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6795 (UKHO)	Array
70487	Dark reflector	388877	6051871	A2_l	4.3	0.8	-	-	An elongate, angular dark reflector which casts a bright angular shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70488	Dark reflector	389501	6052020	A2_I	6.3	0.8	-	-	A narrow, elongate dark reflector which casts a shadow. The anomaly appears stretched, so the measured dimensions may be exaggerated. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Linear Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_Array_01_SSS_1109 (Fugro)	Array
70489	Seabed disturbance	389604	6052602	A2_I	11.3	5.5	-	-	An area of disturbed seabed visible as multiple elongate dark reflectors, all along a similar orientation. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	-	Array
70490	Magnetic	390311	6053419	A2_I	-	-	-	50	A medium, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris that is either buried or without surface expression.	-	Array
70491	Recorded wreck	390126	6053392	A3	-	-	-	-	Location of a recorded wreck added to UKHO from Danish fishing charts in 1972. No previous survey details and no mention of any wreckage ever found at the location. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. This position has been retained as a precaution for recording purposes.	6799 (UKHO)	Array
70492	Magnetic	389058	6053579	A2_I	-	-	-	38	A small, broad asymmetric dipole with peak and trough on one profile line. Potentially part of a natural linear trend, but appears more distinct than other natural features in the area. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris that is either buried or without surface expression. Located 22 m south of recorded wreck 70493 , but it is unclear whether the two are connected.	-	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70493	Recorded wreck	389054	6053603	A3	-	-	-	-	The location of UKHO record 6800, an unknown wreck recorded on a Danish fishing chart in 1972 and reported as being not visually or radar conspicuous. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. Is located 22 m north of Mag. anomaly 70492 , but it is unclear whether this could be associated. This position has been retained as a precaution for recording purposes.	6800 (UKHO)	Array
70494	Magnetic	389278	6053651	A2_l	-	-	-	44	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris that is either buried or without surface expression.	-	Array
70495	Recorded wreck	390141	6054010	A3	-	-	-	-	Location of a recorded wreck added to UKHO from Danish fishing charts in 1972. No previous survey details and no mention of any wreckage ever found at the location. Not identified in the most recent 2022 datasets, which may suggest it has since been buried by mobile sediments or the record is inaccurately positioned. However, a possible debris field (70496) has been identified approximately 270 WSW of this position. This position has been retained as a precaution for recording purposes.	6802 (UKHO)	Array
70496	Debris field	389864	6053964	A2_h	18.0	15.8	-	-	An area of multiple curvilinear dark reflectors with small shadows. No anomalous features were identified in the MBES or Mag. data at this location. Located approximately 270 m WSW of a recorded wreck location that was not identified in the geophysical data (70495), but this is too far to be certain they are related. The anomaly was recorded by Fugro as "Linear Debris" at this location. Interpreted as possible non-ferrous debris field.	DBS_Array_01_SSS_1148 (Fugro)	Array



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70497	Magnetic	389850	6054384	A2_I	-	-	-	31	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris that is either buried or without surface expression.	-	Array
70498	Magnetic	421304	6039147	A2_I	-	-	-	78	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Array
70499	Magnetic	419324	6038956	A2_I	-	-	-	44	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70500	Magnetic	419148	6038765	A2_I	-	-	-	22	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70501	Magnetic	418227	6038240	A2_I	-	-	-	56	A medium positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70502	Magnetic	417368	6037152	A2_I	-	-	-	29	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70503	Magnetic	416322	6036257	A2_I	-	-	-	33	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70504	Magnetic	414769	6036778	A2_I	-	-	-	25	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70505	Magnetic	414049	6036574	A2_I	-	-	-	27	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70506	Magnetic	413211	6036220	A2_I	-	-	-	22	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70507	Magnetic	412566	6035878	A2_I	-	-	-	53	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70508	Magnetic	412401	6036264	A2_I	-	-	-	34	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70509	Magnetic	412357	6036204	A2_I	-	-	-	22	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70510	Seabed disturbance	411798	6035698	A2_I	8.6	4.2	0.8	-	Identified in the SSS as a sub-rounded seabed disturbance with a bright shadow, with a smaller indistinct rounded dark reflector with a bright shadow. with a . Observed in the MBES dataset as an isolated, sub-rounded mound with irregular sides measuring 4.1 x 3.6 x 0.3 m. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or possible debris.	DBS_ECR_F_SSS_1430 (Fugro)	Block F
70511	Mound	411309	6035340	A2_I	5.7	4.7	1.2	-	An isolated, sub-rounded mound with steep sides. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block F
70512	Magnetic	411287	6035767	A2_h	-	-	-	131	A large, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70513	Magnetic	410614	6036136	A2_I	-	-	-	27	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70514	Magnetic	408678	6035275	A2_I	-	-	-	31	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70515	Mound	408336	6035261	A2_I	9.8	4.1	0.3	-	An isolated, elongate mound, aligned north-east to south-west that appears to be bent to an obtuse angle at its north-eastern end. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block F
70516	Mound	405412	6035117	A2_I	8.6	2.2	0.2	-	An isolated, T-shaped mound with some possible scour on the south-eastern edge. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block F
70517	Magnetic	403676	6034226	A2_I	-	-	-	37	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70518	Dark reflector	401490	6033931	A2_I	19.2	1.7	0.8	-	A curved, linear dark reflector with a bright shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block F
70519	Magnetic	400870	6033449	A2_I	-	-	-	35	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70520	Magnetic	399280	6033367	A2_I	-	-	-	63	A medium positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70521	Magnetic	398679	6033860	A2_I	-	-	-	22	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70522	Magnetic	398007	6034557	A2_I	-	-	-	24	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70523	Seabed disturbance	397678	6034790	A2_I	6.7	5.4	0.6	-	Identified in the SSS dataset as an area of irregular seabed with a possible dark reflector in the centre with indistinct shadow. Observed in the MBES dataset as a rounded mound in a depression measuring 2.2 x 1.4 x 0.2 m. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	DBS_ECR_F_SSS_1397 (Fugro)	Block F
70524	Magnetic	395669	6034186	A2_I	-	-	-	25	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70525	Magnetic	395158	6035161	A2_I	-	-	-	22	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70526	Magnetic	394437	6035262	A2_I	-	-	-	20	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70527	Magnetic	391116	6035426	A2_l	-	-	-	20	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70528	Magnetic	389271	6035784	A2_h	-	-	-	337	A large, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70529	Magnetic	387968	6035171	A2_l	-	-	-	38	A small, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70530	Dark reflector	386859	6036121	A2_l	8.1	2.2	0.3	-	A curved, elongate dark reflector with a bright shadow. Located in an area of megaripples. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible non-ferrous debris.	DBS_ECR_F_SSS_1387 (Fugro)	Block F
70531	Magnetic	382957	6036796	A2_l	-	-	-	64	A medium positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70532	Magnetic	382104	6036503	A2_l	-	-	-	29	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70533	Magnetic	381423	6036089	A2_I	-	-	-	55	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70534	Recorded Wreck	380150	6036054	A3	-	-	-	-	Corresponds with the location of UKHO 6849, a recorded unknown wreck. It was last surveyed in 1986 as lying between sandwaves, measuring 25 m in length and 1.9 m in height. Not covered by the most recent 2022 datasets, so no comment can be made on the presence or current condition of this feature. This position has been retained as a precaution for recording purposes.	6849 (UKHO)	Block F
70535	Seabed disturbance	376325	6037582	A2_I	7.1	4.7	0.3	-	A seabed disturbance consisting of an oval dark reflector with a bright shadow. This is located close to a small disturbance which casts a similar shadow (not tagged) which is less likely to be anthropogenic. Located in an area of megaripples and approximately 10 m east of 70536 and may be related. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block F
70536	Seabed disturbance	376308	6037580	A2_I	15.7	4.9	0.4	-	A seabed disturbance consisting of two elongate dark reflectors with bright shadows. Located in an area of megaripples and approximately 10 m west of 70535 and so may be related. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block F
70537	Dark reflector	376173	6037271	A2_I	4.5	0.3	-	-	A distinct linear dark reflector located in an area of megaripples. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block F



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70538	Magnetic	376016	6037478	A2_I	-	-	-	21	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70539	Dark reflector	375139	6036797	A2_I	84.3	0.5	0.1	-	A linear dark reflector with a shadow that appears more indistinct to the ESE. Located in an area of mobile sediment, and appears perpendicular to surrounding megaripples. No anomalous features were identified in the MBES data at this location. This location was not covered by the Mag. dataset. Interpreted as a possible natural feature or may be possible debris.	-	Block F
70540	Magnetic	371701	6038006	A2_I	-	-	-	25	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block F
70541	Dark reflector	367641	6037854	A2_I	3.0	1.3	0.4	-	An angular dark reflector with a bright shadow which may be surrounded by scour. Located in an area of sand ripples. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block F
70542	Mound	388453	6049305	A2_I	6.3	2.1	0.2	-	A sub-rounded mound with two peaks in an area of small, closely spaced sand ripples. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block E
70543	Magnetic	387317	6049058	A2_I	-	-	-	56	A medium positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70544	Magnetic	386482	6048655	A2_l	-	-	-	45	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70545	Linear debris	386785	6048189	A2_h	30.6	1.1	-	-	A very indistinct and intermittent curvilinear dark reflector with no clear shadow. No anomalous features were identified in the MBES or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block E
70546	Magnetic	385944	6048715	A2_h	-	-	-	107	A large negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70547	Magnetic	385731	6048065	A2_l	-	-	-	27	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70548	Magnetic	385047	6048285	A2_l	-	-	-	26	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70549	Dark reflector	385303	6047441	A2_l	8.3	1.7	0.2	-	A dark reflector with a very indistinct short shadow. No anomalous features were identified in the MBES data at this location. This location was not covered by the Mag. dataset. Interpreted as a possible natural feature or may be possible debris.	-	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70550	Seabed disturbance	384399	6047633	A2_I	9.5	7.6	-	-	An irregularly shaped dark reflector with some shadow or scour to the east. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block E
70551	Magnetic	383110	6046500	A2_I	-	-	-	31	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70552	Magnetic	380460	6045771	A2_I	-	-	-	35	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70553	Magnetic	375668	6043587	A2_I	-	-	-	42	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70554	Magnetic	374766	6042835	A2_I	-	-	-	56	A medium positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70555	Recorded obstruction	372484	6042818	A3	-	-	-	-	The reported location of UKHO 6783, an obstruction seen as an area of sharp spikes in 1968. This was amended to dead in 1986 after a subsequent survey identified only an area of sand waves. Not covered by the most recent 2022 datasets, so no comment can be made on the presence or current condition of this feature. This position has been retained as a precaution for recording purposes.	6783 (UKHO)	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70556	Seabed disturbance	371044	6041766	A2_l	14.3	7.4	0.6	-	A disturbed area of seabed visible as a cluster of irregular, sub-angular dark reflectors with shadows. Observed in the MBES dataset as a sub-rounded mound, surrounded by shallow scour. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block E
70557	Debris	370909	6041173	A2_h	13.8	1.0	0.4	-	Identified in the SSS dataset as a very distinct, straight linear dark reflector oriented east-west, possibly two parallel linear anomalies with a perpendicular dark reflector. This has some surrounding scour and a short shadow. Observed in the MBES dataset as a seabed disturbance composed of three sub-rounded mounds aligned east-west. Each measures approximately 2.0 m across and are 0.2 and 0.3 m tall. They are distinct in an area of megaripples. No anomalous features were identified in the Mag. data at this location. Interpreted as debris.	-	Block E
70558	Magnetic	370362	6041054	A2_l	-	-	-	32	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70559	Magnetic	369373	6039937	A2_l	-	-	-	79	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70560	Magnetic	368431	6039819	A2_l	-	-	-	21	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70561	Dark reflector	368196	6039409	A2_l	4.8	1.8	0.3	-	A small, angular dark reflector with a short shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block E
70562	Magnetic	367744	6039490	A2_l	-	-	-	21	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70563	Magnetic	366940	6039210	A2_l	-	-	-	36	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70564	Magnetic	366266	6038780	A2_l	-	-	-	36	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70565	Debris field	365895	6038932	A2_h	7.3	3.8	-	102	Identified in the SSS dataset as an irregular and indistinct area of dark reflectors with possible associated shadow extending to the south. This feature was visible in the low frequency SSS data only, measurements are approximate as a result. Observed in the Mag. dataset as a large negative monopole with peak and trough on one profile line. No anomalous features were identified in the MBES data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as possible ferrous debris.	DBS_ECR _E_SSS _1343 (Fugro)	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70566	Magnetic	360455	6034763	A2_l	-	-	-	74	A medium, sharp symmetric dipole with peak and trough on one profile line. Also visible on adjacent profile line to the north-west. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70567	Dark reflector	359499	6034959	A2_l	9.8	1.1	0.2	-	An elongate, slightly irregular dark reflector with a short shadow. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible debris.	DBS_ECR_E_SSS_1332 (Fugro)	Block E
70568	Dark reflector	358574	6034465	A2_l	5.1	1.4	0.1	-	A slightly indistinct, sub-rounded dark reflector with a very short shadow. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible debris.	DBS_ECR_E_SSS_1330 (Fugro)	Block E
70569	Magnetic	358820	6033837	A2_l	-	-	-	33	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70570	Linear debris	358183	6034183	A2_h	92.1	0.7	-	-	A long slightly curvilinear dark reflector with no shadow. No anomalous features were identified in the MBES or Mag. data at this location. Possible non-ferrous linear debris, potentially a length of rope or chain.	-	Block E
70571	Debris field	358909	6033583	A1	25.4	13.8	0.2	-	An area of angular and irregular dark reflectors with associated shadows. This is located on the north side of wreck 70572 and is likely associated. This is present within sandwaves, so these dark reflectors may represent partially buried items. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as debris.	-	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70572	Wreck	358904	6033574	A1	31.0	10.0	2.0	164	Identified in the SSS dataset as a distinct curved dark reflector which delineates the outline of a wreck oriented broadly east-west which casts an angular shadow. The easternmost extent is wedge shaped and some internal dark reflectors with associated shadow suggest the structure may be upright. Associated debris fields are located to the north (70571) and south (70573), and there is debris to the WNW (70574). Observed in the MBES dataset as an elongate and irregular mound, slightly curved and aligned east to west with a wider eastern end. The top of the wreck is uneven indicating the wreck is upright with surviving superstructure. A wide scour surrounds, deeper in the east at -1.5 m and shallowest in the west at -0.8 m. This is present within sandwaves, so the full extent of the wreck may be buried. Associated with a large asymmetric dipole with peak and trough on one profile line in the Mag. data, though not directly covered by a Mag. line and likely to be significantly larger. The anomaly was recorded by Fugro as "Wreck" at this location. Corresponds with the location of UKHO 6617 an unknown, charted wreck. This wreck was recorded as lying between two sandwaves in 1986, but not visible in 2008, suggesting it is periodically covered by mobile sediments.	6617 (UKHO), DBS_ECR_E_SSS_1331 (Fugro)	Block E
70573	Debris field	358906	6033568	A1	10.2	3.1	0.1	-	An area of short linear and irregular dark reflectors with shadows. This is located on the south side of wreck 70572 and is likely associated. This is present within sand waves, so these dark reflectors may represent partially buried items. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as debris.	-	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70574	Debris	358875	6033584	A1	4.6	1.1	0.1	-	A small, elongate and slightly rounded dark reflector with a tapered shadow. This is located within 18 m of wreck 70572 and may be associated debris. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as possible debris.	-	Block E
70575	Mound	357736	6033907	A2_l	9.8	2.6	0.2	-	An elongate mound aligned NNW to SSE and surrounded by sand ripples. This anomaly is located 28 m north-east of similar anomaly 70576 . No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block E
70576	Mound	357725	6033875	A2_l	16.3	2.5	0.2	-	An elongate mound, aligned north-west to south-east and present in an area of sand ripples. This anomaly is located 28 m south-west of similar elongate anomaly 70575 . No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block E
70577	Debris field	357827	6033485	A2_h	9.7	8.7	0.6	-	Identified in the SSS dataset as a cluster of elongate and angular dark reflectors with associated shadows, located within mobile sediments. Observed in the MBES dataset as an isolated rounded mound with no scour, located in an area of sand ripples. No anomalous features were identified in the Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as debris.	DBS_ECR _E_SSS _1324 (Fugro)	Block E
70578	Magnetic	355999	6032538	A2_l	-	-	-	88	A medium, sharp asymmetric dipole with peak and trough on one profile line. Also visible on adjacent profile. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70579	Mound	355464	6032359	A2_l	5.4	2.8	0.5	-	An isolated sub-rounded mound with two peaks present in an area of sand ripples. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block E
70580	Mound	355737	6031702	A2_l	5.8	4.6	0.5	-	An isolated rounded mound surrounded within shallow scour. Located in an area of sand ripples. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block E
70581	Mound	355613	6031547	A2_l	9.1	4.2	0.2	-	An isolated sub-rounded mound with two peaks, surrounded scour and located in an area of sand ripples. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block E
70582	Magnetic	355178	6031653	A2_l	-	-	-	47	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70583	Magnetic	354813	6030370	A2_l	-	-	-	74	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70584	Linear debris	353632	6029745	A2_h	20.9	1.1	-	-	A short, slightly curvilinear dark reflector which runs perpendicular to megaripples and sand waves in the area. No anomalous features were identified in the MBES or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70585	Magnetic	354069	6029298	A2_I	-	-	-	31	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70586	Seabed disturbance	350671	6026792	A2_I	10.5	8.9	0.1	-	A cluster of rectangular and angular dark reflectors located within mobile sediments. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block E
70587	Dark reflector	351297	6026276	A2_I	8.1	2.2	0.6	-	A small sub-angular dark reflector with a clear shadow. This anomaly is similar to 70588 located 8 m to the ENE. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block E
70588	Dark reflector	351304	6026279	A2_I	5.4	1.7	0.3	-	A small elongate dark reflector with a clear shadow. This anomaly is similar to 75587 located 8 m to the WSW. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block E
70589	Magnetic	349028	6024945	A2_I	-	-	-	35	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70590	Magnetic	348539	6024741	A2_I	-	-	-	24	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70591	Debris field	348775	6024521	A2_h	25.5	2.5	0.5	-	A curvilinear dark reflector which casts a bright shadow. This anomaly is intermittent as it appears to be within mobile sediments, or three separate objects. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" and "Unidentified Target" at this location. Interpreted as debris.	DBS_ECR_E_SSS_1309, DBS_ECR_E_SSS_1310, DBS_ECR_E_SSS_1311 (Fugro)	Block E
70592	Dark reflector	349393	6024229	A2_l	8.6	1.7	-	-	A very indistinct, irregular dark reflector with no clear shadow. This location was not covered by the MBES and Mag. datasets. Interpreted as a possible natural feature or may be possible debris.	-	Block E
70593	Dark reflector	348716	6024113	A2_l	12.2	0.7	-	-	A curvilinear dark reflector with no obvious shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block E
70594	Magnetic	347699	6022965	A2_l	-	-	-	24	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70595	Magnetic	346912	6022884	A2_l	-	-	-	92	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70596	Magnetic	347383	6022171	A2_l	-	-	-	31	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70597	Dark reflector	346559	6022546	A2_I	5.7	0.8	0.1	-	A short, straight, linear dark reflector with a short shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block E
70598	Magnetic	346824	6022339	A2_I	-	-	-	33	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70599	Magnetic	346370	6022437	A1	-	-	-	1575	A very large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as ferrous debris either buried or with no surface expression.	-	Block E
70600	Debris field	345568	6021470	A2_h	7.3	5.4	0.2	-	A small cluster of indistinct linear dark reflectors with short shadows, possibly one continuous feature that may be a coiled rope. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as debris.	DBS_ECR_E_SSS_1287 (Fugro)	Block E
70601	Magnetic	346104	6021116	A2_I	-	-	-	48	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70602	Dark reflector	346114	6020630	A2_I	2.7	2.4	0.5	-	Identified in the SSS dataset as an elongate, rounded dark reflector with a short rounded shadow and some scour. Observed in the MBES dataset as a small rounded mound measuring 1.4 x 1.4 x 0.1 m with an associated scour or depression. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block E



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70603	Magnetic	345911	6020438	A2_I	-	-	-	57	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block E
70604	Dark reflector	345054	6018991	A2_I	7.8	1.1	0.2	-	A short, curved, linear dark reflector which casts a shadow along its length. No anomalous features were identified in the MBES data at this location. This location was not covered by the Mag. dataset. Interpreted as a possible natural feature or may be possible debris.	-	Block E
70605	Magnetic	343050	6018688	A2_I	-	-	-	28	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70606	Dark reflector	341713	6017434	A2_I	4.2	0.9	1.1	-	An elongate dark reflector with long broad shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block C
70607	Magnetic	342015	6016782	A2_I	-	-	-	48	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70608	Magnetic	341007	6016748	A2_I	-	-	-	43	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70609	Magnetic	340707	6016512	A2_l	-	-	-	46	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70610	Magnetic	340834	6015827	A2_l	-	-	-	96	A medium, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70611	Debris	338556	6015147	A2_h	3.2	1.2	-	77	Identified in the SSS dataset as a faint dark reflector with indistinct boundaries within possible scour. Associated with a medium asymmetric dipole with peak and trough on one profile line in the Mag. data. No anomalous features were identified in the MBES data at this location. Interpreted as possible ferrous debris.	-	Block C
70612	Magnetic	338497	6014606	A2_l	-	-	-	32	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70613	Magnetic	336045	6013220	A2_l	-	-	-	86	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70614	Debris field	335469	6013150	A2_h	8.8	8.3	1.4	-	Identified in the SSS dataset as an irregular dark reflector with broad straight-sided shadow. This measures 6.7 x 5.8 x 1.4 m. There is a cluster of smaller dark reflectors visible at the south-east edge which individually measure around 1.9 x 0.9 x 0.4 m. Observed in the MBES dataset as a rounded mound within a depression. No anomalous features were identified in the Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as debris.	DBS_ECR_C_SSS_1050 (Fugro)	Block C
70615	Debris	336168	6012833	A2_h	1.2	0.8	-	40	Identified in the SSS dataset as a small sub-angular dark reflector with no discernible shadow. The object is situated within an area of sand waves and may be larger than tagged but this is unclear in the data. Associated with a small positive monopole with peak and trough on one profile line in the Mag. data. No anomalous features were identified in the MBES data at this location. Interpreted as possible ferrous debris.	-	Block C
70616	Magnetic	336040	6012609	A2_l	-	-	-	44	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70617	Dark reflector	335542	6012441	A2_l	5.1	1.7	0.9	-	A distinct elongate dark reflector with a regular shadow, with scour to the north-west and south-east and situated within sand waves. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block C
70618	Magnetic	334258	6012040	A2_l	-	-	-	23	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70619	Seabed disturbance	334048	6011422	A2_I	11.7	8.6	1.0	-	An oval area of irregular seabed with an unusual shadow. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected debris" at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	DBS_ECR_C_SSS_1044 (Fugro)	Block C
70620	Magnetic	333376	6011603	A2_I	-	-	-	30	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70621	Magnetic	333335	6011296	A2_I	-	-	-	46	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70622	Magnetic	334240	6010851	A2_I	-	-	-	24	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70623	Magnetic	334045	6010838	A2_I	-	-	-	34	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70624	Magnetic	332587	6011201	A2_I	-	-	-	24	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70625	Magnetic	332987	6010976	A2_I	-	-	-	21	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70626	Magnetic	333786	6010073	A2_I	-	-	-	39	A small, broad positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70627	Debris	333923	6009726	A1	4.1	1.5	-	-	An irregular sub-rounded dark reflector with no discernible shadow. It is located approximately 8 m to the east of wreck 70628 and is likely associated debris. This location was not covered by the MBES or Mag. dataset. Interpreted as debris.	-	Block C
70628	Wreck	333909	6009714	A1	35.4	14.0	2.1	-	A wreck visible as a distinct elongate dark reflector with a complex internal structure. A series of parallel sub-rounded dark reflectors extend the length of the visible anomaly extent. There is significant shadow and scour is visible extending to the north and east and the wreck is situated within an area of sand waves, that may periodically cover the wreck. It is only partially covered by the SSS data and is poorly imaged, any measurements should be considered a minimum. This is on an approximate north to south alignment. This location was not covered by the MBES or Mag. dataset. Corresponds with the location of UKHO 6596, an unknown wreck. This was last surveyed in 2008 and was reported to consist of a steel hull, measuring 31 x 6.5 x 4 m. It is possibly in three segments. Interpreted as a wreck.	6596 (UKHO)	Block C



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70629	Magnetic	332500	6010398	A2_I	-	-	-	48	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70630	Magnetic	330255	6009658	A2_I	-	-	-	36	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70631	Magnetic	329722	6008251	A2_I	-	-	-	71	A medium, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70632	Magnetic	329238	6008383	A2_I	-	-	-	39	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70633	Seabed disturbance	327822	6007475	A2_I	13.0	11.4	1.2	-	Identified in the SSS dataset as a rounded area of disturbed seabed comprising sub-rounded and curvilinear dark reflectors with an irregular shadow. Observed in the MBES dataset as a large rounded mound with a steep western slope and a more shallow eastern slope. There is a thin peak, curving around the mounds western to southern edge. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block C



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70634	Magnetic	327326	6007024	A2_l	-	-	-	54	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70635	Magnetic	327272	6007012	A2_l	-	-	-	20	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70636	Dark reflector	325664	6006087	A2_l	5.4	1.6	0.5	-	Identified in the SSS dataset as a faint elongate dark reflector with short even shadow along its length. Observed in the MBES dataset as an isolated, elongate mound, aligned north to south. No anomalous features were identified in the Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block C
70637	Magnetic	323135	6004938	A2_h	-	-	-	181	A large, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70638	Magnetic	321360	6002813	A2_l	-	-	-	41	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70639	Magnetic	321108	6002653	A2_h	-	-	-	183	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70640	Dark reflector	320896	6002349	A2_l	5.3	0.4	0.2	-	A narrow elongate dark reflector with an even shadow along its length. There appears to be some data interference and the measurements may be inaccurate. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block C
70641	Magnetic	319122	6002308	A2_l	-	-	-	29	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70642	Debris	318881	6002011	A2_h	2.7	0.5	1.4	41	Identified in the SSS dataset as a faint elongate dark reflector with broad rounded shadow. No anomalous features were identified in the MBES data at this location. Associated with a small asymmetric dipole with peak and trough on one profile line in the Mag. data. Interpreted as possible ferrous debris.	-	Block C
70643	Magnetic	317819	6000848	A2_l	-	-	-	88	A medium negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70644	Recorded wreck	405957	6034121	A3	-	-	-	-	Corresponds with the location of UKHO 6773, an unknown wreck that has been classified as dead. This position was recorded from Danish fisheries chart 5400 and no corresponding features have ever been identified at this position. This location was not covered by the 2022 datasets.	6773 (UKHO)	Block F



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70645	Seabed disturbance	315739	5998795	A2_I	13.6	10.4	0.2	-	A seabed disturbance, made up of six small rounded mounds in a circular arrangement. Each mound is approximately 1.0 m in diameter. It is located in an area of clear seabed. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block C
70646	Dark reflector	310909	5995827	A2_I	5.2	0.6	-	-	A distinct linear dark reflector with no clear shadow. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block C
70647	Magnetic	310920	5995083	A2_I	-	-	-	45	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70648	Magnetic	310856	5994965	A2_I	-	-	-	43	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70649	Magnetic	309922	5994994	A2_I	-	-	-	34	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70650	Magnetic	310334	5994575	A2_I	-	-	-	77	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70651	Magnetic	309248	5994476	A2_l	-	-	-	29	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS or MBES data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block C
70652	Debris	309120	5994655	A2_h	8.2	0.8	0.3	-	A short, narrow linear dark reflector which casts a small bright shadow. No anomalous features were identified in the MBES and Mag. data at this location. The anomaly was recorded by Fugro as "Unidentified target" at this location. Interpreted as debris.	DBS_ECR_C_SSS_0875 (Fugro)	Block B
70653	Recorded wreck	308058	5993801	A3	-	-	-	-	Corresponds with the location of a dead wreck (UKHO 6586). The record is that of the possible location of the wreck <i>Resercho</i> (Possibly), which was mined and sunk in 1939, although the record further states that in 1986 during a search for aircraft wreckage, it was likely to be related to a crashed Tornado, large parts of which have been recovered in the vicinity. The wreck was last investigated by MBES survey in 2016 but was not visible in the data and the wreck was amended to dead. No anomalous features were identified in the 2022 data at this location during this assessment. This may be due to the fact the some of the wreckage has been recovered; however, as the record does not state that all of the wreckage was recovered, there is still the possibility of wreckage material being present on, or below, the seabed.	6586 (UKHO)	Block B
70654	Magnetic	308098	5994494	A2_h	-	-	-	167	Identified in the Mag. dataset as a large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried with possible surface expression.	-	Block B



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70655	Magnetic	307441	5994351	A2_I	-	-	-	76	A medium asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block B
70656	Dark reflector	307274	5994405	A2_I	9.4	4.6	-	-	An indistinct mostly circular dark reflector with a possible linear feature running through the feature. Located adjacent to sand ripples. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block B
70657	Magnetic	306006	5993443	A2_I	-	-	-	37	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block B
70658	Dark reflector	305753	5993140	A2_I	1.4	0.6	0.5	-	An angular dark reflector with a long, bright shadow. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block B
70659	Recorded wreck	305470	5991998	A3	-	-	-	-	Corresponds with the location of the wreck of the <i>Feltre</i> (UKHO 6470). This was an Italian steamship which sank in August 1917 after being torpedoed by UB-32. The record states that the wreck was last surveyed in September 2016 when it was identified as a broken up wreck, measuring 135.4 x 34.2 x 11.3 m, with a strong associated magnetic anomaly. This location was not covered by any of the 2022 datasets and, as such, no comment can be made on the wreck's current condition.	6470 (UKHO)	Block B



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70660	Dark reflector	305383	5993376	A2_I	2.7	0.5	0.1	-	A sub-rounded dark reflector with a shadow. Possibly related to 70661 which is located approximately 3 m to the north. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block B
70661	Dark reflector	305381	5993368	A2_I	18.9	1.8	0.2	-	An indistinct linear dark reflector with bright shadow. The south-east end is located in an area of ripples. Located approximately 3 m south of feature 70660 and may be related. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block B
70662	Mound	302692	5991907	A2_I	6.1	2.0	0.2	-	An elongate mound, aligned north-west to south-east. No anomalous features were identified in the MBBS data at this location. This location was not covered by the SSS or Mag. datasets. Interpreted as a possible natural feature or possible debris.	-	Block B
70663	Seabed disturbance	302677	5991923	A2_I	7.2	3.4	0.4	-	A seabed disturbance made up of two elongate mounds, lying alongside on another. One is aligned north-west to south-east and measures 4.5 x 1.3 x 0.4 m. The other is located less than a metre north and aligned WNW to ESE, measuring 3.8 x 1.0 x 0.2 m. No anomalous features were identified in the MBBS data at this location. This location was not covered by the SSS or Mag. datasets. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block B
70664	Seabed disturbance	302602	5990842	A2_I	10.8	2.8	0.3	-	A seabed disturbance made up of two sub-rounded mounds, one measuring 5.1 x 3.1 x 0.3 m. The other is located approximately 3 m north-west and measures 2.2 x 1.9 x 0.2 m. No anomalous features were identified in the MBBS data at this location. This location was not covered by the SSS or Mag. datasets. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block B



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70665	Linear debris	300243	5990419	A2_h	125.6	1.0	-	-	A thin linear feature on a north-east to south-west alignment with possible accompanying shadow/ scour. Along the length there are four features, measuring approximately 3 x 2 m, and spaced 34 m apart. No anomalous features were identified in the MBES data at this location. This location was not covered by the SSS or Mag. datasets. This is interpreted as a possible modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block B
70666	Seabed Disturbance	297933	5988995	A2_l	12.6	6.4	0.2	-	Observed in the MBES dataset as an isolated, sub-rounded mound. Identified in the MBBS dataset as a seabed disturbance made up of a pair of sub-rounded dark reflectors, one measuring 6.2 x 4.4 m and the other measuring 6.3 x 2.6 m. The two dark reflectors are surrounded by a sub-rounded bright reflector that is likely a scour pit or a depression. No anomalous features were identified in the SSS or Mag. datasets at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block A
70667	Mound	298138	5988272	A2_l	1.7	1.0	0.5	-	An isolated, sub-rounded mound. No anomalous features were identified in the MBBS data at this location. This location was not covered by the SSS or Mag. dataset. Interpreted as a possible natural feature or possible debris.	-	Block A
70668	Dark reflector	298346	5988659	A2_l	2.1	0.8	0.4	-	A distinct sub angular dark reflector with a shadow and possible slight scour adjacent. Possibly related to a larger linear feature, 70669, which is located 11 m north. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70669	Linear debris	298387	5988672	A2_h	147.3	0.2	0.1	-	A distinct linear dark reflector with a slight shadow in an area of seabed with small rocks. Possibly associated with 70668 , located 11 m south. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A
70670	Dark reflector	298114	5988756	A2_l	3.0	0.9	0.6	-	A distinct, elongate dark reflector with a shadow in an area of seabed with ripples and small rocks. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70671	Linear debris	298151	5988786	A2_h	38.8	0.2	0.1	-	A distinct linear dark reflector with a slight shadow, adjacent (and possibly related) to a dark reflector and sand ripples. Possibly a continuation of 70672 approximately 23 m to the east. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70672	Linear debris	298211	5988783	A2_h	34.2	0.1	0.1	-	A distinct linear dark reflector with a slight shadow. Two distinct dark reflectors are seen along the feature which may represent associated items or may be natural features. Located 8 m south-west of anomaly 70673 . Possibly a continuation of 70671 approximately 23 m to the west. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A
70673	Linear debris	298228	5988798	A2_h	15.5	0.3	-	-	A distinct linear dark reflector with a slight scour in an area of seabed with some rocks. Located 8 m north-east of anomaly 70672 . No anomalous features were identified in the MBES, MBBS or Mag. data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A
70674	Magnetic	298260	5988786	A2_I	-	-	-	71	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the MBES, MBBS or SSS. data at this location. The anomaly was recorded by Fugro as "Suspected Debris " at this location. Interpreted as possible ferrous debris either buried or with no clear anomalous surface expression.	DBS_ECR_A_SSS_0853 (Fugro)	Block A
70675	Magnetic	298448	5988778	A2_I	-	-	-	13	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the MBES or MBBS data at this location. This location was not covered by the SSS dataset. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70676	Linear debris	298275	5988953	A2_h	302.5	0.5	0.1	-	Identified in the SSS dataset as a distinct, curvilinear dark reflector with a slight shadow and numerous dark reflectors connected to or adjacent to the feature, measuring on average 1.1 x 0.2 x 0.2 m. It is on a north-east to south-west alignment. Observed in the MBBS dataset as a dark reflector that measures 1.6 x 0.8 m, with a faint linear dark reflector extending away from it to the south-west. No anomalous features were identified in the MBES or Mag. datasets at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A
70677	Magnetic	298342	5989527	A2_l	-	-	-	19	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70678	Mound	297789	5988056	A2_l	1.1	1.0	0.3	-	A sub-rounded mound, located in an area with several smaller, likely natural mounds nearby. No anomalous features were identified in the MBBS data at this location. This location was not covered by the SSS or Mag. dataset. Interpreted as a possible natural feature or possible debris.	-	Block A
70679	Dark reflector	297853	5988604	A2_l	2.6	1.8	0.7	-	A distinct angular dark reflector with a shadow in an area of seabed with numerous small rocks. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70680	Magnetic	297993	5988690	A2_h	-	-	-	144	A large, sharp positive monopole with peak and trough on one profile line. May be related to 70681 approximately 17 m south-west. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70681	Magnetic	297978	5988681	A2_l	-	-	-	40	A small, sharp asymmetric dipole with peak and trough on one profile line. May be related to 70680 approximately 17 m north-east. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. The anomaly was recorded by Fugro as "Suspected Debris " at this location. Interpreted as possible ferrous debris either buried or with no clear anomalous surface expression.	DBS_ECR_A_SSS_0793 (Fugro)	Block A
70682	Magnetic	297779	5989101	A2_l	-	-	-	28	A small positive monopole. Interpreted as a natural feature. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70683	Magnetic	297850	5989189	A2_l	-	-	-	97	A medium, sharp asymmetric dipole. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70684	Dark reflector	297895	5989229	A2_l	3.1	1.1	-	-	An isolated, linear dark reflector on a north-west to south-east alignment. No anomalous features were identified in the SSS, MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70685	Mound	297590	5987930	A2_l	1.3	0.6	0.2	-	An isolated, sub-rounded mound. Surrounded by shallow scour. No anomalous features were identified in the MBBS data at this location. This location was not covered by the SSS or Mag. dataset. Interpreted as a possible natural feature or possible debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70686	Dark reflector	297592	5988125	A2_I	1.4	0.6	0.2	-	Identified in the SSS dataset as a distinct, sub-rounded dark reflector with a shadow and scour in an area of sandy seabed with no other visible notable features. Observed in the MBBS dataset as an isolated, rounded dark reflector. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70687	Magnetic	297686	5988243	A2_I	-	-	-	54	A medium, sharp asymmetric dipole with peak and trough on one profile line. Possibly related to anomaly 70688, which is 35 m to the north-east. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70688	Magnetic	297716	5988262	A2_I	-	-	-	30	A small symmetric dipole with peak and trough on one profile line. Possibly related to anomaly 70687, which is 35 m to the south-west. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70689	Mound	297618	5988558	A2_I	2.1	1.5	0.1	-	A right-angled mound with one section aligned north-west to south-east and one north-east to south-west. There is scour present on its north-east side. No anomalous features were identified in the MBBS at this location. This location was not covered by the SSS or Mag. dataset. Interpreted as a possible natural feature or possible debris.	-	Block A
70690	Mound	297752	5988680	A2_I	2.0	0.9	0.2	-	An irregular mound with scour extending to the north and south. Located an area of clear seabed. No anomalous features were identified in the MBBS at this location. This location was not covered by the SSS or Mag. dataset. Interpreted as a possible natural feature or possible debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70691	Dark reflector	297473	5988547	A2_I	6.7	3.6	0.1	-	Identified in the MBES dataset as an isolated, sub-rounded mound with two peaks. Scour pit on the western edge of the mound. Observed in the MBBS data as an isolated sub-rounded dark reflector. This location was not covered by the SSS or Mag. dataset. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70692	Magnetic	297277	5988572	A2_I	-	-	-	19	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as a possible natural feature or possible ferrous debris.	-	Block A
70693	Dark reflector	297334	5988864	A2_I	2.1	1.0	-	-	A elongate dark reflector, aligned ENE to WSW. May be related to 70694 , which is located 25 m north-east. No anomalous features were identified in the SSS, MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70694	Dark reflector	297352	5988881	A2_I	5.0	4.0	-	-	Three linear dark reflectors on a north-west to south-east alignment. Each reflector measures approximately 4 x 1 m. All are located 0.8 m apart. May be related to 70693 , which is located 25 m south-west. No anomalous features were identified in the SSS, MBES or Mag. data at this location. May be interference although this is not certain. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70695	Magnetic	297367	5988960	A2_I	-	-	-	13	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as a possible natural feature or possible ferrous debris.	-	Block A
70696	Dark reflector	297133	5988625	A2_I	3.0	2.8	-	-	A isolated, rounded dark reflector in an area of clear seabed. No anomalous features were identified in the SSS, MBES or Mag. data at this location. Interpreted as possible natural feature or may be possible debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70697	Magnetic	296980	5988596	A2_l	-	-	-	10	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as a possible natural feature or possible ferrous debris.	-	Block A
70698	Magnetic	296882	5988661	A2_l	-	-	-	16	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as possible natural feature or may be possible ferrous debris.	-	Block A
70699	Magnetic	296525	5987474	A2_l	-	-	-	46	A small, sharp asymmetric dipole with peak and trough on one profile line and a small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. There are several other Mag. anomalies in the area, the closest being 70700 , approximately 36 m north-west. They are too distantly spaced to be grouped, but may be related to each other. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70700	Magnetic	296512	5987508	A2_h	-	-	-	122	A large, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. There are several other Mag. anomalies in the area, the closest being 70699 , approximately 36 m south-east. They are too distantly spaced to be grouped, but may be related to each other. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70701	Magnetic	296556	5987574	A2_h	-	-	-	232	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. There are several other Mag. anomalies in the area, the closest being 70702 , approximately 36 m north-west. They are too distantly spaced to be grouped, but may be related to each other. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70702	Magnetic	296526	5987594	A2_h	-	-	-	209	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. There are several other Mag. anomalies in the area, the closest being 70701 , approximately 36 m south-east. They are too distantly spaced to be grouped, but may be related. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70703	Magnetic	296599	5987627	A2_l	-	-	-	54	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70704	Magnetic	296642	5987837	A2_l	-	-	-	11	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70705	Magnetic	296642	5987869	A2_l	-	-	-	16	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70706	Magnetic	296604	5988237	A2_l	-	-	-	34	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as a possible natural feature or possible ferrous debris.	-	Block A
70707	Magnetic	296621	5988239	A2_l	-	-	-	26	A small magnetic anomaly made up of an asymmetric dipole with peak and trough over two profile lines. No anomalous features were identified in the SSS, MBES, or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70708	Dark reflector	296663	5988279	A2_l	3.3	0.9	-	-	An isolated, elongate dark reflector aligned north-east to south-west. Located in an area of clear seabed. No anomalous features were identified in the MBES, SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block A
70709	Magnetic	296301	5988161	A2_l	-	-	-	47	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70710	Linear debris	296089	5987332	A2_h	29.6	0.2	0.1	-	A distinct curvilinear dark reflector with a very slight shadow. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A
70711	Linear debris	296092	5987399	A2_h	54.5	0.3	0.1	-	A distinct curvilinear dark reflector with a slight shadow. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A
70712	Magnetic	296078	5987498	A2_l	-	-	-	17	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70713	Linear debris	296069	5987743	A2_h	45.8	0.2	0.1	-	A distinct linear dark reflector with a slight shadow in an area of featureless seabed with no other notable features in the vicinity. Reflection suggests that it might be partially buried or broken up at points along its length. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A
70714	Linear debris	296064	5987829	A2_h	45.7	0.2	0.1	-	A distinct curvilinear dark reflector with a slight shadow in an area of featureless seabed with no other notable features in the vicinity. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A
70715	Dark reflector	296227	5988063	A2_l	1.3	3.5	-	-	An isolated, elongate dark reflector aligned NEE to SWW. No anomalous features were identified in the SSS, MBES or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block A
70716	Seabed disturbance	296058	5988040	A2_l	14.2	6.8	0.5	-	Observed in the MBES dataset as an isolated, irregular mound, with multiple peaks. Its western side is elongate, aligned east to west, with a shallower, sub-rounded eastern side. Identified in the MBBS dataset as a isolated, sub-rounded dark reflector with a rounded bright reflector on its southern edge, measuring approximately 3 m across. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block A
70717	Magnetic	295998	5987690	A2_l	-	-	-	63	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70718	Debris	295839	5987678	A2_h	4.0	0.2	0.1	-	Identified in the SSS datasets as a curvilinear dark reflector with a slight shadow in an area of sandy seabed with no other notable features present in the vicinity. Observed in the MBBS dataset as an isolated, elongate dark reflector, aligned north-east to south-west. No anomalous features were identified in the MBES or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris " at this location. Interpreted as debris.	DBS_ECR_A_SSS_0736 (Fugro)	Block A
70719	Magnetic	295809	5987726	A2_l	-	-	-	53	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70720	Magnetic	295772	5987872	A2_l	-	-	-	27	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70721	Magnetic	295566	5987146	A2_l	-	-	-	30	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70722	Seabed Disturbance	295691	5987910	A2_l	8.5	5.5	0.1	-	A sub-rounded area of irregular seabed, primarily made up of small irregular mounds and rounded depressions. A secondary rounded mound is located approximately 2 m to the south-west measuring 1.9 x 1.9 x 0.2 m and may be related. No anomalous features were identified in the SSS, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70723	Magnetic	295442	5987119	A2_h	-	-	-	214	A large, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70724	Magnetic	295326	5987636	A2_l	-	-	-	10	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70725	Debris	295328	5987925	A2_h	3.1	2.2	0.4	17	Identified in the SSS datasets as a distinct, angular dark reflector. Shadow appears irregular suggesting an object with varying height or possibly several separate but associated objects. Observed in the MBES dataset as a isolated, sub-rounded mound, surrounded by scour. Associated with a small, asymmetric dipole in the Mag. data. No anomalous features were identified in the MBBS data at this location. The anomaly was recorded by Fugro as "Suspected Debris " at this location. Interpreted as ferrous debris.	DBS_ECR_A_SSS_0735 (Fugro)	Block A
70726	Magnetic	295131	5987269	A2_l	-	-	-	18	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70727	Magnetic	295132	5987341	A2_l	-	-	-	49	A small, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70728	Magnetic	295150	5987592	A2_l	-	-	-	14	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70729	Magnetic	295102	5987787	A2_l	-	-	-	13	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70730	Dark reflector	294804	5987685	A2_l	3.4	2.0	0.1	-	Observed in the MBES dataset as a isolated sub-rounded mound with three peaks. Identified in the MBBS dataset as a pair of elongate dark reflectors, aligned north to south. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block A
70731	Linear debris	294621	5986773	A2_h	7.8	1.1	-	-	A faint, isolated, linear dark reflector. No anomalous features were identified in the SSS, MBES or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A
70732	Magnetic	294738	5987057	A2_l	-	-	-	31	A small asymmetric dipole. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70733	Dark reflector	294633	5987549	A2_l	4.1	3.4	0.1	-	Observed in the MBES dataset as a isolated, sub-rounded mound. Identified in the MBBS dataset as an isolated, subrounded dark reflector. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70734	Dark reflector	294480	5986608	A2_l	2.7	1.6	-	-	An isolated, sub-rounded dark reflector. No anomalous features were identified in the MBES data at this location. This location was not covered by the SSS or Mag. dataset. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70735	Mound	294448	5986710	A2_l	1.1	0.7	0.1	-	An isolated, sub-rounded mound in an area of clear seabed. No anomalous features were identified in the MBBS data at this location. This location was not covered by SSS or the Mag. dataset. Interpreted as a possible natural feature or possible debris.	-	Block A
70736	Magnetic	294276	5986824	A2_l	-	-	-	22	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70737	Magnetic	294500	5987024	A2_l	-	-	-	25	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70738	Linear debris	294425	5986900	A2_h	24.8	1.2	0.2	56	Identified in the SSS datasets as a distinct sub angular dark reflector with a slight shadow. Associated with a medium, sharp positive monopole in the Mag. data. No anomalous features were identified in the MBES or MBBS data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70739	Linear debris	294759	5987334	A2_h	1431.7	1.5	0.3	56	Identified in the SSS datasets as a distinct linear dark reflector with a shadow and numerous dark reflectors along its length. The feature curves round in a largely south-west to north-east orientation. At its eastern end, the feature appears to bend back on itself towards the south-west for approximately 350 m. Observed in the MBBS dataset as a long linear dark reflector with equally spaced small dark reflectors with shadows. Associated with a medium, sharp positive monopole in the Mag. data. No anomalous features were identified in the MBES data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A
70740	Magnetic	294298	5987376	A2_l	-	-	-	13	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70741	Magnetic	294131	5986864	A2_l	-	-	-	81	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70742	Seabed disturbance	294220	5987436	A2_l	5.1	3.6	-	-	An isolated, irregularly shaped bright reflector with some possible associated dark reflectors around the perimeter. No anomalous features were identified in the SSS, MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70743	Magnetic	293990	5987586	A2_h	-	-	-	176	A large negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70744	Linear debris	293772	5986608	A2_h	185.8	1.2	0.2	-	A series of 11 rounded mounds, each measuring 1.2m across with a height of 0.2 m. They are in a linear arrangement, aligned north-east to south-west and are equally spaced with 22 m between each mound. There is a smaller sub-rounded mound that measures 1 m x 0.8 m x 0.1 m located between the two south-western most mounds of the linear arrangement. May be related to 70750 approximately 125 m north-west. No anomalous features were identified in the MBBS data at this location. This location was not covered by the SSS or Mag. dataset. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A
70745	Magnetic	293896	5986785	A2_l	-	-	-	16	A small symmetric dipole with peak and trough over two profile lines. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70746	Magnetic	293947	5987040	A2_h	-	-	-	124	A large, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70747	Mound	293593	5986350	A2_l	11.6	3.7	0.2	-	Observed in the MBES dataset as an isolated, elongate mound in an area of clear seabed. Identified in the MBBS dataset as an approximately oval, isolated dark reflector. No anomalous features were identified in the SSS or Mag. data at this location. Interpreted as a possible natural feature or possible debris.	-	Block A
70748	Dark reflector	293641	5986641	A2_l	2.6	0.2	0.1	-	A distinct elongate dark reflector with a slight shadow adjacent to linear debris 70750. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70749	Linear debris	293638	5986612	A2_h	12.5	0.1	0.1	-	A distinct linear dark reflector with no discernible shadow adjacent to linear debris (70750). No anomalous features were identified in the MBES, MBBS or Mag. data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A
70750	Linear debris	293702	5986819	A2_h	600.1	1.5	0.1	116	Identified in the SSS datasets as a distinct linear dark reflector with a slight shadow and numerous, regularly spaced dark reflectors along its length. Observed in the MBBS dataset as an isolated triangular dark reflector measuring 2.5 x 1.5 m, forming part of a larger, linear disturbance, although this is less clear in the MBBS data. Associated with large, sharp asymmetric dipole in the Mag. data. No anomalous features were identified in the MBES data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70751	Mound	292852	5986206	A2_l	1.5	0.6	0.7	-	A small, sub-rounded mound located in an area of other boulders. This location was not covered by the SSS, MBBS or Mag. dataset. Interpreted as a possible natural feature or possible debris.	-	Block A
70752	Linear debris	292927	5986478	A2_h	69.9	0.4	0.2	-	A partially distinct curvilinear dark reflector in arcs between several dark reflectors (2.0 x 0.7 x 0.1m). No anomalous features were identified in the MBES, MBBS or Mag. data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A
70753	Linear debris	292854	5986535	A2_h	106.1	0.1	0.1	-	A largely distinct curvilinear reflector connected to at least four sub rounded dark reflectors (measuring approximately 1.8 x 0.8 x 0.5 m). No anomalous features were identified in the MBES, MBBS or Mag. data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A
70754	Magnetic	292794	5986572	A2_l	-	-	-	31	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70755	Mound	292561	5986055	A2_l	2.6	1.1	0.7	-	A slightly curved, sub-rounded mound. No anomalous features were identified in the MBBS data at this location. This location was not covered by the SSS or Mag. dataset. Interpreted as a possible natural feature or possible debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70756	Dark reflector	292656	5986376	A2_l	3.1	3.0	-	-	An isolated , rounded dark reflector with a surrounding faint bright reflector which may indicate scour or sediment disturbance. No anomalous features were identified in the SSS, MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70757	Linear debris	292625	5986377	A2_h	108.3	0.2	0.1	-	A distinct curvilinear dark reflector connected by arcs to four dark reflectors. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A
70758	Linear debris	292727	5986518	A2_h	18.0	0.1	0.1	-	A curvilinear dark reflector with a slight shadow. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A
70759	Magnetic	292530	5986895	A2_l	-	-	-	54	A medium, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70760	Mound	292338	5985568	A2_l	3.0	1.4	0.6	-	A distinct sub-rounded mound, located in a boulder field. This location was not covered by the SSS or Mag. dataset. No anomalous features were identified in the MBBS data at this location. Interpreted as a possible natural feature or possible debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70761	Bright reflector	292467	5986096	A2_l	1.5	0.9	-	-	An isolated, bright reflector. Appears to be a single linear bright reflector approximately 1.5 m long, with three reflectors extending south 0.5 m. No anomalous features were identified in the MBES data at this location. This location was not covered by the SSS or Mag. dataset. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70762	Magnetic	292441	5986284	A2_l	-	-	-	25	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70763	Magnetic	292396	5986388	A2_l	-	-	-	42	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70764	Linear debris	292490	5986530	A2_h	87.3	0.2	0.1	-	A distinct curvilinear dark reflector with a slight shadow. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A
70765	Linear debris	292198	5986008	A2_h	17.3	0.9	0.1	-	A curvilinear mound, aligned north-west to south-east. It is surrounded with scour and is located in clear seabed, surrounded by some small boulders. This location was not covered by the SSS or Mag. dataset. No anomalous features were identified in the MBBS data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70766	Debris field	292100	5986070	A2_h	22.8	9.1	0.4	-	Observed in the MBES dataset as a seabed disturbance, consisting of a series of irregular mounds. There are four rounded mounds that measure on average 2.8 x 2.1 x 0.2 m, with a shallow scour visible generally visible. There is a very shallow elongate mound running between the two of the mounds on a south-west to north-east alignment, that measures 9.0 x 0.8 x 0.1 m. Identified in the MBBS dataset as an isolated, triangular dark reflector on the south-eastern edge of a very large bright reflector. This location was not covered by the SSS or Mag. dataset. Interpreted as debris.	-	Block A
70767	Magnetic	292089	5986174	A2_l	-	-	-	25	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70768	Magnetic	292116	5986186	A2_l	-	-	-	33	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70769	Linear debris	292152	5986237	A2_h	33.4	0.1	0.1	-	A distinct curvilinear dark reflector with a slight shadow. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A
70770	Magnetic	292110	5986241	A2_l	-	-	-	48	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70771	Magnetic	292167	5986985	A2_I	-	-	-	14	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70772	Magnetic	292226	5987006	A2_I	-	-	-	11	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70773	Magnetic	292251	5987053	A2_I	-	-	-	19	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70774	Wreck	292143	5987147	A1	12.5	2.5	0.4	904	Identified in the SSS dataset as numerous distinct dark reflectors, including a rounded dark reflector with a prominent peaked shadow (1.7 x 0.8 x 0.3 m) and other more angular dark reflectors, orientated WSW to ENE. Observed in the MBBS dataset as an isolated, sub-rounded dark reflector. Associated with a very large asymmetric dipole with peak and trough on one profile line in the Mag. data. No anomalous features were identified in the MBES data at this location. Corresponds with the location of a UKHO 97497, an unknown wreck. First surveyed in 2020 and reported as being heavily degraded with part of the bow and boiler visible. It measured 11.9 x 3.3 x 1.0 m and was in a general water depth of 10 m.	97497 (UKHO)	Block A
70775	Magnetic	292185	5987216	A2_I	-	-	-	13	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70776	Mound	291858	5986003	A2_l	0.9	0.9	0.3	-	An isolated, rounded mound surrounded by shallow scour. This location was not covered by the SSS or Mag. dataset. No anomalous features were identified in the MBBS data at this location. Interpreted as a possible natural feature or possible debris.	-	Block A
70777	Magnetic	291771	5986335	A2_l	-	-	-	31	A small, sharp symmetric dipole with peak and trough over two profile lines. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70778	Linear debris	291811	5986455	A2_h	51.9	0.2	-0.1	-	A distinct linear dark reflector with a slight scour. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A
70779	Dark reflector	291947	5986601	A2_l	3.7	2.2	0.4	-	Identified in the SSS dataset as a distinct sub-angular dark reflector with a slight shadow. Observed in the MBBS dataset as a isolated, sub-rounded dark reflector. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70780	Magnetic	291882	5986675	A2_h	-	-	-	300	A large negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70781	Magnetic	291781	5986641	A2_l	-	-	-	14	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70782	Magnetic	291853	5986991	A2_I	-	-	-	17	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70783	Magnetic	291570	5987251	A2_I	-	-	-	16	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70784	Dark reflector	291606	5987258	A2_I	1.5	0.9	0.1	-	An indistinct, angular dark reflector or collection of dark reflectors with a slight shadow and possible scour. Identified in an area with no other notable features in the proximity. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70785	Mound	291502	5985296	A2_I	3.7	1.4	0.3	-	A curvilinear mound, that curves from south-west to north-east. This location was not covered by the SSS or Mag. dataset. No anomalous features were identified in the MBBS data at this location. Interpreted as a possible natural feature or possible debris.	-	Block A
70786	Mound	291357	5985715	A2_I	12.3	2.9	0.3	-	An isolated, elongate mound aligned north-west to south-east. This location was not covered by the SSS or Mag. dataset. No anomalous features were identified in the MBBS data at this location. Interpreted as a possible natural feature or possible debris.	-	Block A
70787	Magnetic	291374	5986086	A2_I	-	-	-	34	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70788	Magnetic	291376	5986400	A2_h	-	-	-	282	A large, sharp positive monopole with peak and trough over two profile lines. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70789	Debris	291439	5986470	A2_h	3.5	0.3	0.1	-	A distinct, elongate, angular dark reflector with a slight shadow and possible associated scour. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as debris.	-	Block A
70790	Magnetic	291345	5986524	A2_l	-	-	-	45	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70791	Magnetic	291423	5986601	A2_l	-	-	-	17	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70792	Magnetic	291393	5986950	A2_l	-	-	-	39	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70793	Linear debris	291380	5987356	A2_h	100.0	2.2	0.1	-	Identified in the SSS dataset as a distinct linear dark reflector with a slight shadow and possibly 3 or 4 dark reflectors (measuring 1.6 x 1.0 x 0.2 m) along the length of the linear. Observed in the MBBS dataset as a seabed disturbance made up of a linear arrangement of a four dark reflectors, on a north-west to south-east alignment. Three reflectors are rounded and measure 1.8 m across. The north-westernmost reflector is noticeably larger than the other three and is subrounded, measuring 3.1 x 2.0 m. No anomalous features were identified in the MBES or Mag. data at this location. This is interpreted as a possibly modern feature such as fishing gear and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation, the feature has been retained as a precaution.	-	Block A
70794	Debris	291051	5985379	A2_h	2.7	1.6	0.6	65	Identified in the SSS dataset as a distinct sub rounded dark reflector with a shadow in an area of sandy seabed adjacent to sand ripples. Observed in the MBBS dataset as an isolated, rounded dark reflector. Associated with a medium, sharp asymmetric dipole with peak and trough on one profile line in the Mag. data. No anomalous features were identified in the MBES data at this location. Interpreted as ferrous debris.	-	Block A
70795	Magnetic	291156	5985604	A2_l	-	-	-	40	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70796	Dark reflector	291085	5985936	A2_I	2.1	0.7	0.3	-	A distinct, slightly elongate dark reflector with an irregular shadow in an area of seabed with no other notable features present. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70797	Dark reflector	291265	5986114	A2_I	1.8	1.7	-	-	An isolated, slightly rounded dark reflector. No anomalous features were identified in the SSS, MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70798	Magnetic	291224	5986125	A2_I	-	-	-	51	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70799	Dark reflector	291142	5987352	A2_I	4.3	2.2	-	-	A sub-rounded dark reflector. No anomalous features were identified in the SSS, MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70800	Magnetic	290969	5985296	A2_I	-	-	-	16	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70801	Magnetic	290948	5985299	A2_I	-	-	-	28	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70802	Magnetic	290942	5985290	A2_I	-	-	-	29	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70803	Debris field	290882	5985465	A2_h	3.3	2.3	0.1	-	Two, possibly three, closely-spaced elongate dark reflectors. Identified close to an area of numerous rocks. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as debris.	-	Block A
70804	Linear debris	290816	5985484	A2_h	6.0	0.2	0.1	-	A distinct curvilinear dark reflector with a slight shadow. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A
70805	Magnetic	290852	5985702	A2_l	-	-	-	47	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70806	Dark reflector	290886	5985984	A2_l	4.2	3.6	0.2	-	A faint, indistinct dark reflector with height. It is located approximately 9 m south of 70807 and may be related. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70807	Dark reflector	290887	5985993	A2_l	11.6	0.1	0.1	-	A distinct linear dark reflector with a slight shadow adjacent to sand ripples and some rocks. It is located approximately 9 m north of 70806 and may be related. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70808	Linear debris	290963	5986006	A2_h	44.9	0.3	0.1	-	A distinct linear dark reflector with a slight shadow. Appears to bend at a slight angle at its centre. It is on an approximate WSW to ENE alignment. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Possible linear debris, potentially a length of rope or chain.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70809	Dark reflector	290923	5986677	A2_I	4.5	1.8	-	-	A pair of sub-rounded dark reflectors, one measuring 2.6 x 1.8 m, the other measuring 1.7 x 1.2 m. In an area of large, natural seabed disturbances. No anomalous features were identified in the SSS, MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70810	Mound	290518	5985311	A2_I	4.6	2.6	0.2	-	An irregular mound with multiple peaks. No nearby natural seabed features. This location was not covered by the SSS or Mag. dataset. No anomalous features were identified in the MBBS data at this location. Interpreted as a possible natural feature or possible debris.	-	Block A
70811	Dark reflector	290621	5985673	A2_I	1.0	1.0	0.3	-	A distinct angular dark reflector with a bright shadow, in a depression. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible debris.	DBS_ECR_A_SSS_0088 (Fugro)	Block A
70812	Magnetic	290580	5985661	A2_I	-	-	-	34	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70813	Magnetic	290753	5986178	A2_I	-	-	-	29	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70814	Magnetic	290709	5985991	A2_I	-	-	-	24	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70815	Magnetic	290647	5986026	A2_l	-	-	-	10	A small, broad asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70816	Magnetic	290587	5985992	A2_l	-	-	-	47	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70817	Magnetic	290528	5986027	A2_h	-	-	-	467	A large negative monopole with peak and trough on one profile line. Numerous smaller signals in the vicinity. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70818	Magnetic	290565	5986340	A2_l	-	-	-	40	A small, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70819	Magnetic	290542	5986371	A2_l	-	-	-	37	A small asymmetric dipole with peak and trough over two profile lines. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70820	Magnetic	290755	5986602	A2_l	-	-	-	20	A small asymmetric dipole with peak and trough over two profile lines. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70821	Magnetic	290623	5986545	A2_I	-	-	-	40	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70822	Magnetic	290528	5986659	A2_I	-	-	-	35	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70823	Magnetic	290580	5986882	A2_I	-	-	-	32	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70824	Magnetic	290664	5987064	A2_I	-	-	-	34	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70825	Dark reflector	290647	5987209	A2_I	1.6	1.0	0.3	-	A distinct sub-angular dark reflector with a slight, pointed shadow. It possibly consists of two dark reflectors. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A
70826	Dark reflector	290419	5985953	A2_I	1.0	0.6	0.2	-	An indistinct, sub-angular dark reflector with a slight shadow. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. Interpreted as a possible natural feature or may be possible debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70827	Magnetic	290505	5985989	A2_I	-	-	-	10	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70828	Magnetic	290498	5986014	A2_I	-	-	-	12	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70829	Magnetic	290432	5986205	A2_I	-	-	-	39	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70830	Seabed disturbance	290492	5986349	A2_I	4.5	3.5	-	-	Identified in the SSS dataset as a very indistinct dark reflector, or multiple very small dark reflectors close together with no clear shadow, situated in a distinct depression measuring 3.5 x 3.3 m. Observed in the MBBS dataset as seabed disturbance made up of an irregular bright reflector measuring approximately 1.6 m across, surrounded by three irregular dark reflectors, each measuring approximately 2.2 m across. Located approximately 5 m east of 70831 and may be related. No anomalous features were identified in the MBES or Mag. data at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70831	Seabed disturbance	290487	5986348	A2_I	1.3	1.0	-	-	An irregular dark reflector or multiple dark reflectors directly next to one another, in a depression measuring 3.0 x 2.2 m. Located approximately 5 m west of 70830 and may be related. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris " at this location. Interpreted as a possible natural feature or may be possible partially buried debris.	DBS_ECR_A_SSS_0041 (Fugro)	Block A
70832	Magnetic	290504	5986620	A2_I	-	-	-	45	A small, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70833	Magnetic	290422	5986525	A2_I	-	-	-	68	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70834	Magnetic	290409	5986667	A2_I	-	-	-	91	A medium, sharp asymmetric dipole with peak and trough on one profile line. Several signals in proximity. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70835	Magnetic	290405	5986683	A2_I	-	-	-	40	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70836	Magnetic	290394	5986690	A2_I	-	-	-	40	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70837	Magnetic	290369	5986591	A2_I	-	-	-	52	A medium, sharp symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70838	Magnetic	290352	5986594	A2_I	-	-	-	39	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70839	Magnetic	290375	5986758	A2_I	-	-	-	85	A medium, sharp asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70840	Magnetic	290351	5986768	A2_I	-	-	-	31	A small negative monopole on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70841	Magnetic	290407	5987010	A2_I	-	-	-	21	A small positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A

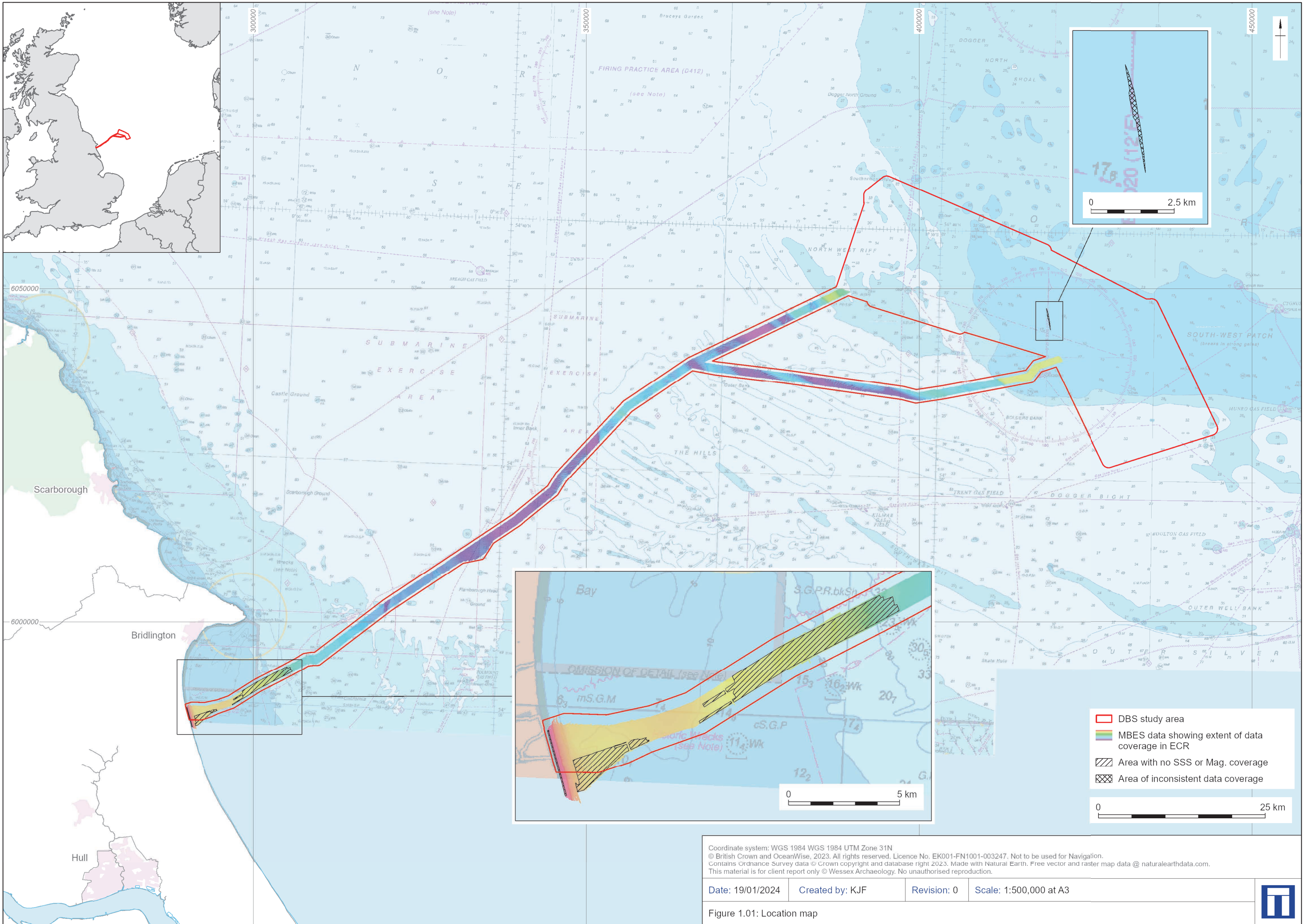


ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70842	Dark reflector	290414	5987105	A2_I	1.5	1.1	0.1	-	A distinct rounded dark reflector with a slight shadow with no other notable features in the vicinity. Feature has a bright reflector in its centre, possibly indicating a hollow centre. No anomalous features were identified in the MBES, MBBS or Mag. data at this location. The anomaly was recorded by Fugro as "Suspected Debris" at this location. Interpreted as a possible natural feature or may be possible debris.	DBS_ECR_A_SSS_0019 (Fugro)	Block A
70843	Magnetic	290232	5987287	A2_I	-	-	-	17	A small negative monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70844	Mound	290162	5986623	A2_I	1.0	0.8	0.2	-	An L-shaped mound. This location was not covered by the SSS or Mag. dataset. No anomalous features were identified in the MBBS data at this location. Interpreted as a possible natural feature or possible debris.	-	Block A
70845	Magnetic	290253	5986963	A2_I	-	-	-	13	A small symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70846	Magnetic	290237	5987015	A2_I	-	-	-	74	A medium, sharp positive monopole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70847	Magnetic	290234	5987028	A2_I	-	-	-	36	A small asymmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A



ID	Classification	Easting	Northing	Archaeological discrimination	Length (m)	Width (m)	Height (m)	Magnetic amplitude (nT)	Description	External references	Area
70848	Magnetic	290222	5987008	A2_l	-	-	-	6	A small, broad symmetric dipole with peak and trough on one profile line. No anomalous features were identified in the SSS, MBES or MBBS data at this location. Interpreted as possible ferrous debris either buried or with no surface expression.	-	Block A
70849	Linear debris	290076	5987129	A2_h	110.4	1.3	0.8	-	Identified in the SSS dataset as a distinct series of 10 dark reflectors (largest is 0.9 x 0.4 x 0.8m), 4 connected by a linear dark reflector with shadow. Observed in the MBES dataset as a seabed disturbance, made up of 14 rounded mounds in a linear arrangement, aligned ENE to WSW. Each mound measures between 0.5 to 1.3 m across. Each rounded mound is joined by a thin linear mound on the same alignment. The anomaly was recorded by Fugro as a series of "Unidentified target" at this location. This is interpreted as a possibly modern feature such as a groyne and therefore may not be of archaeological interest. However, as this cannot be confirmed without further investigation and there is no record of it on the admiralty chart, the feature has been retained as a precaution.	DBS_ECR_A_SSS_0001 to DBS_ECR_A_SSS_0010 (Fugro)	Block A

1. Co-ordinates are in WGS84 UTM31N
2. Positional accuracy estimated ± 10 m

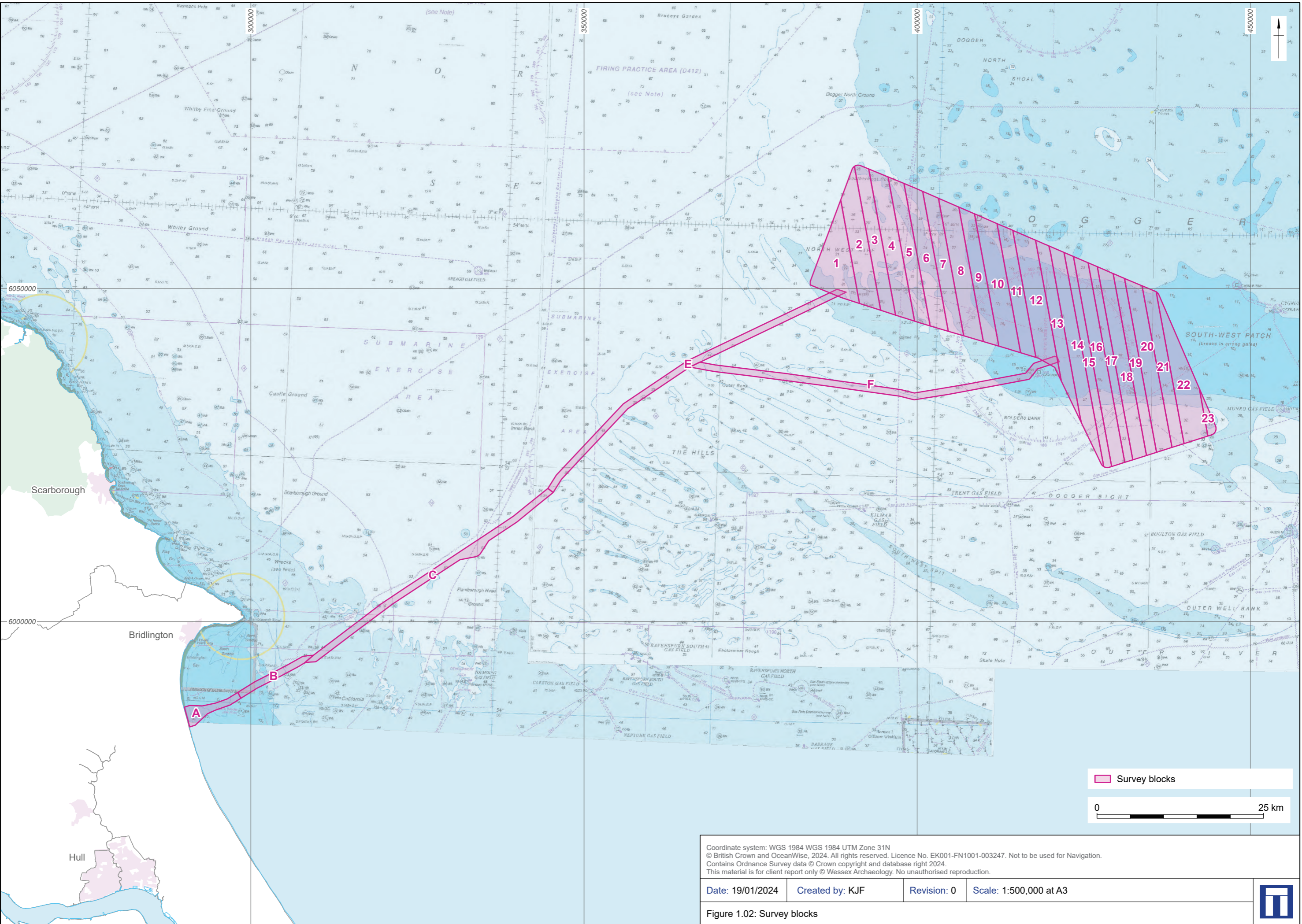


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Figure 1.01: Location map



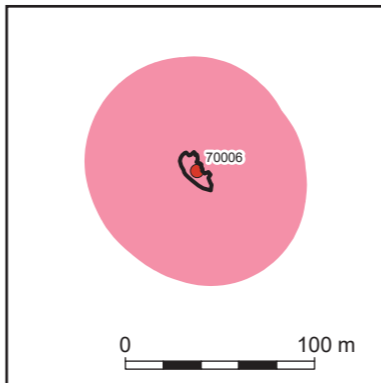
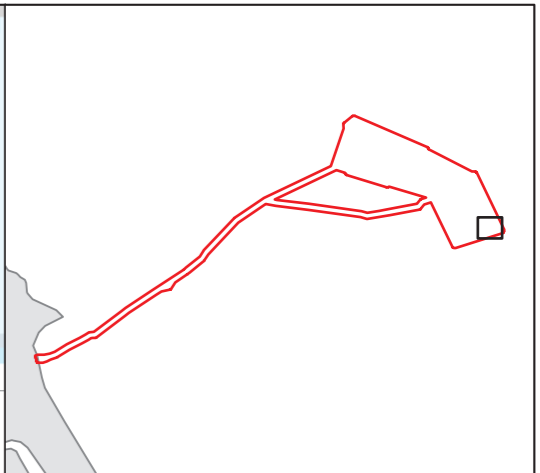
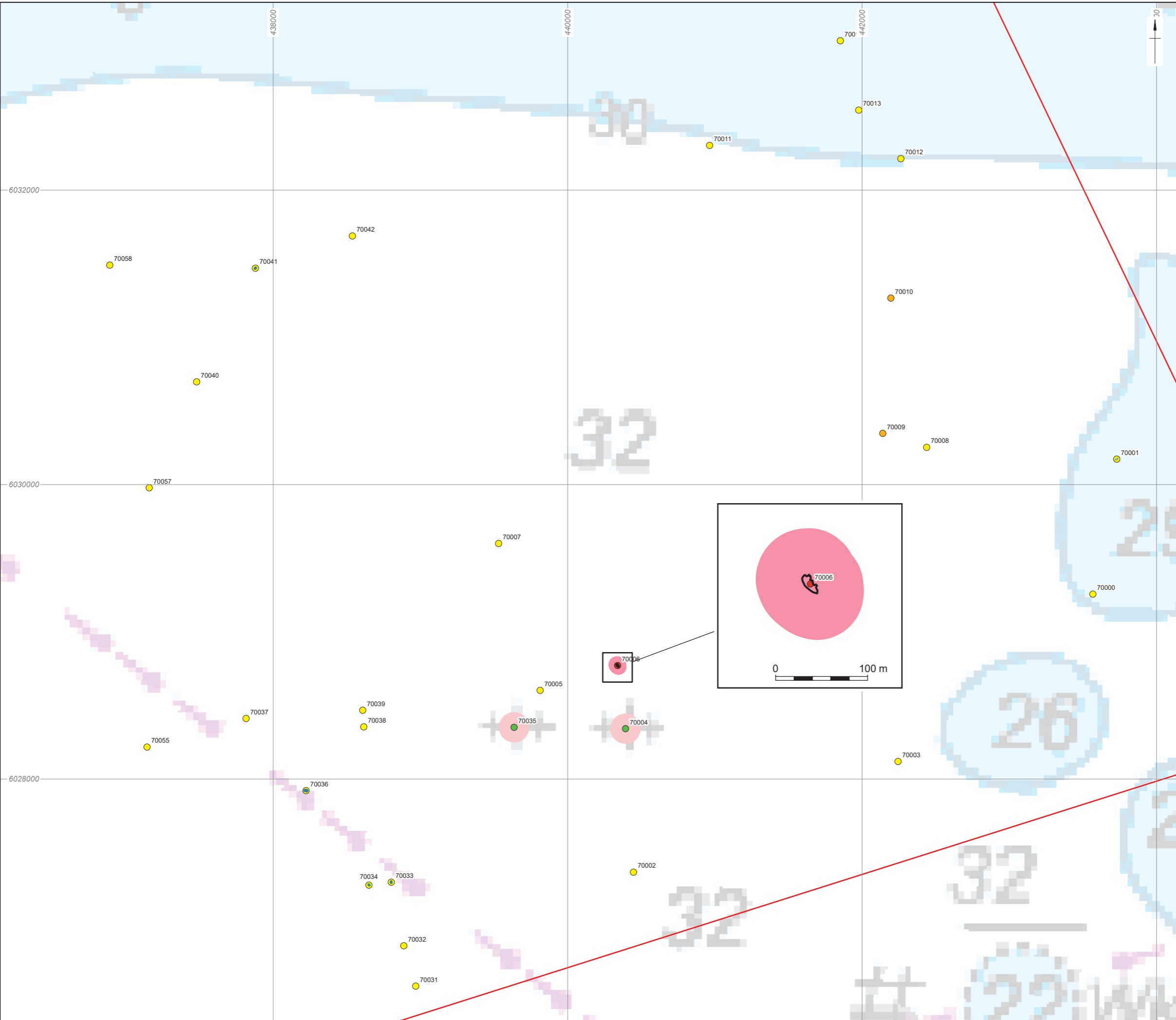


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Figure 1.02: Survey blocks





- DBS study area
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- Wreck
- Seabed disturbance
- Dark reflector
- Bright reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m
- 50 m

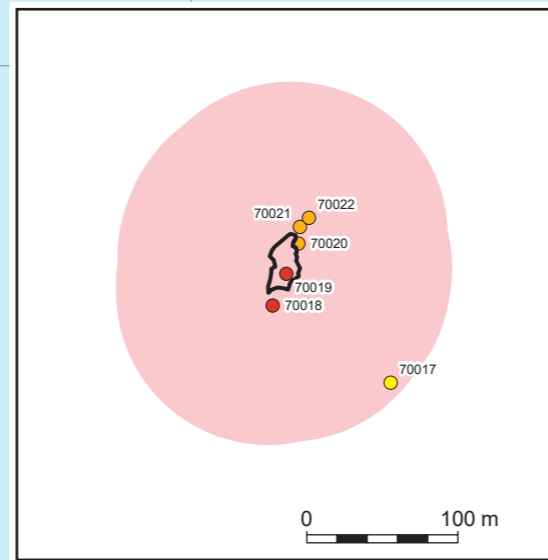
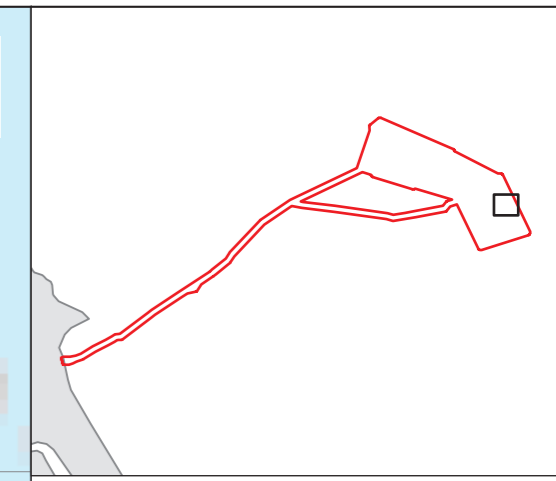
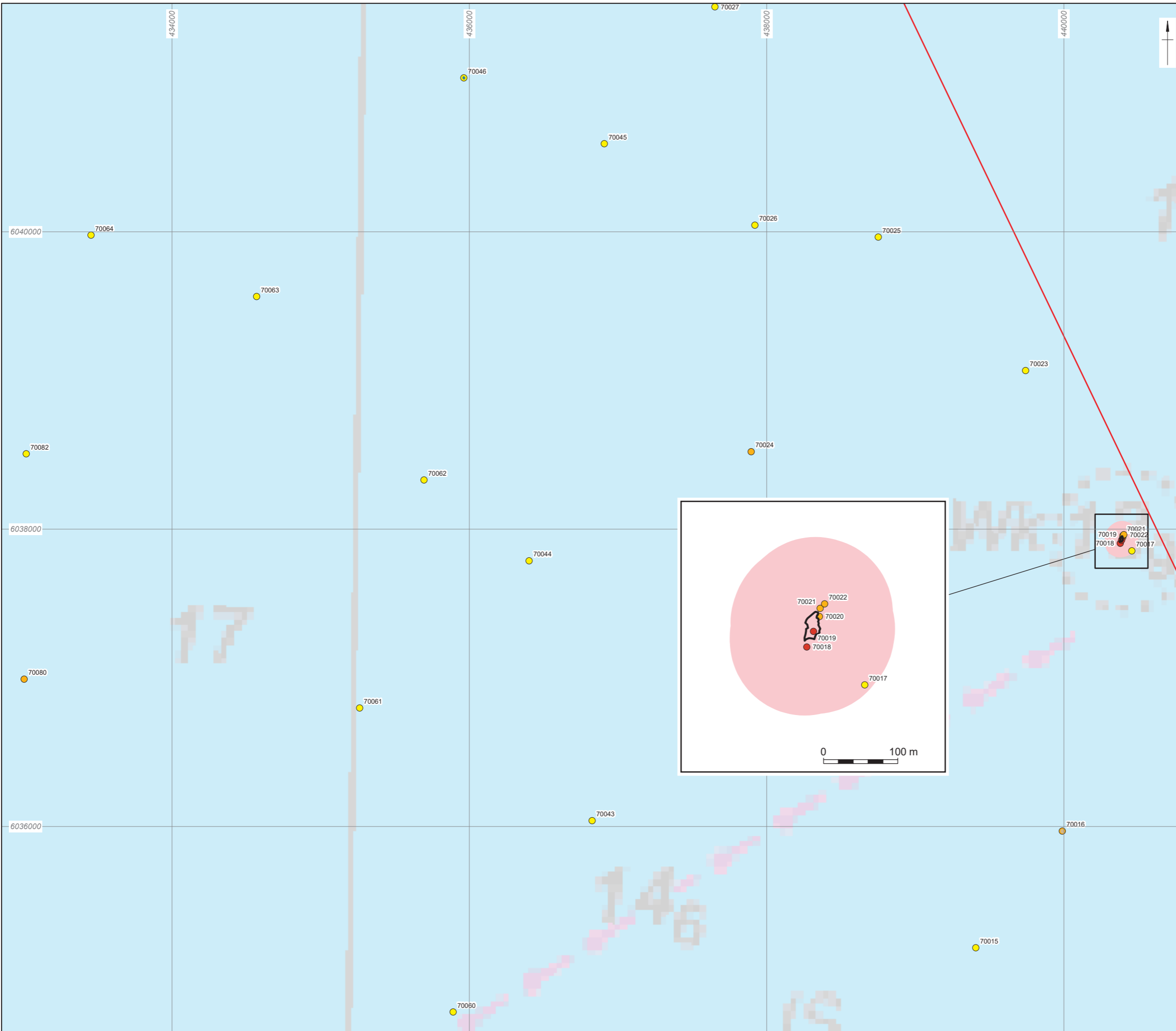


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Figure 2.01: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Wreck
- Debris field
- Seabed disturbance
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m

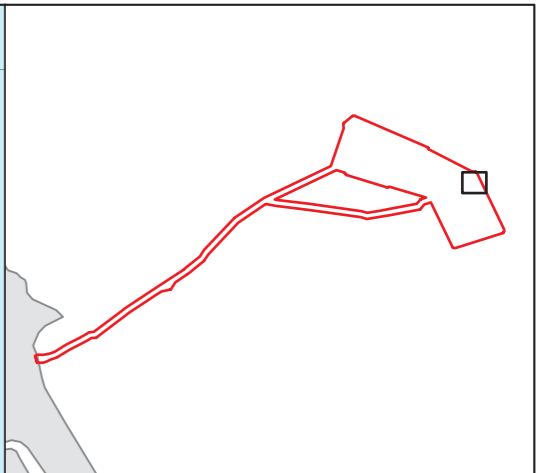
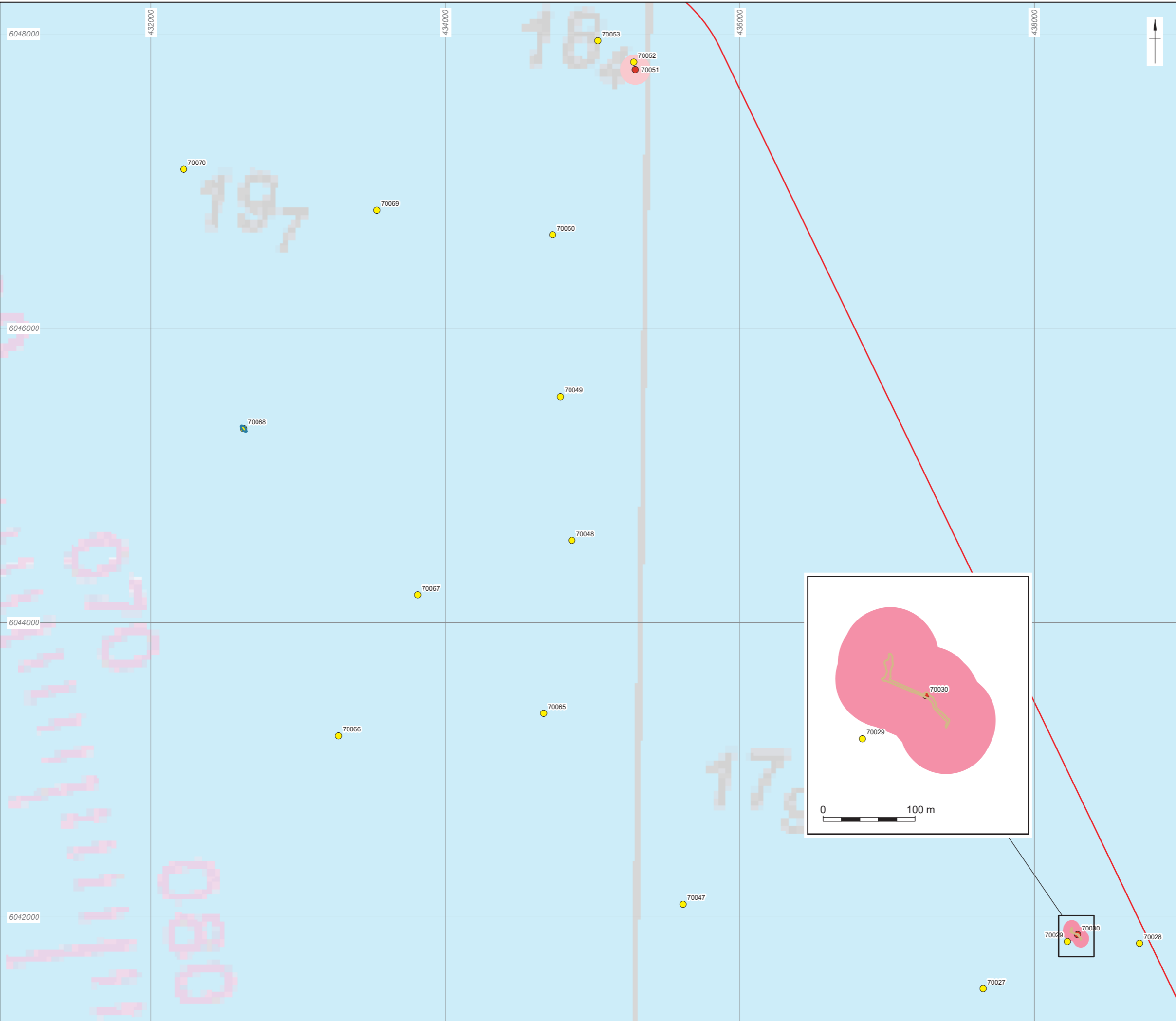


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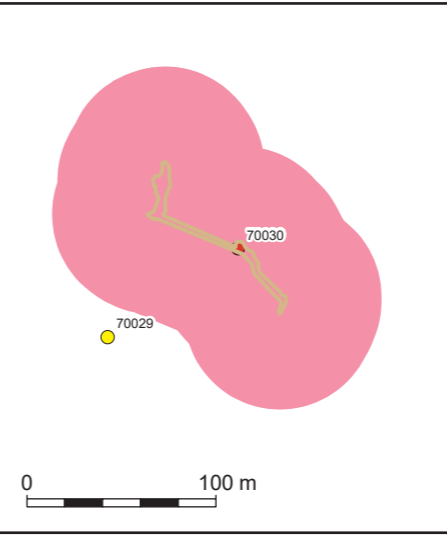
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Figure 2.02: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_I – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Debris field
- Seabed disturbance
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m
- 50 m



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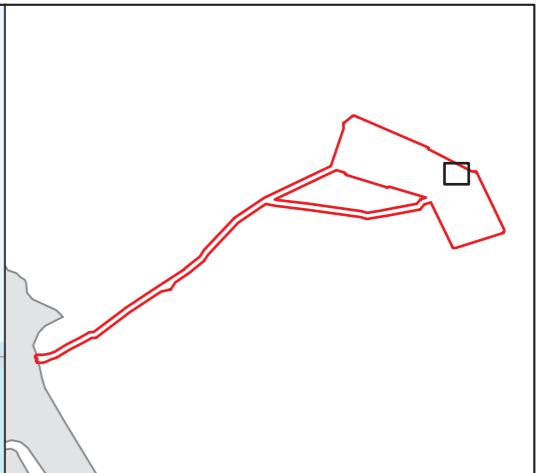
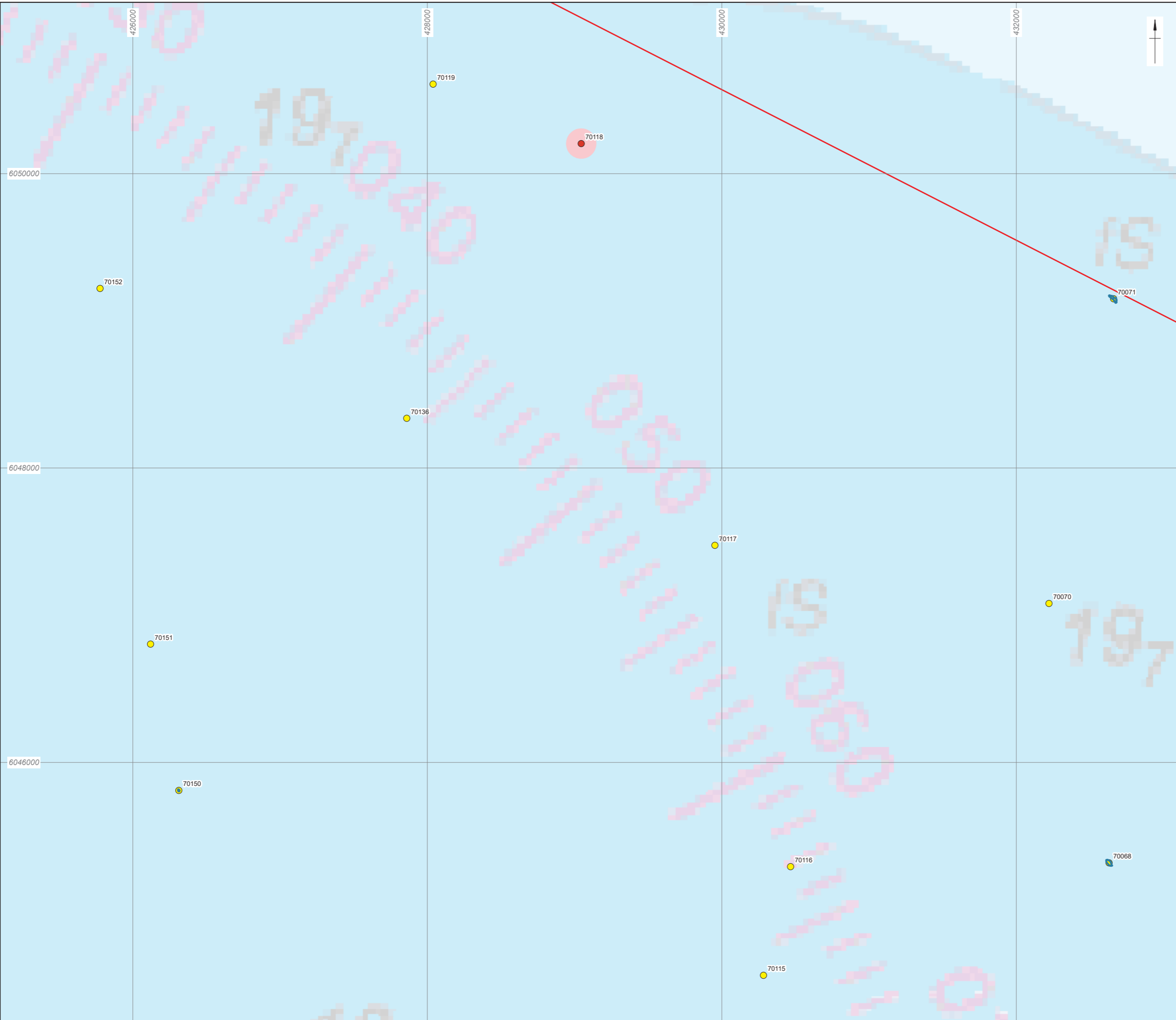
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Figure 2.03: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_I – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Seabed disturbance
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m

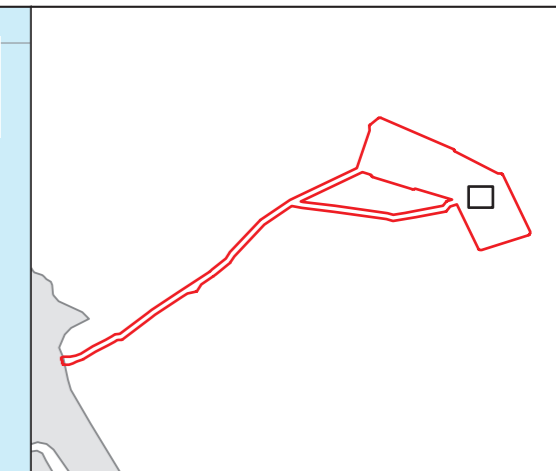
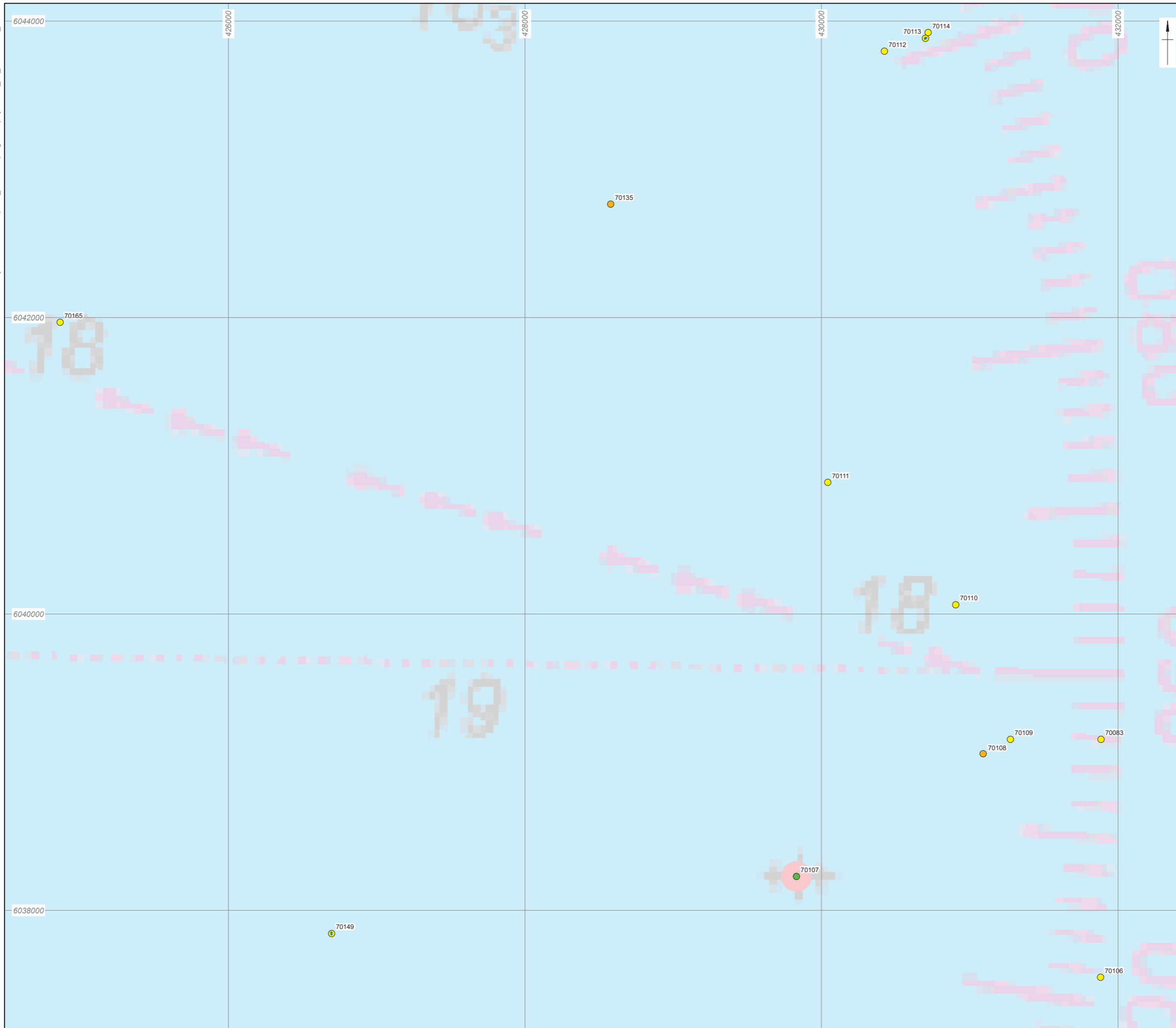


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Figure 2.04: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_I – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- Seabed disturbance
- Seabed feature boundaries
- Dark reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m

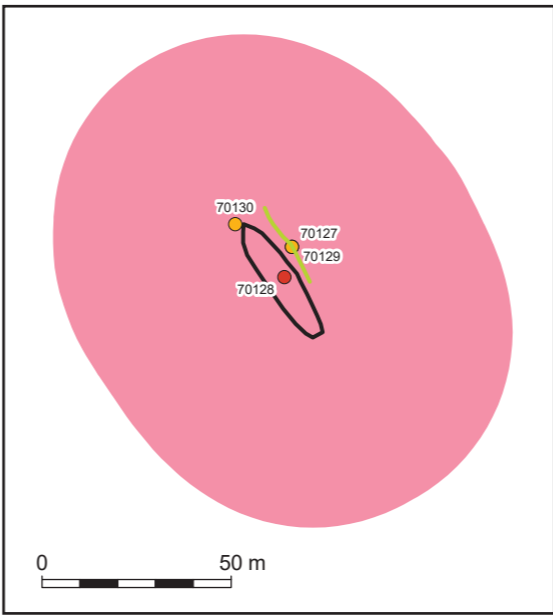
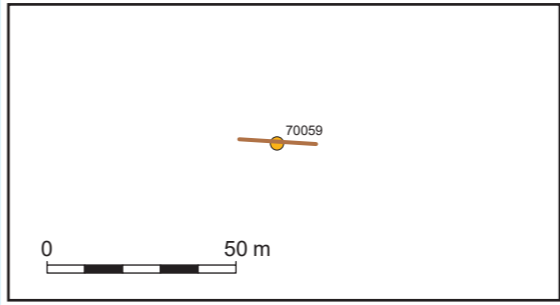
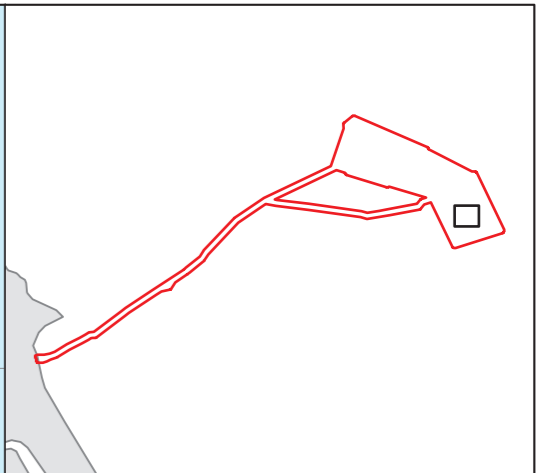
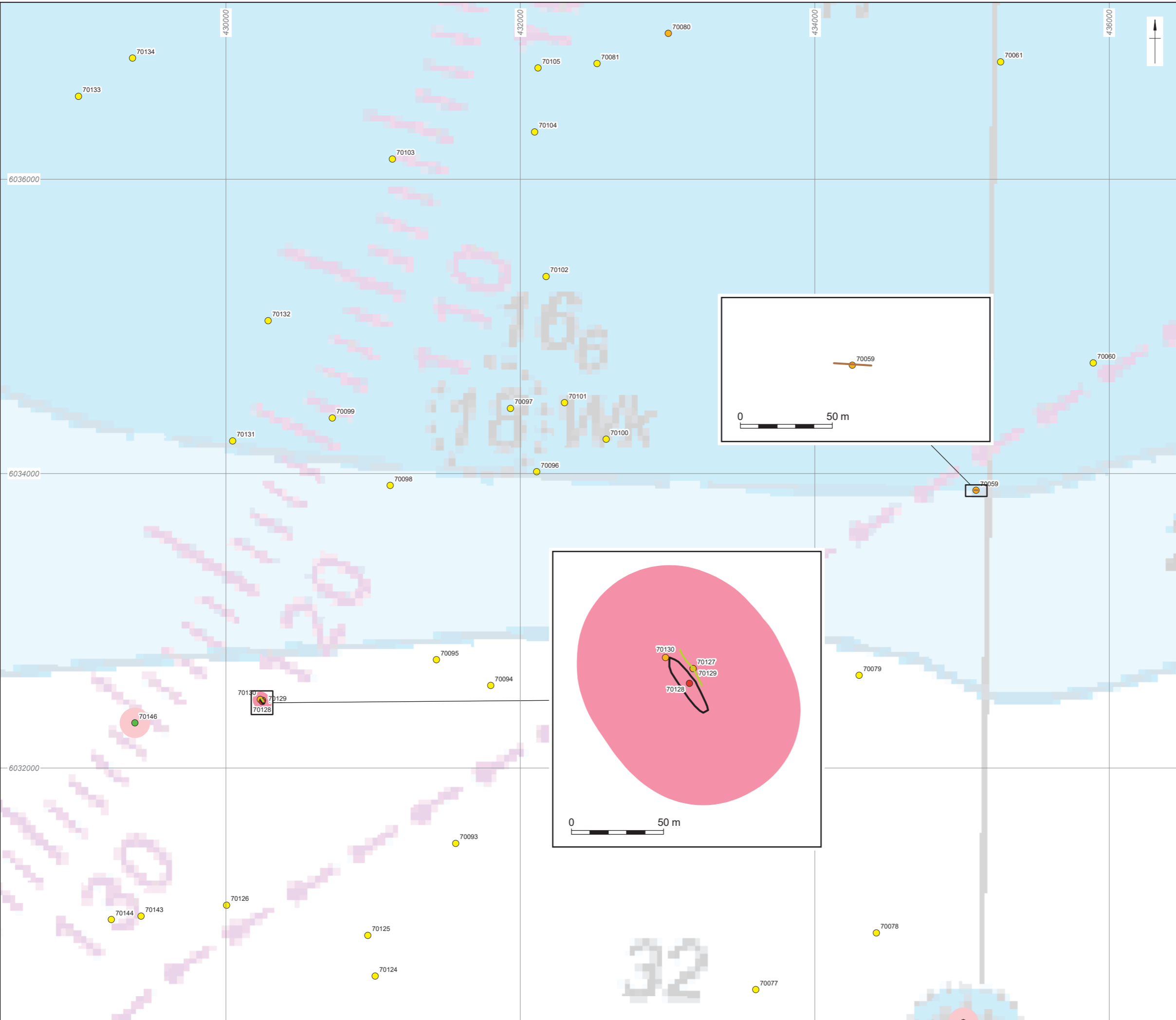


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Figure 2.05: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_h - Anomaly of likely anthropogenic origin but of unknown date
- A2_l - Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 - Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- Wreck
- Seabed feature boundaries**
- Debris
- Linear debris
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m
- 50 m

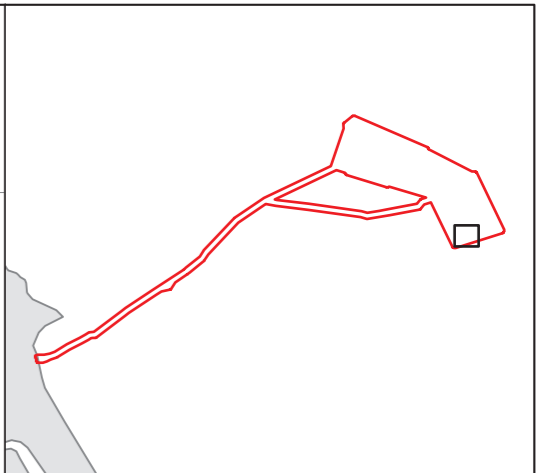
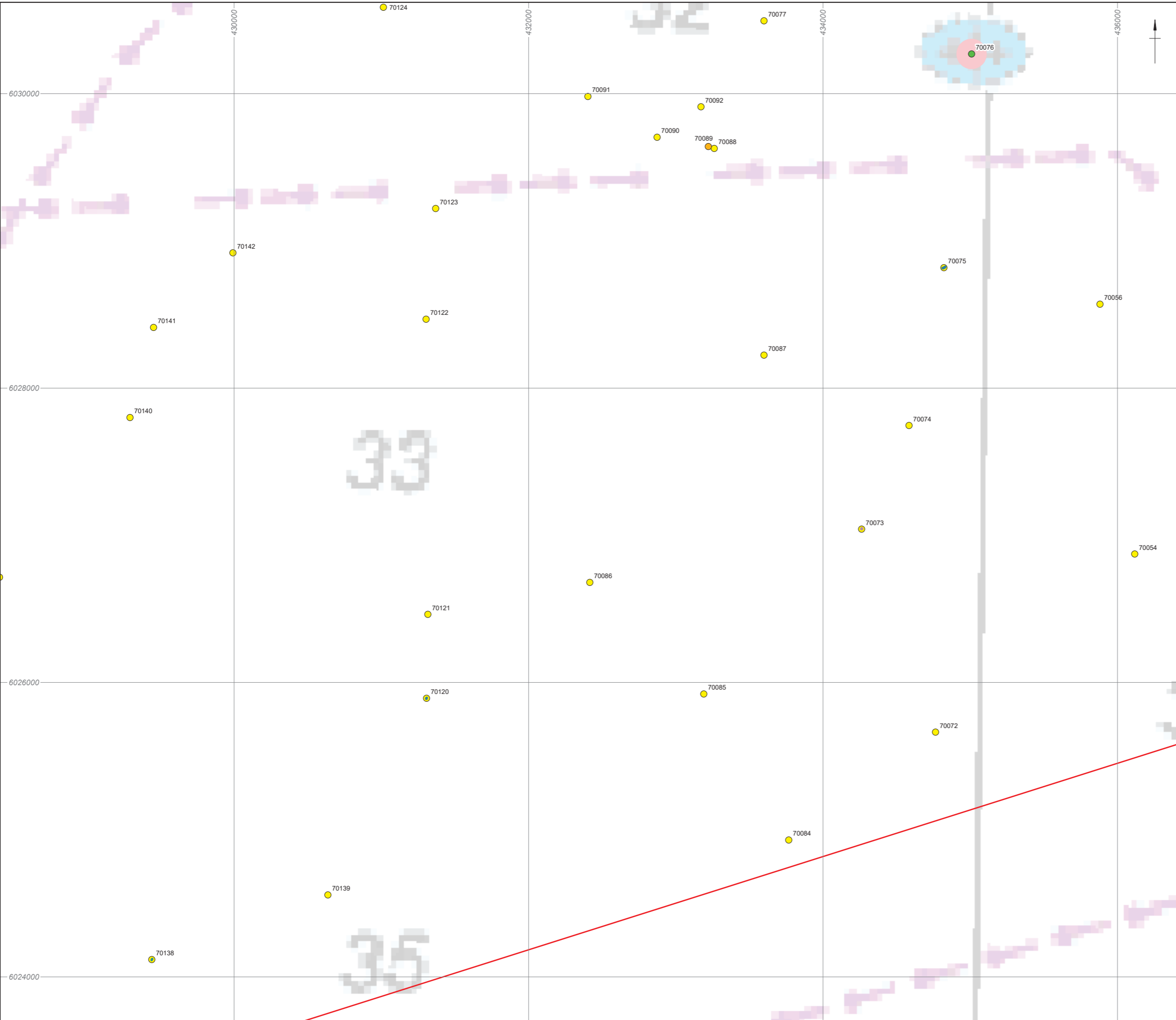


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Figure 2.06: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- Mound
- Seabed disturbance
- Dark reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m

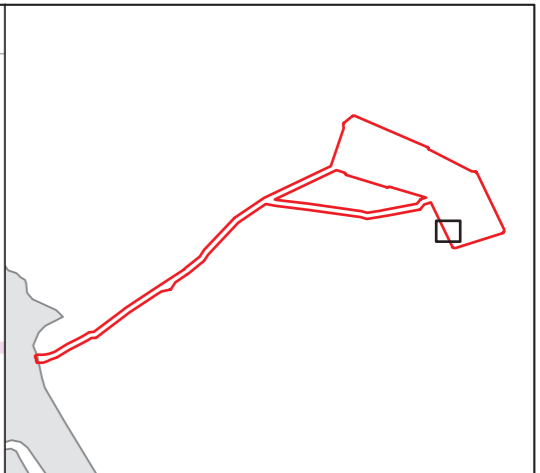
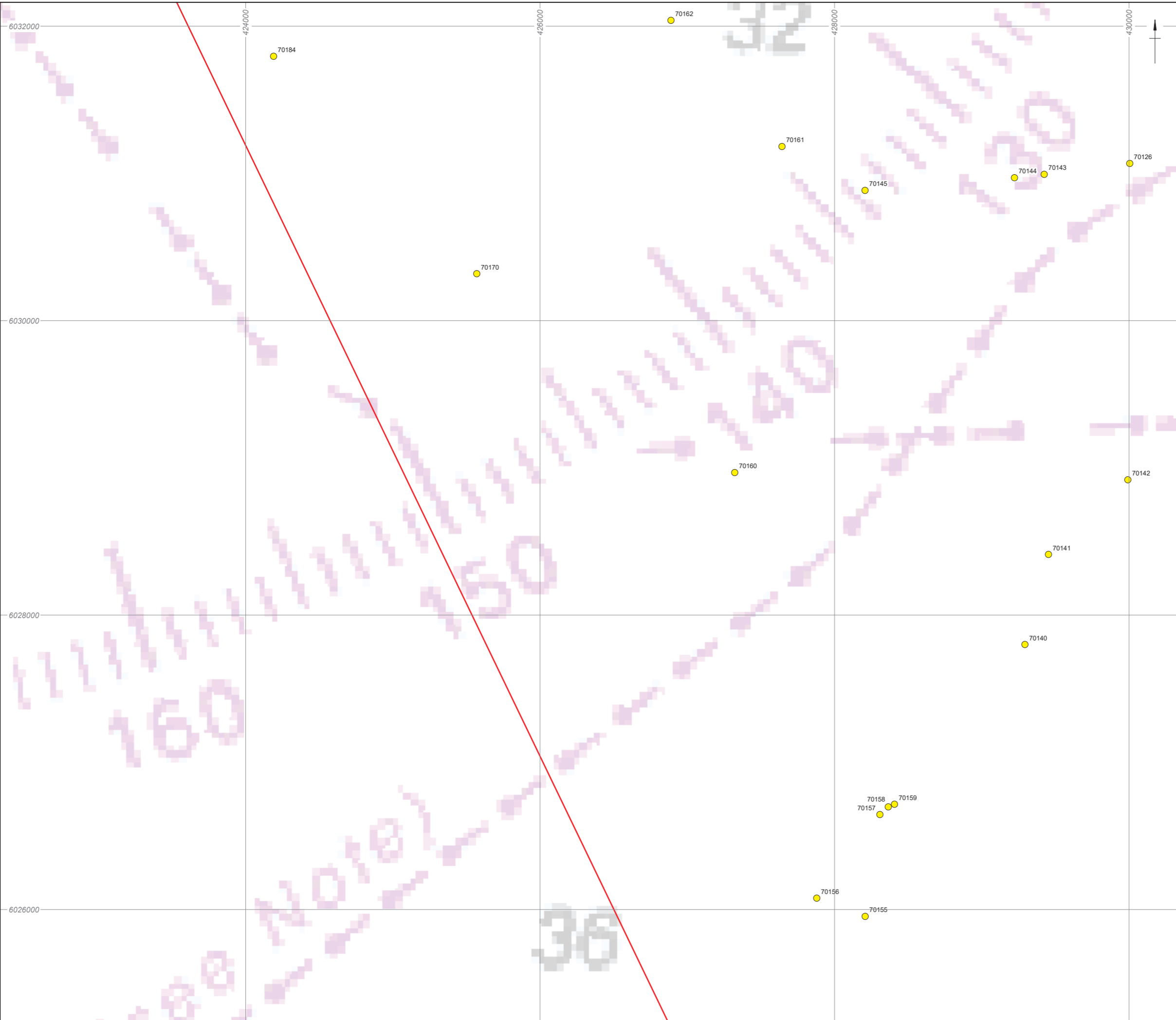


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Figure 2.07: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A2_I – Anomaly of possible anthropogenic origin but the interpretation is uncertain



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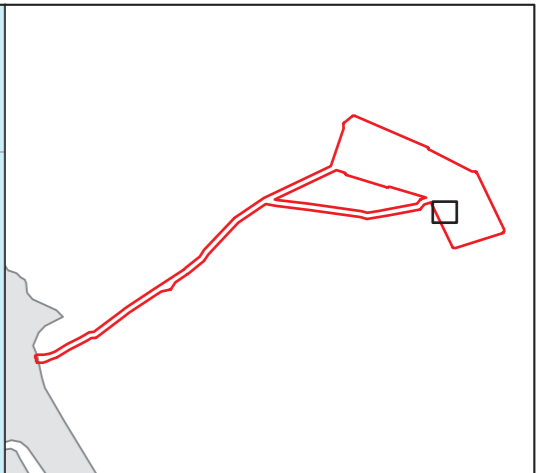
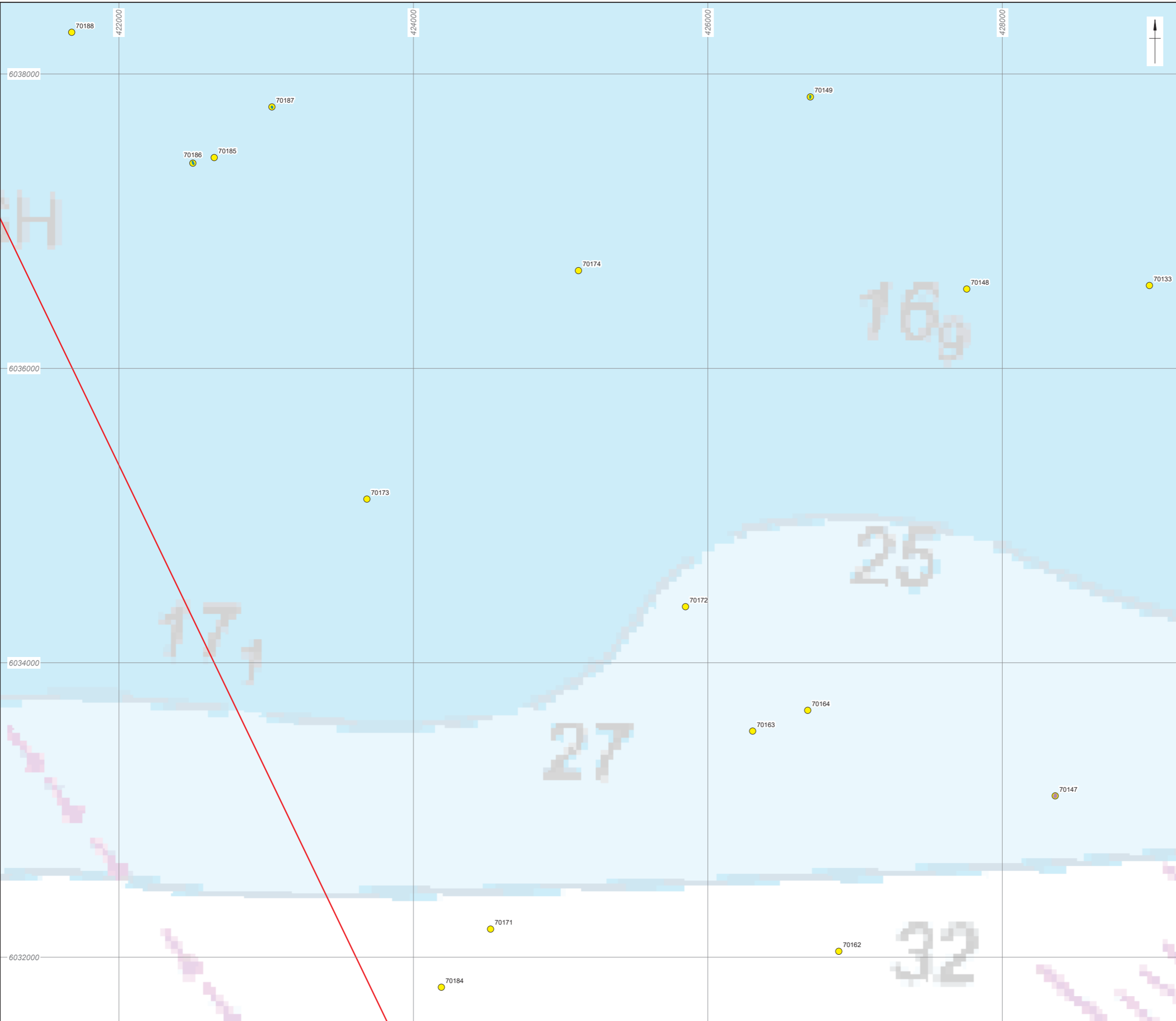
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Figure 2.08: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- Anomalies of archaeological potential**
- A2_I – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- ▭ Mound
- Seabed feature boundaries**
- Dark reflector

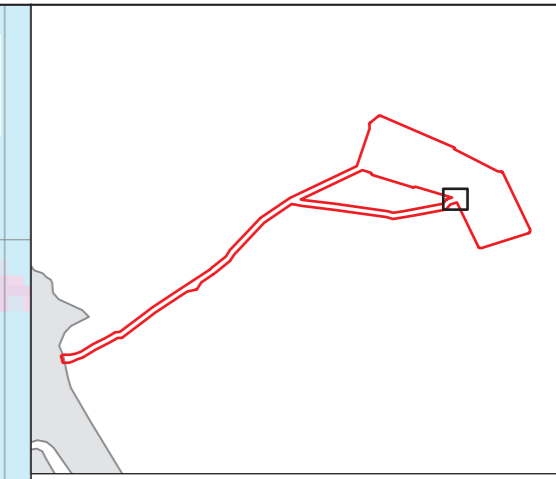
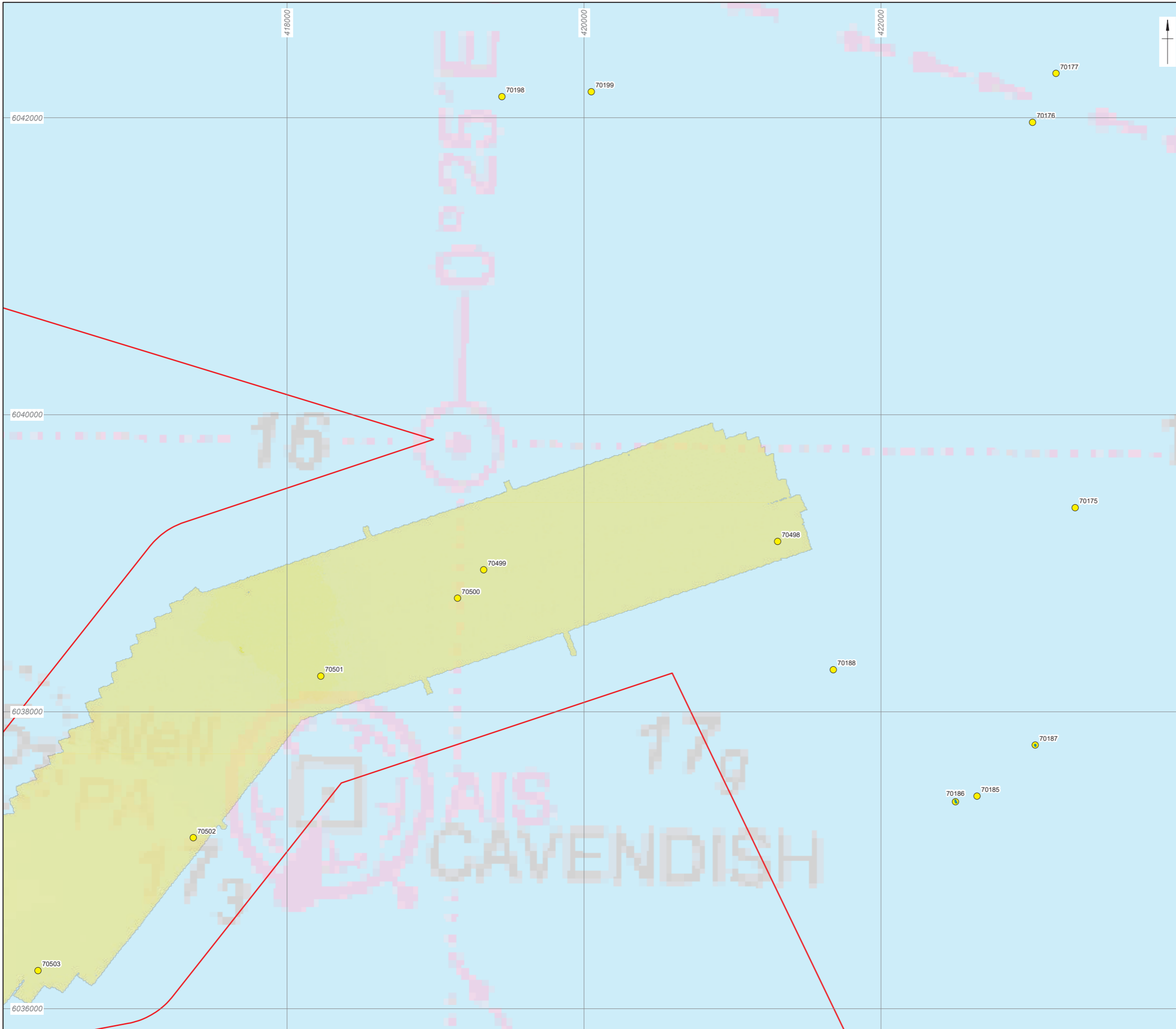


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Figure 2.09: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
- A2_1 – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Dark reflector

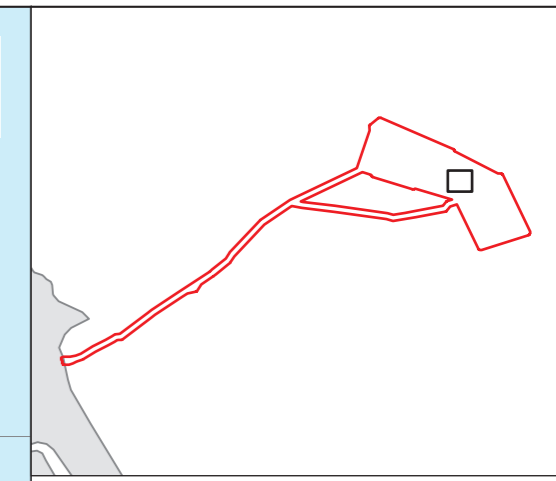
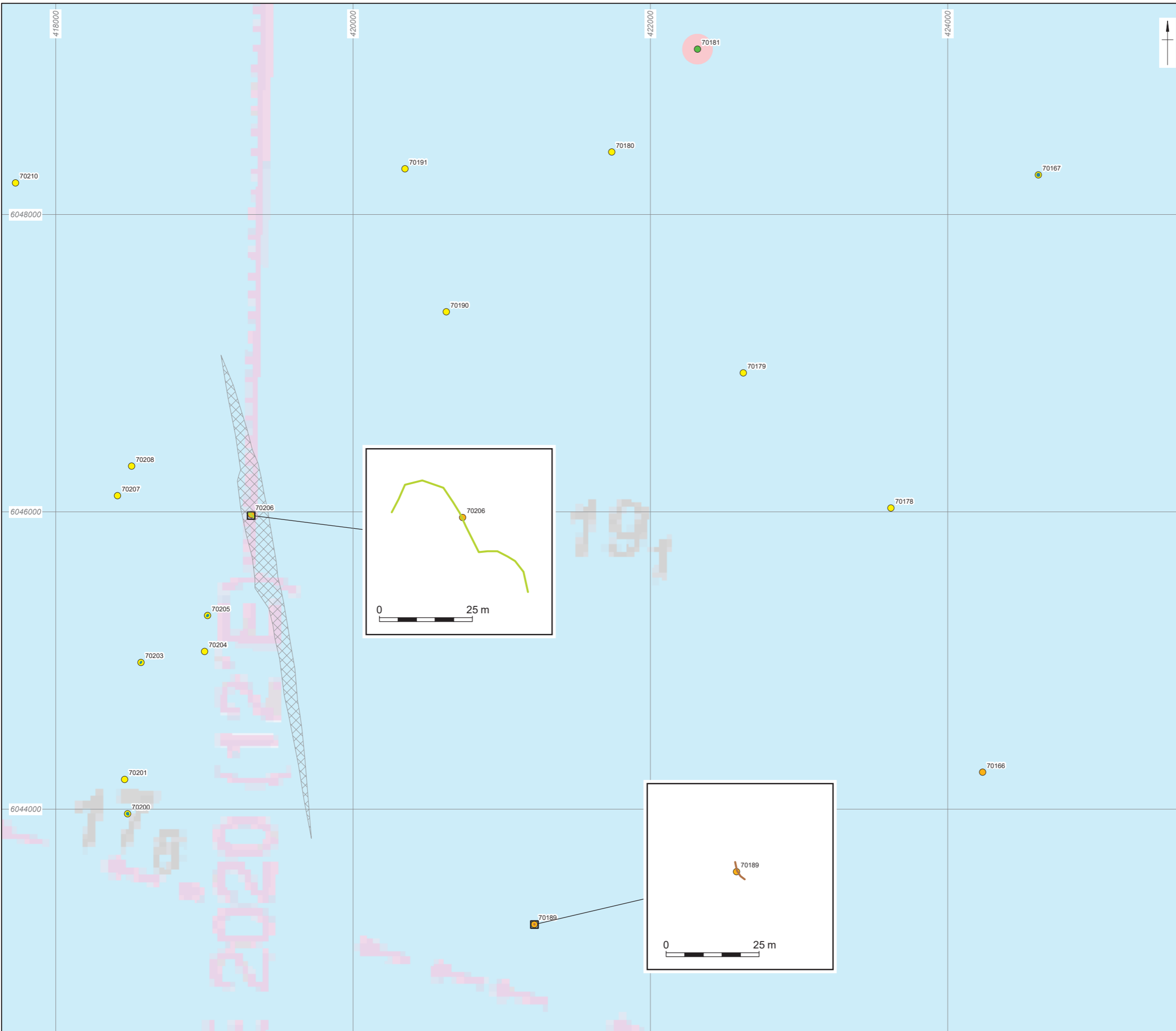


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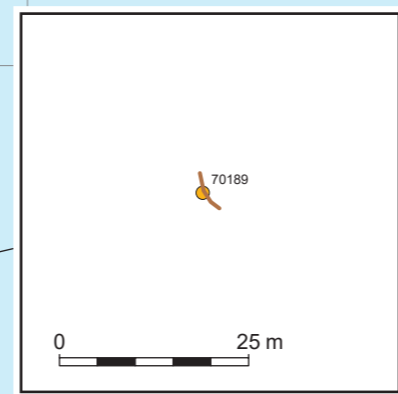
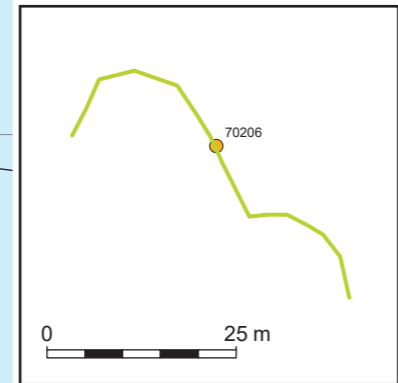
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Figure 2.10: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Area of inconsistent data coverage
- Anomalies of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- Seabed disturbance
- Dark reflector
- Seabed feature boundaries**
- Debris
- Linear debris
- Dark reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m

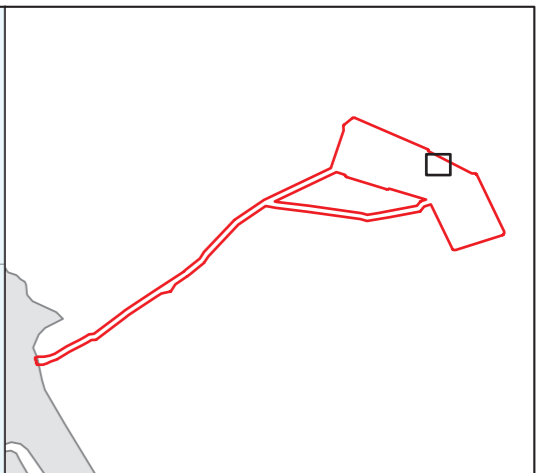
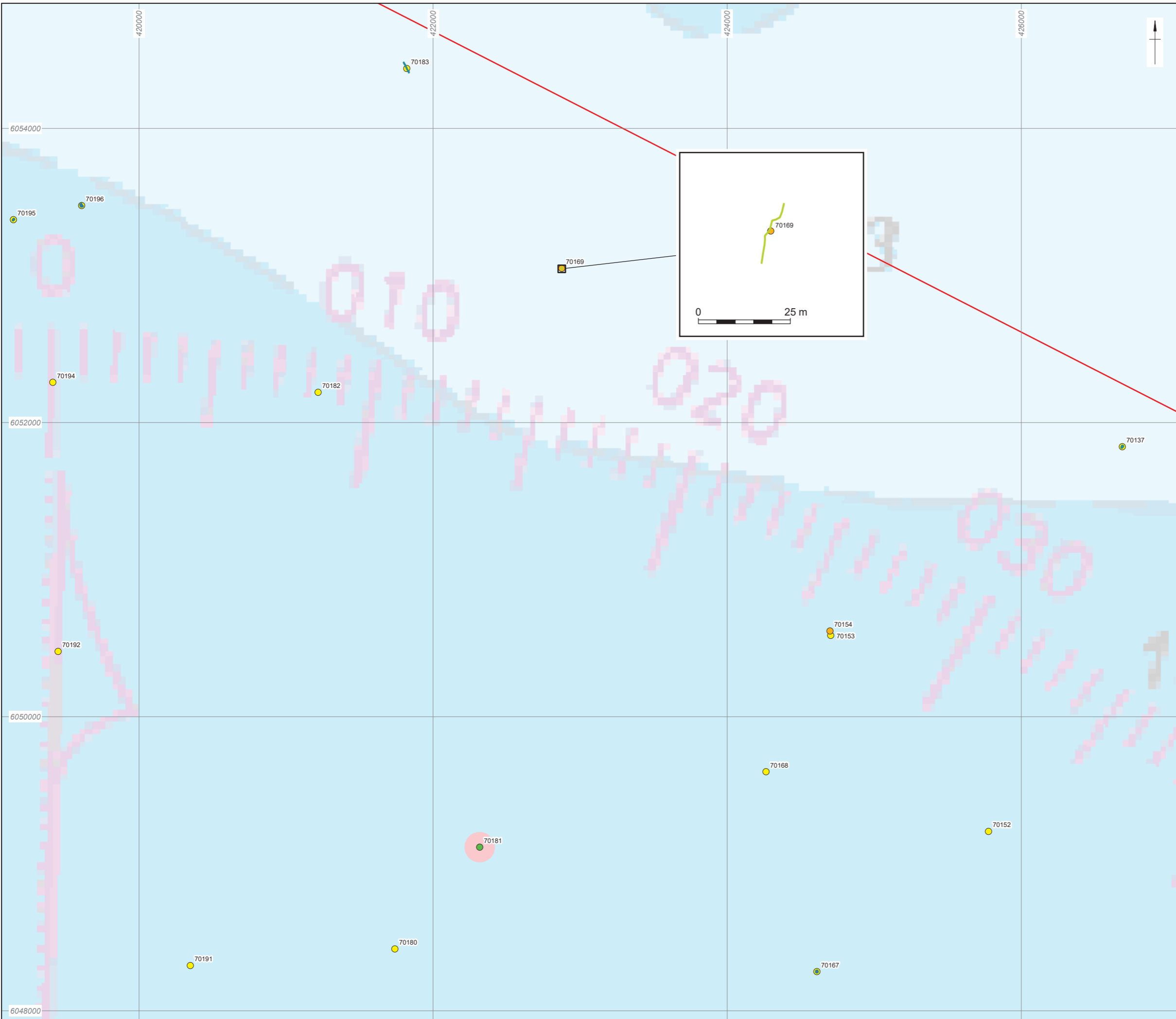


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Figure 2.11: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- Seabed disturbance
- Dark reflector
- Seabed feature boundaries**
- Linear debris
- Dark reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m

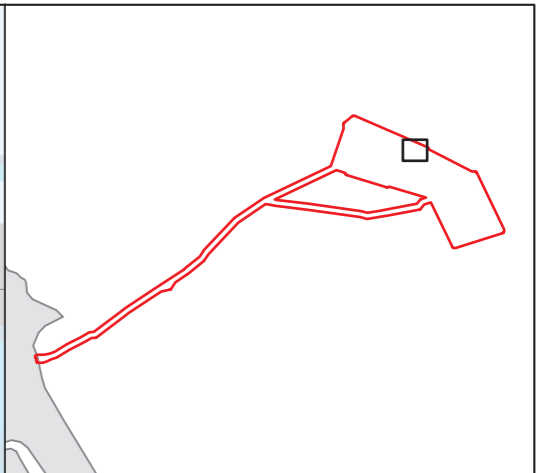
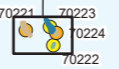
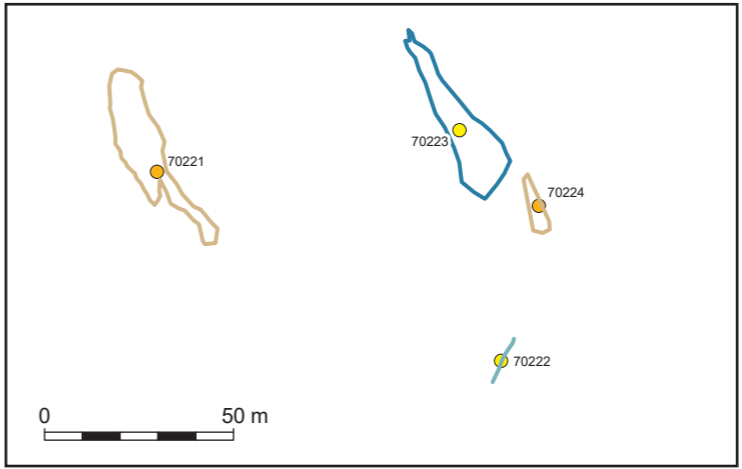
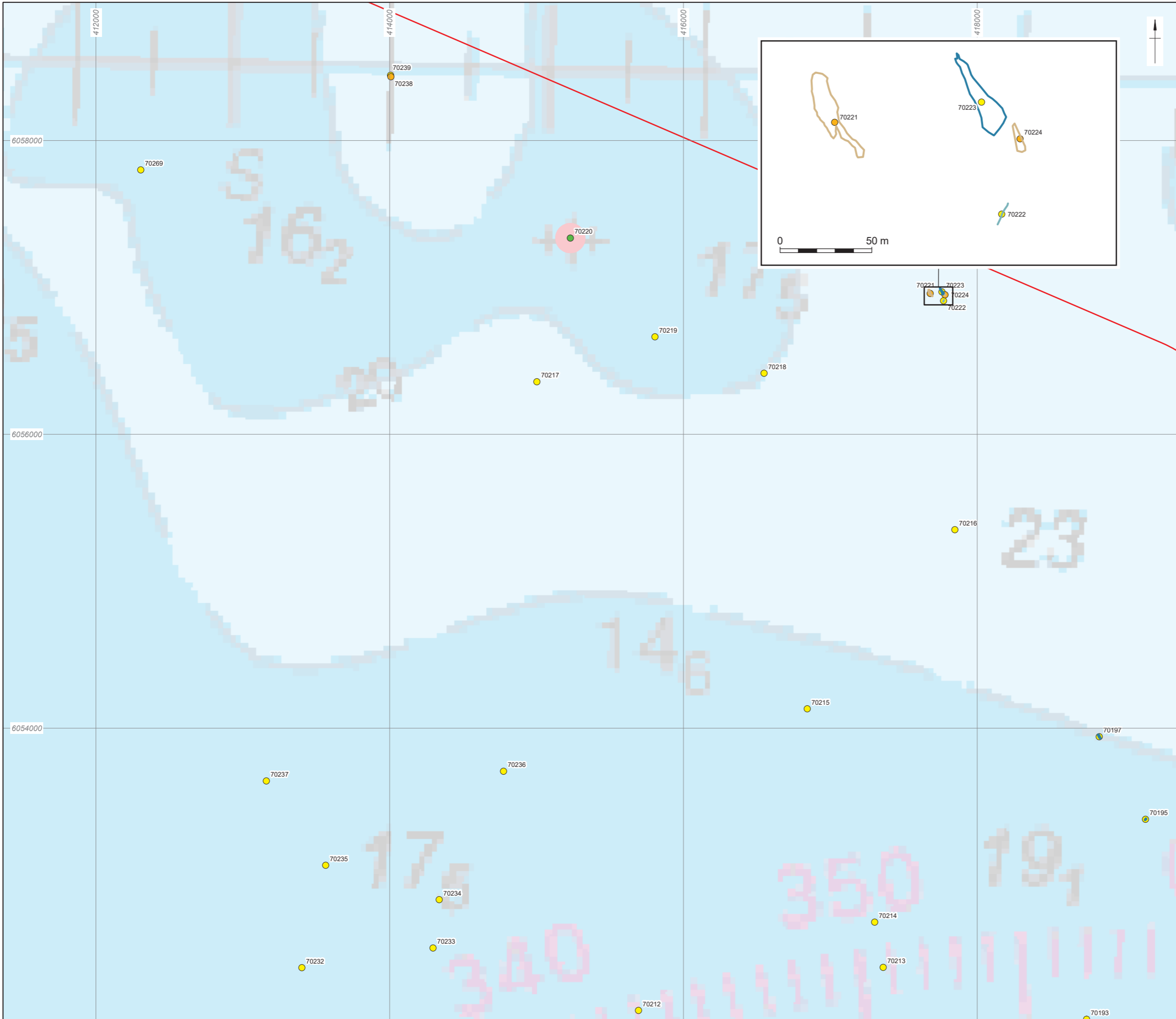


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Figure 2.12: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- ▭ Debris field
- ▭ Seabed disturbance
- ▭ Seabed feature boundaries
- ▬ Bright reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- ▭ 100 m

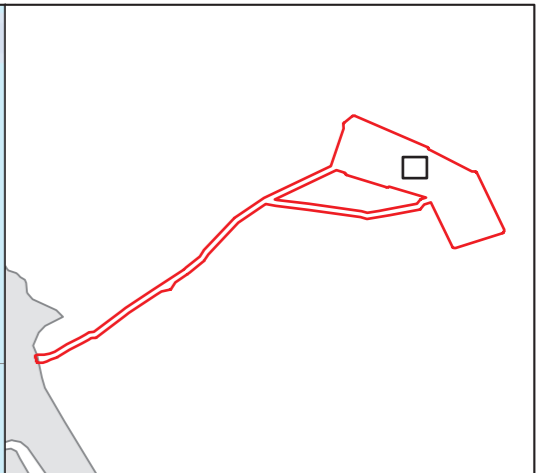
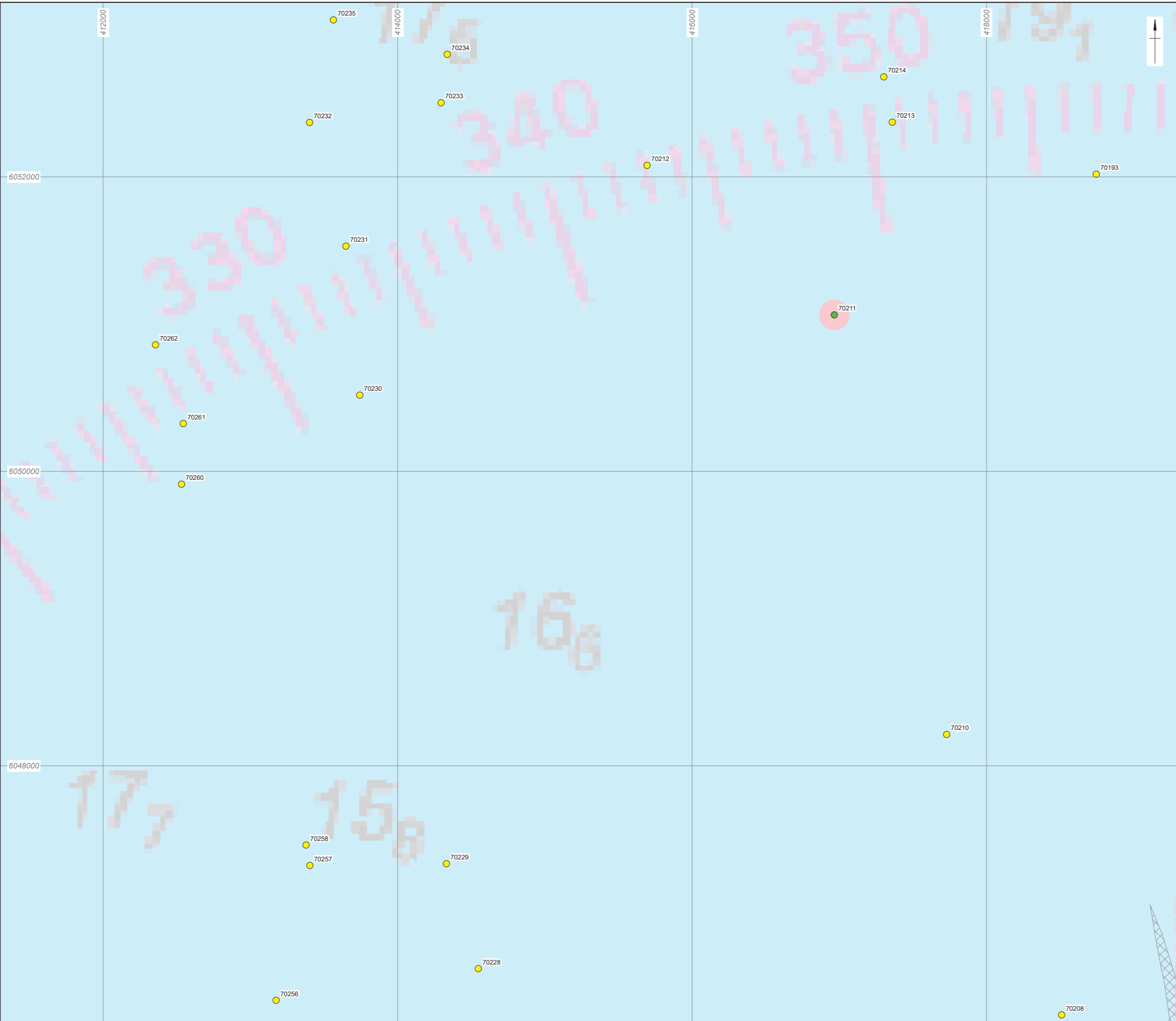


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Figure 2.13: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Area of inconsistent data coverage
- Anomalies of archaeological potential**
- A2_I – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m

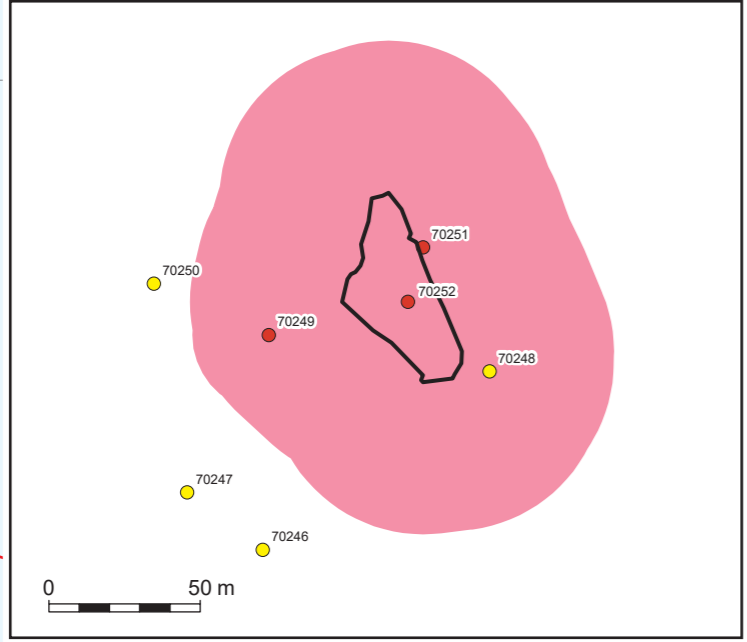
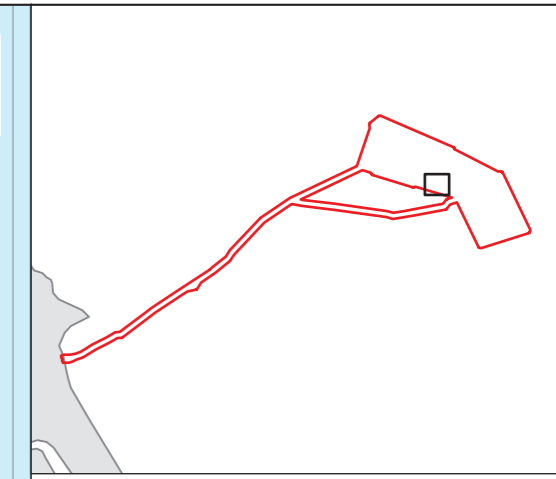
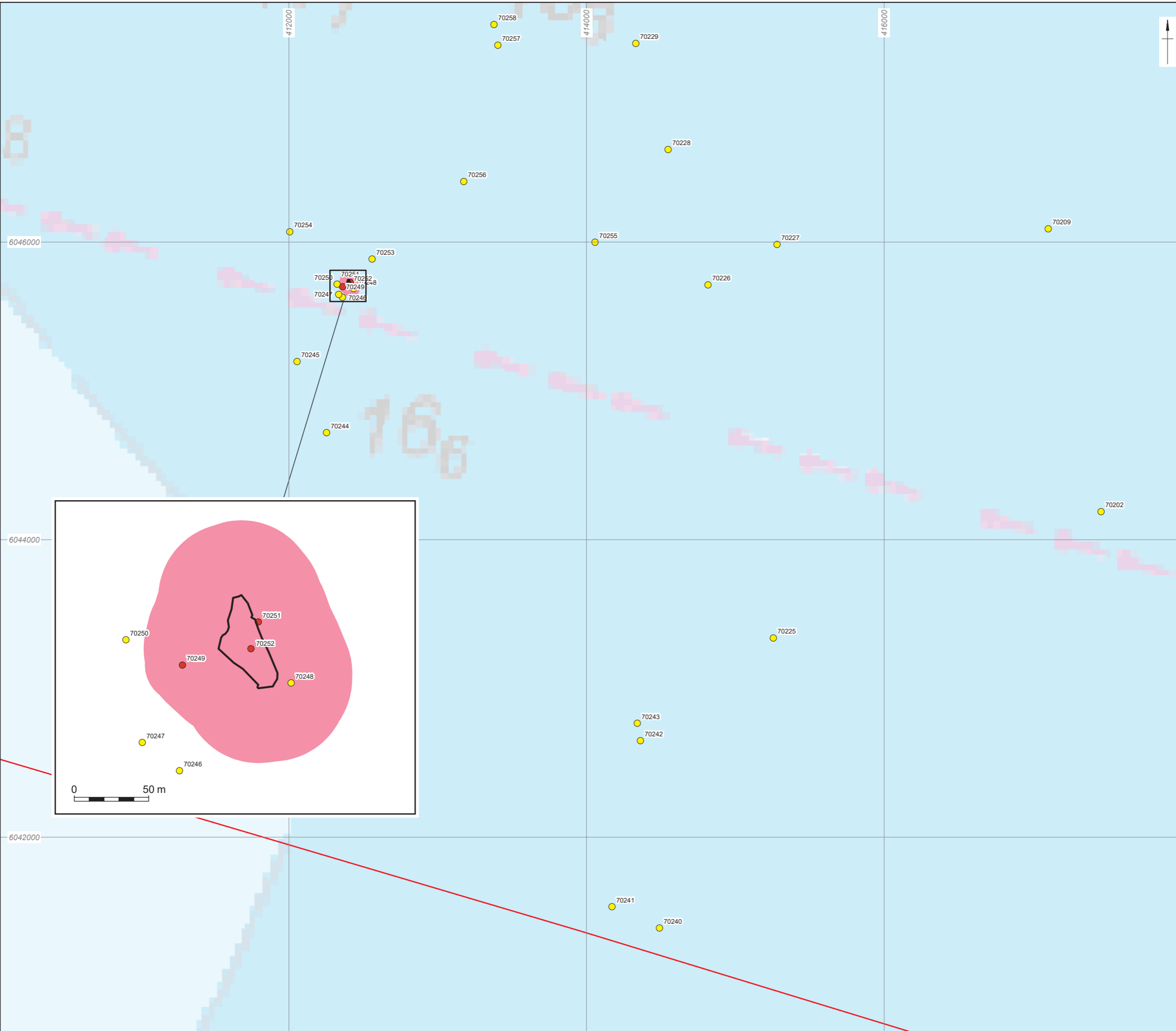


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Figure 2.14: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_I – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Wreck
- Recommended Archaeological Exclusion Zones (AEZs)**
- 50 m

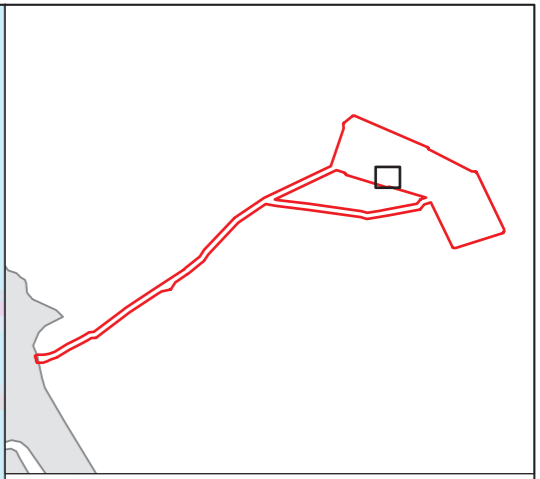
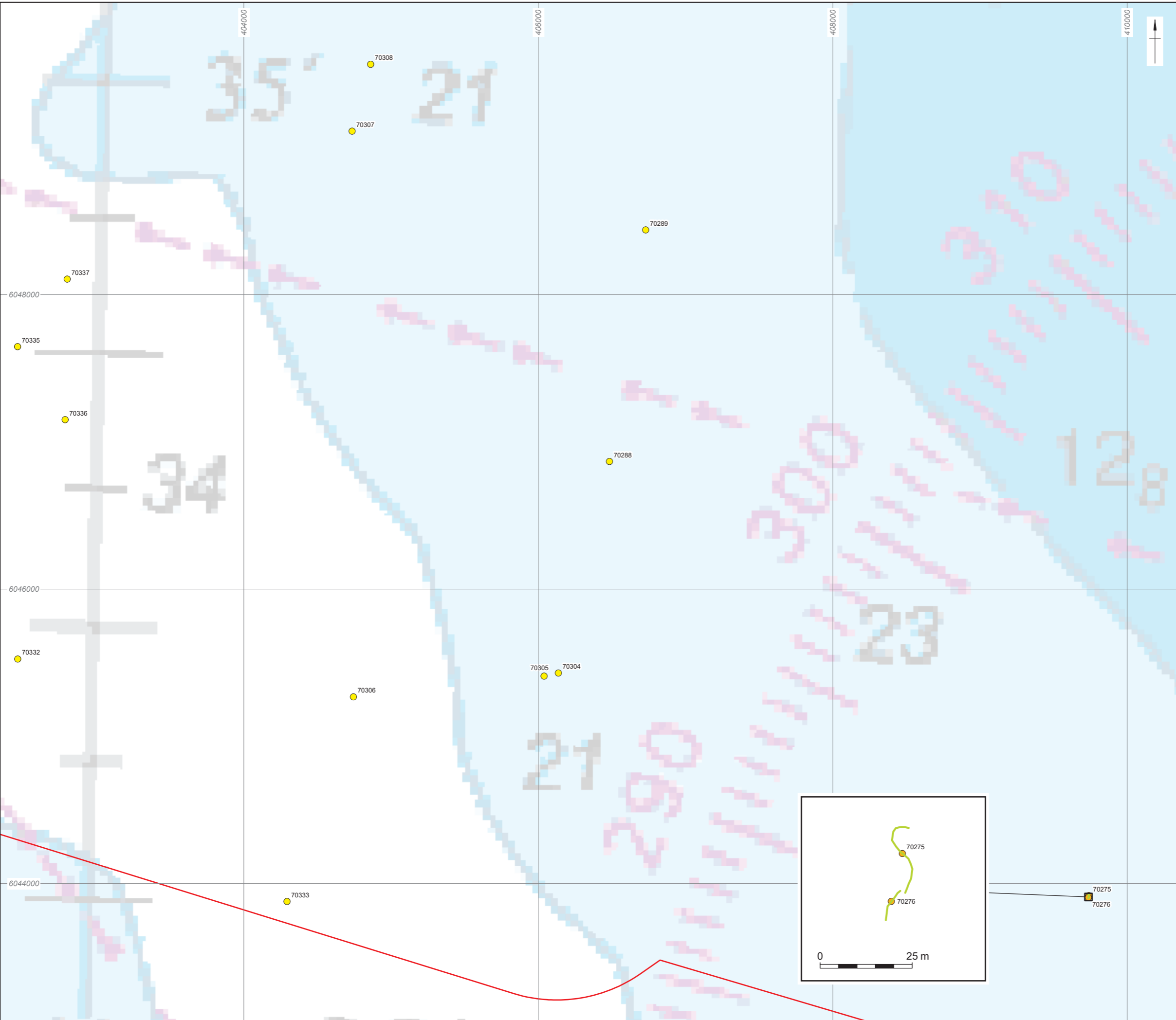


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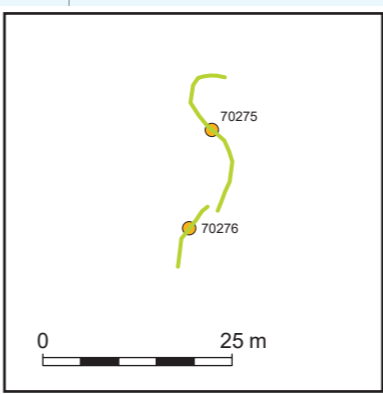
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Figure 2.15: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- Anomalies of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Linear debris

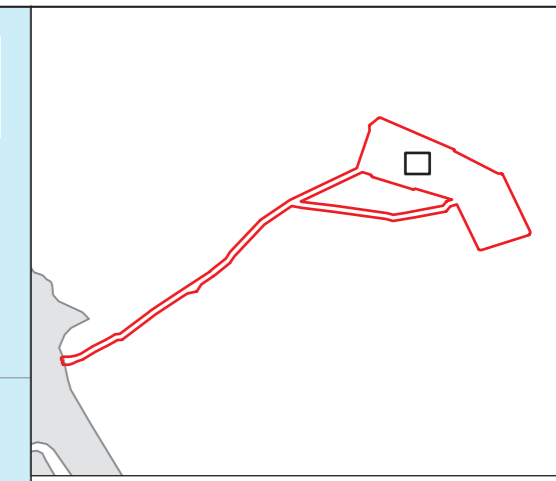
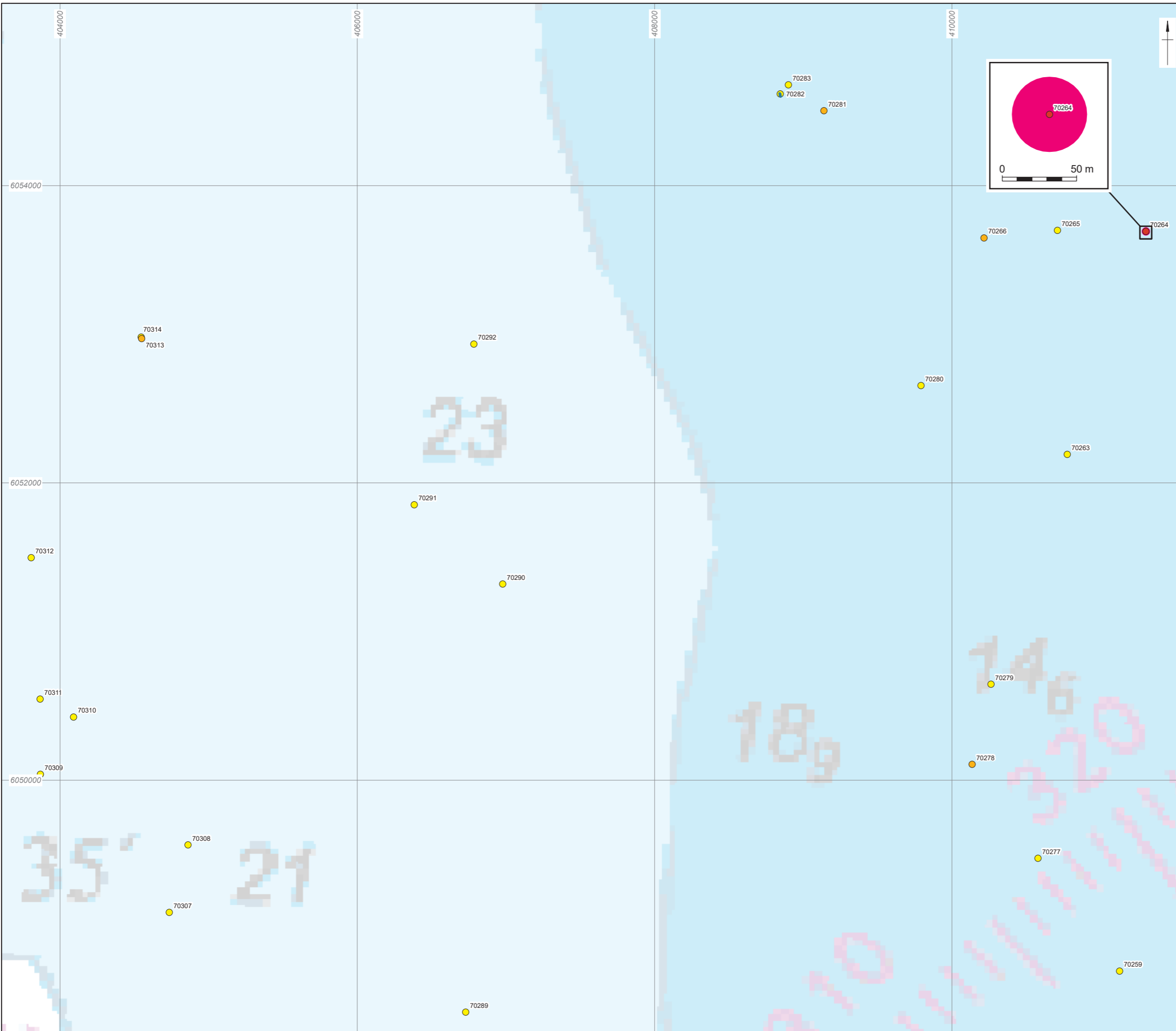


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Figure 2.16: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential
- A1 - Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries
- Seabed disturbance
- Recommended Archaeological Exclusion Zones (AEZs)
- 25 m

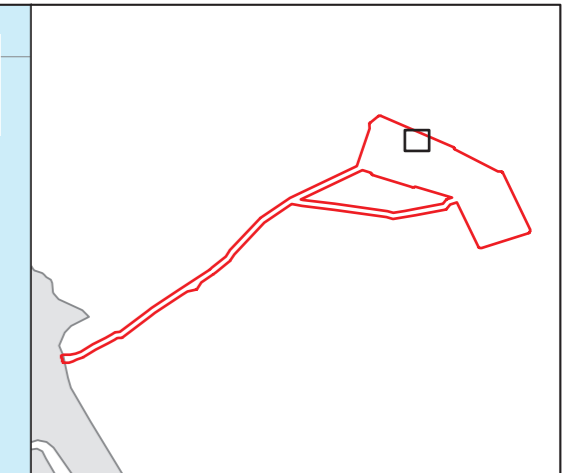
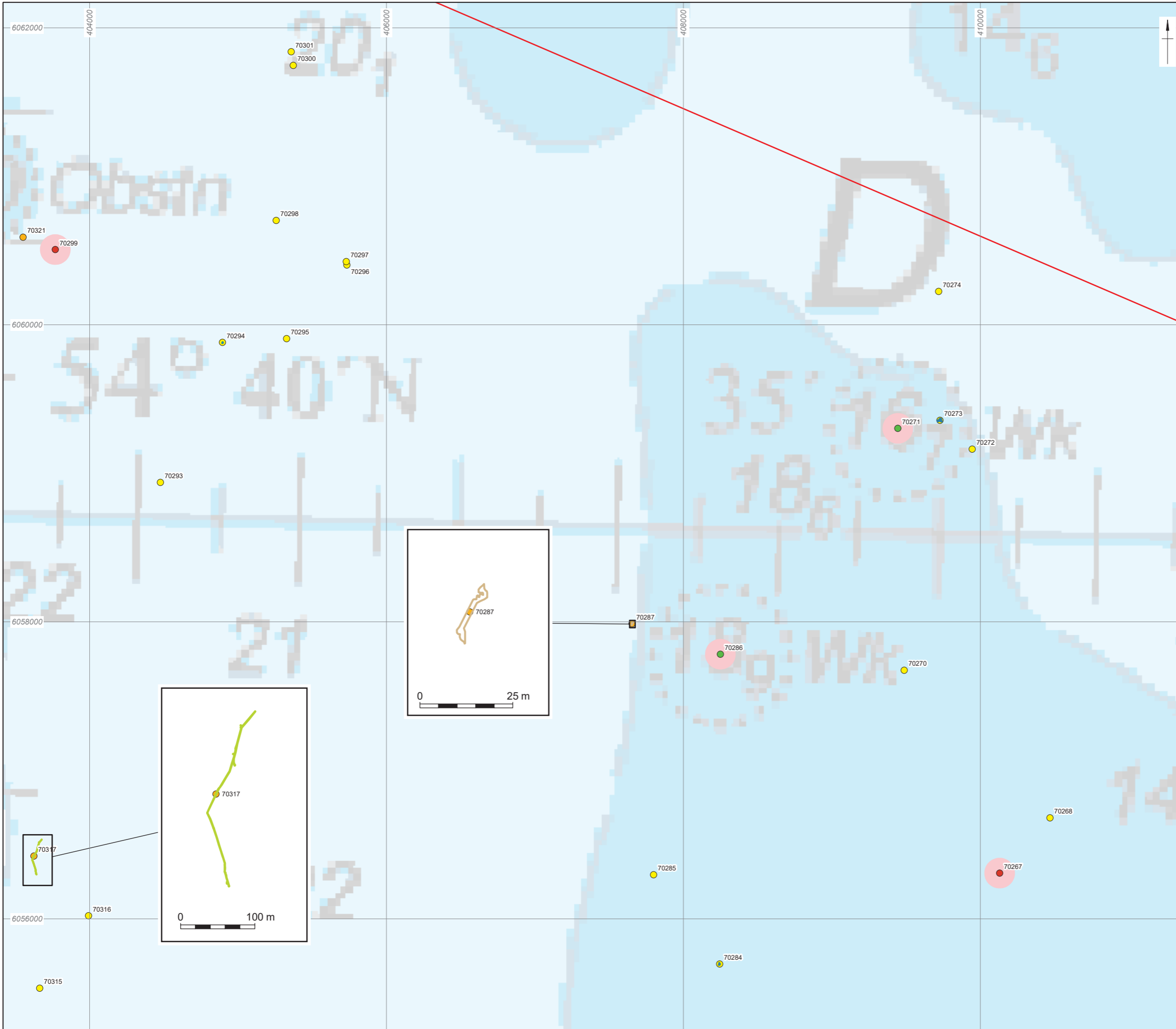


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Figure 2.17: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- Debris field
- Linear debris
- Seabed disturbance
- Seabed feature boundaries**
- Dark reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m

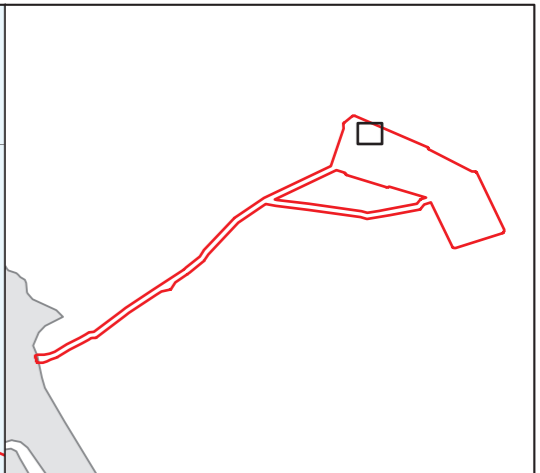
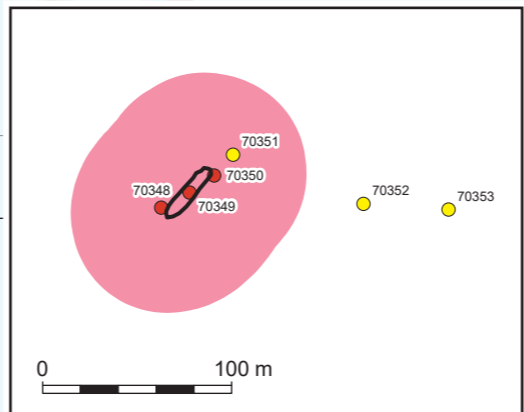
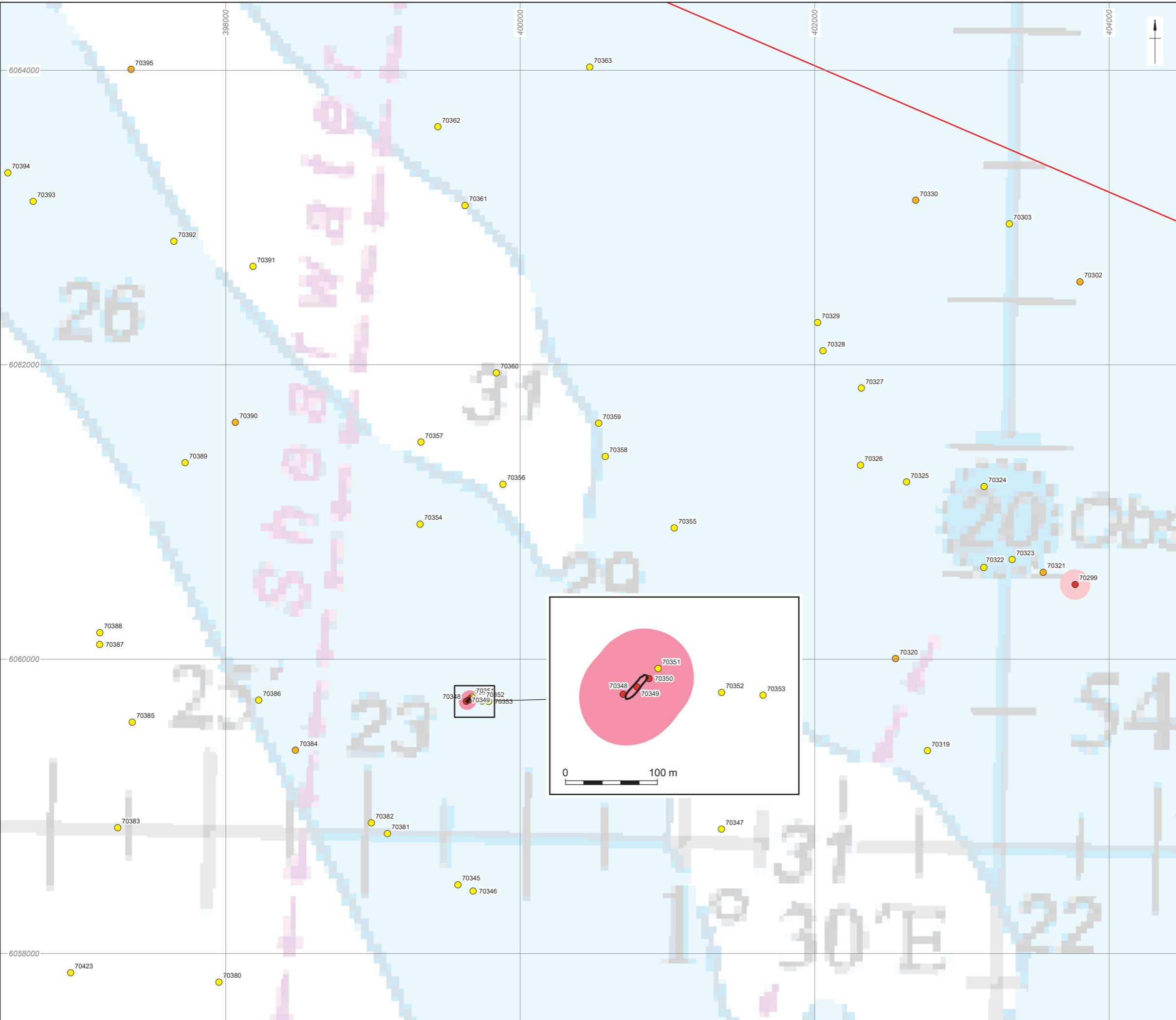


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Figure 2.18: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_h - Anomaly of likely anthropogenic origin but of unknown date
- A2_l - Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Wreck
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m
- 50 m

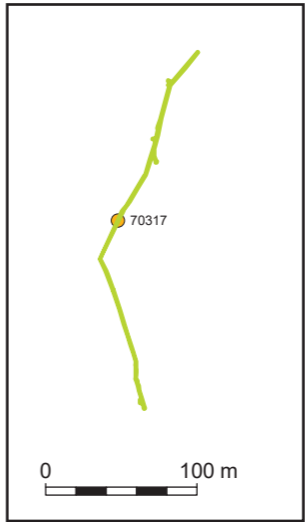
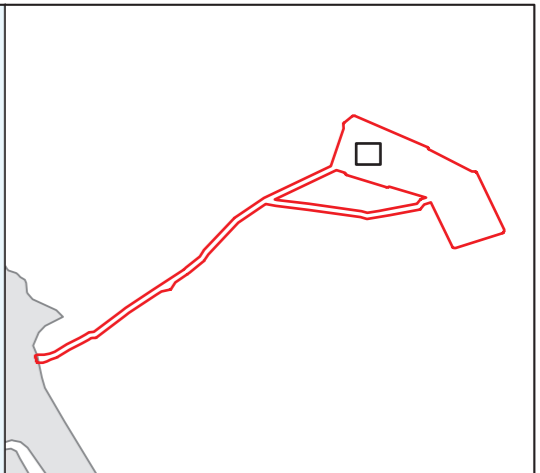
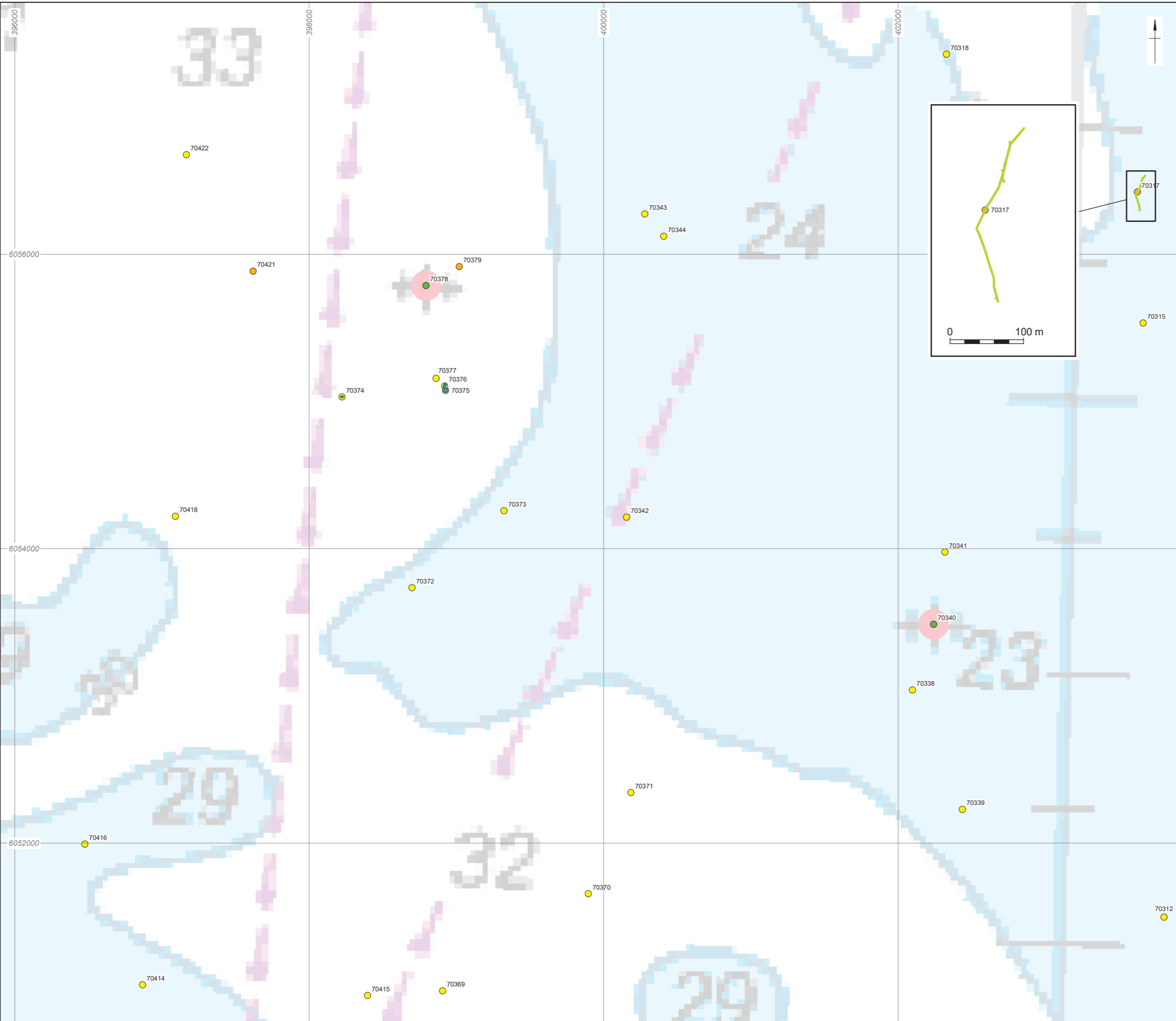


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Figure 2.19: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential
 - A2_h – Anomaly of likely anthropogenic origin but of unknown date
 - A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
 - A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries
 - Linear debris
 - Seabed disturbance
- Recommended Archaeological Exclusion Zones (AEZs)
 - 100 m

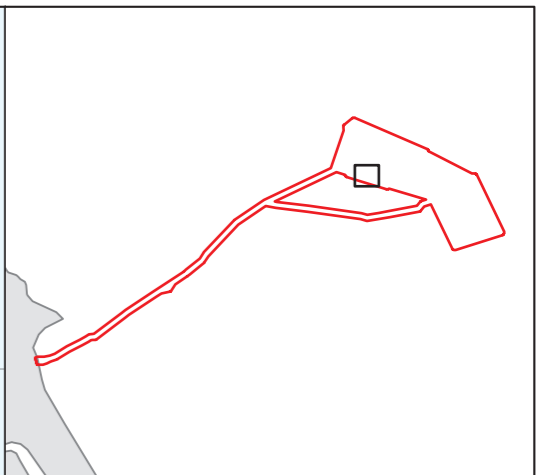
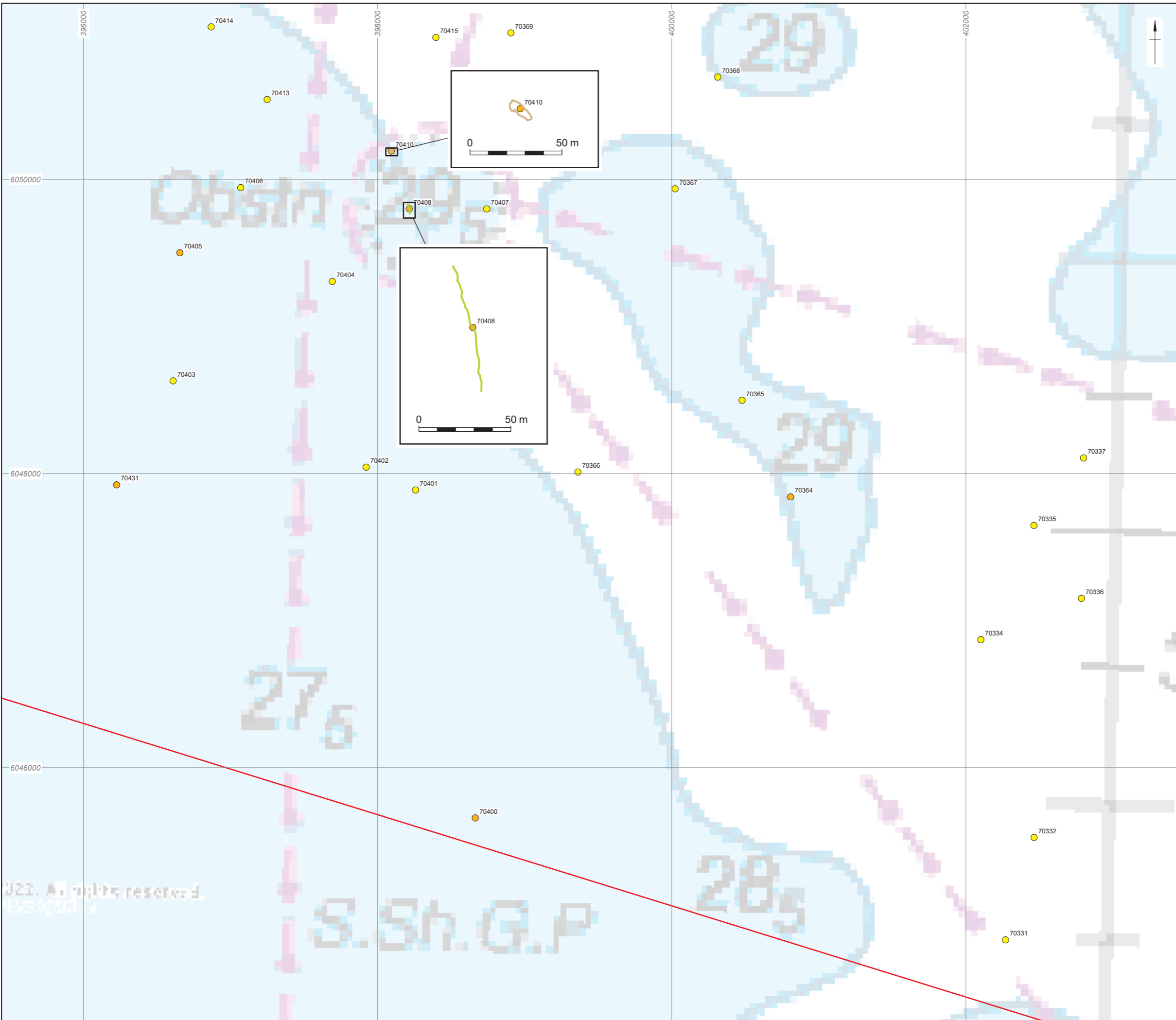


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Figure 2.20: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- Anomalies of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Debris field
- Seabed feature boundaries
- Linear debris



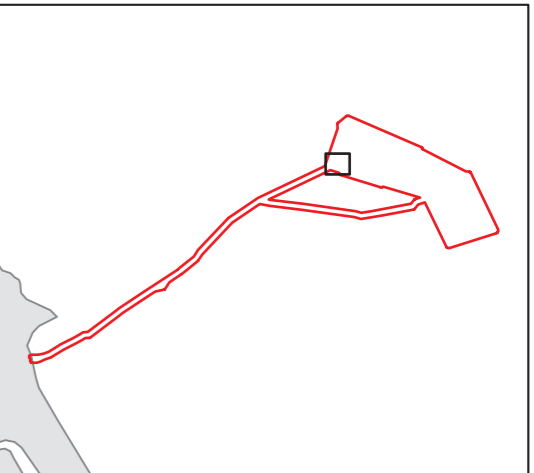
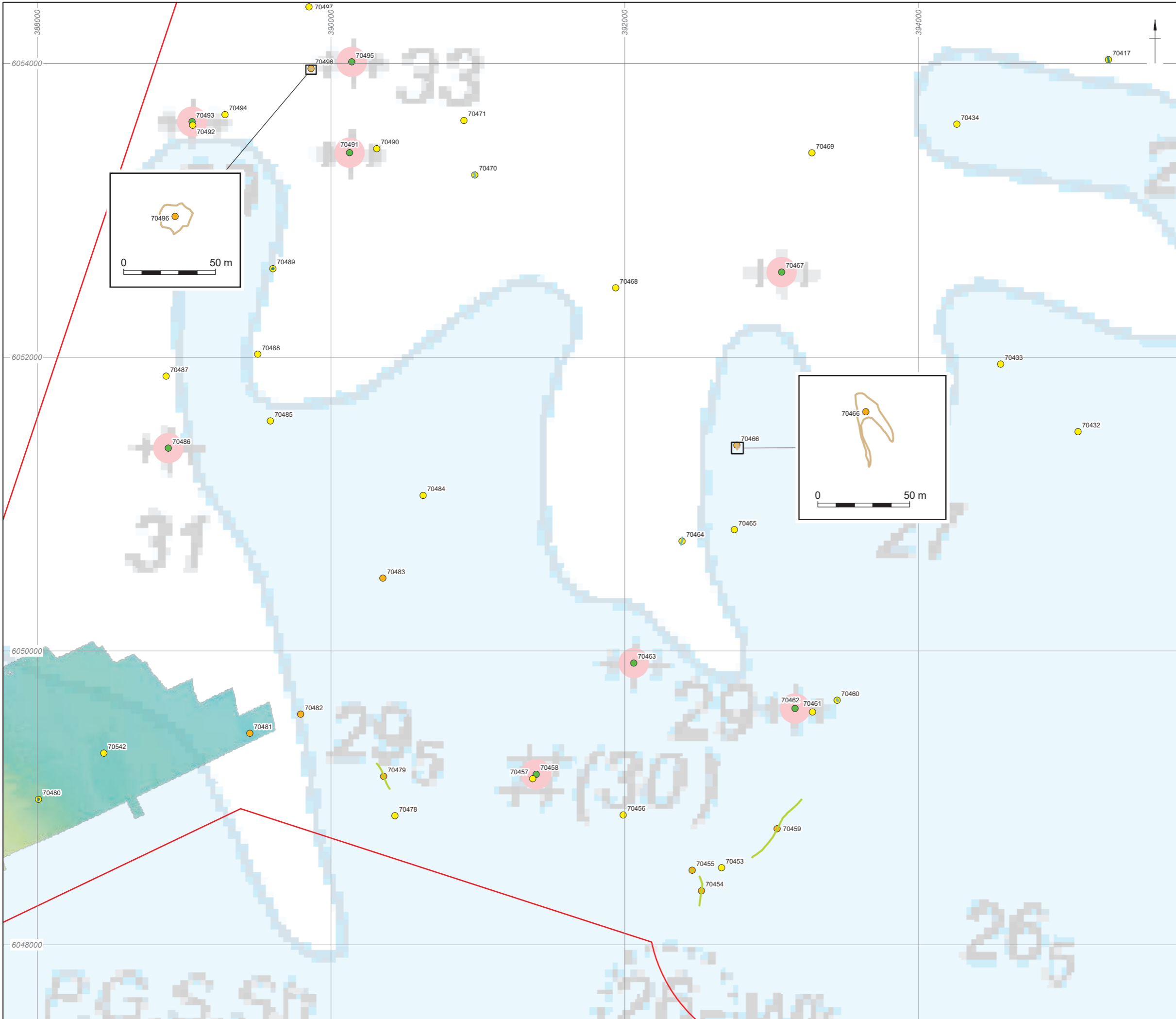
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Figure 2.21: Anomalies of archaeological potential and archaeological exclusion zones

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DBS study area
 MBES data showing extent of data coverage in ECR

Anomalies of archaeological potential

- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly

Seabed feature boundaries

- Debris field
- Linear debris
- Seabed disturbance
- Bright reflector
- Dark reflector

Seabed feature boundaries

- Linear debris
- Bright reflector

Recommended Archaeological Exclusion Zones (AEZs)

- 100 m

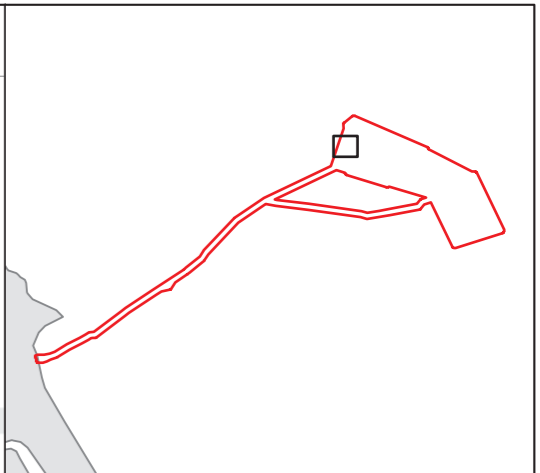
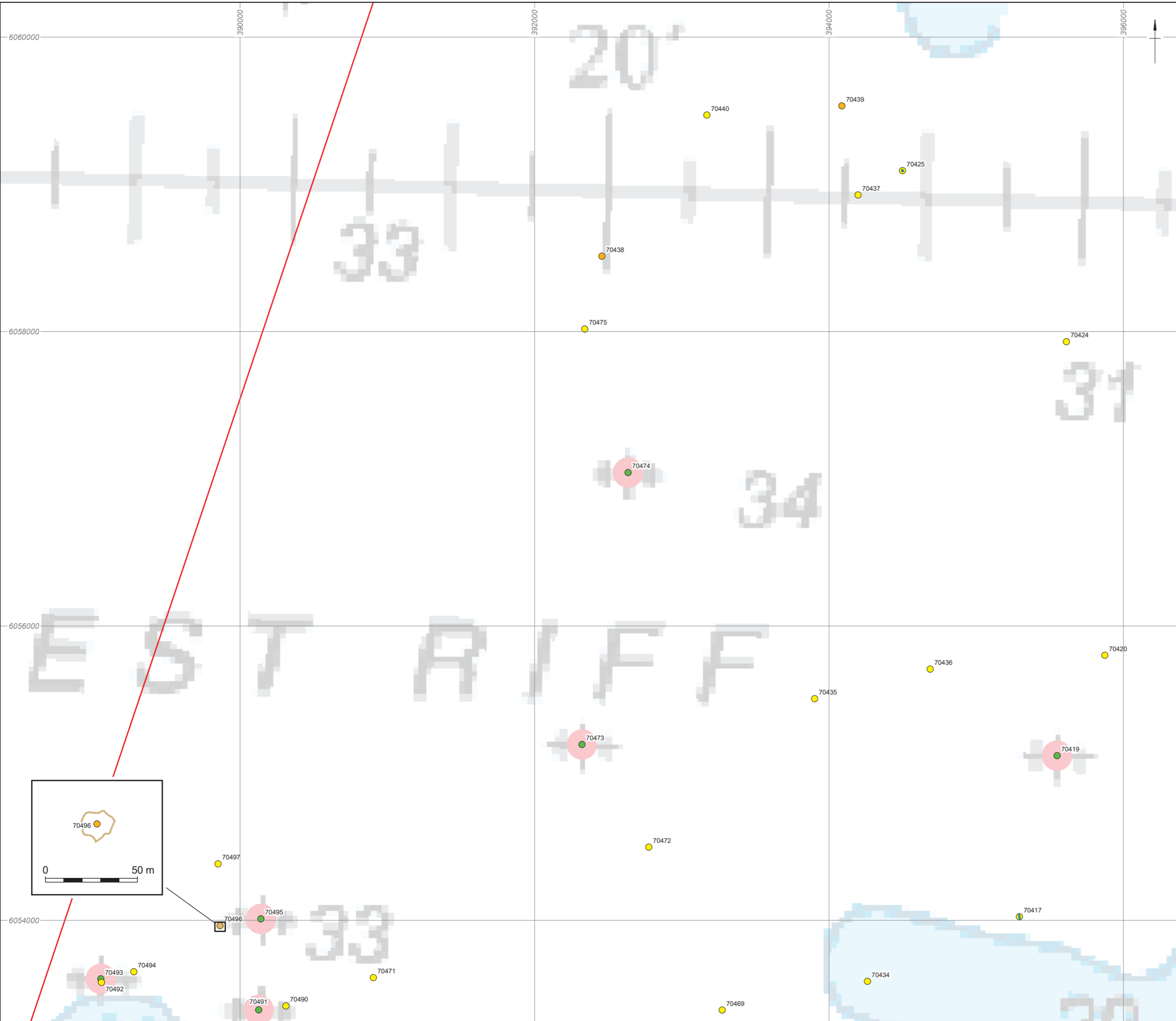
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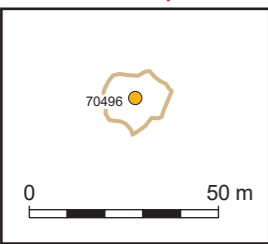
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Figure 2.22: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- Debris field
- Seabed disturbance
- Dark reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m

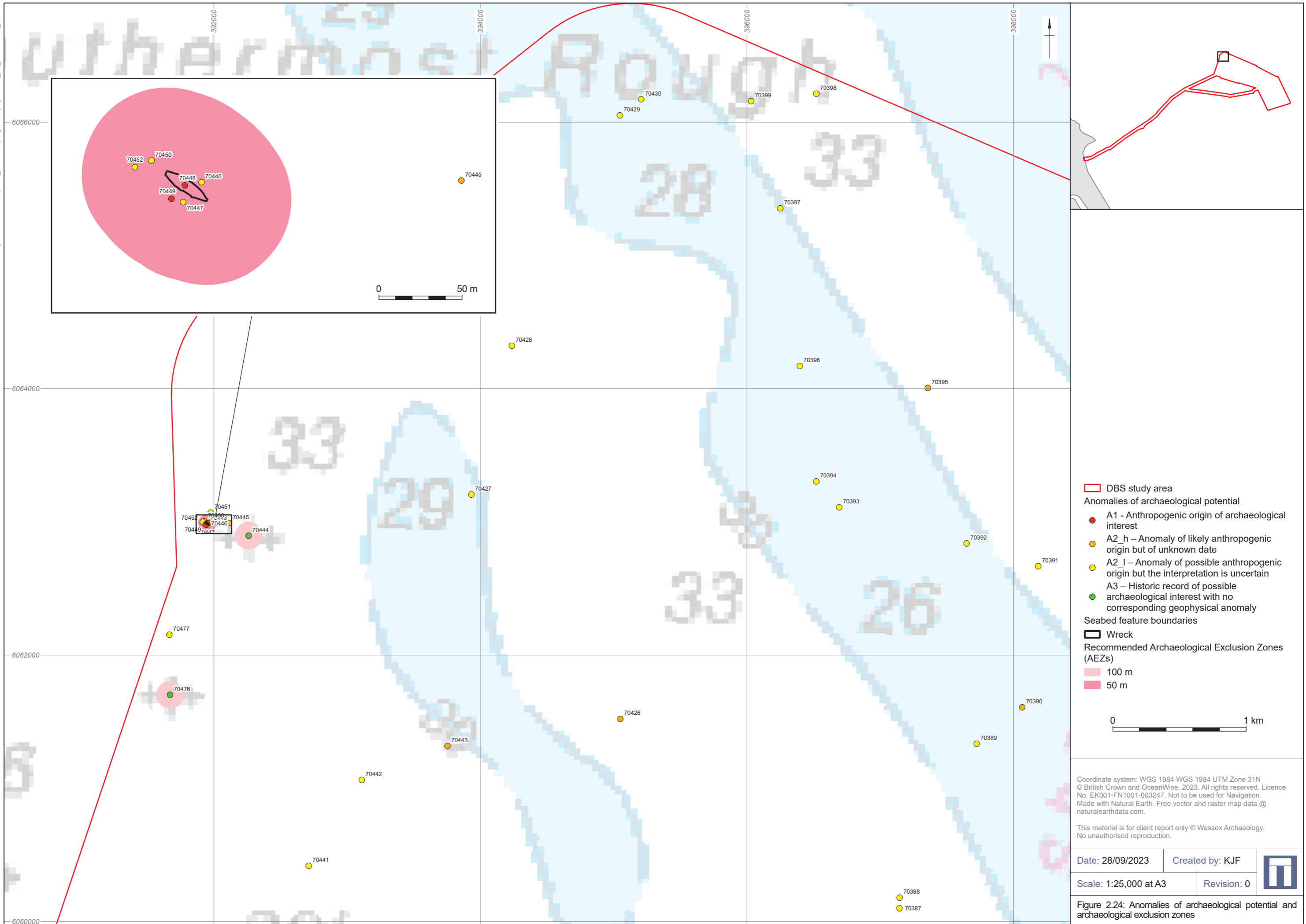


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Figure 2.23: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- Wreck
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m
- 50 m

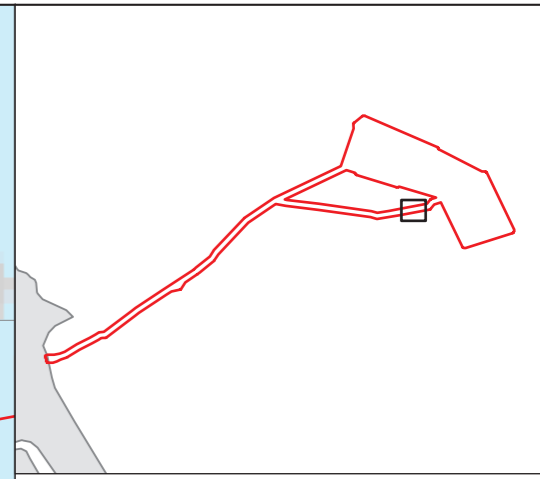
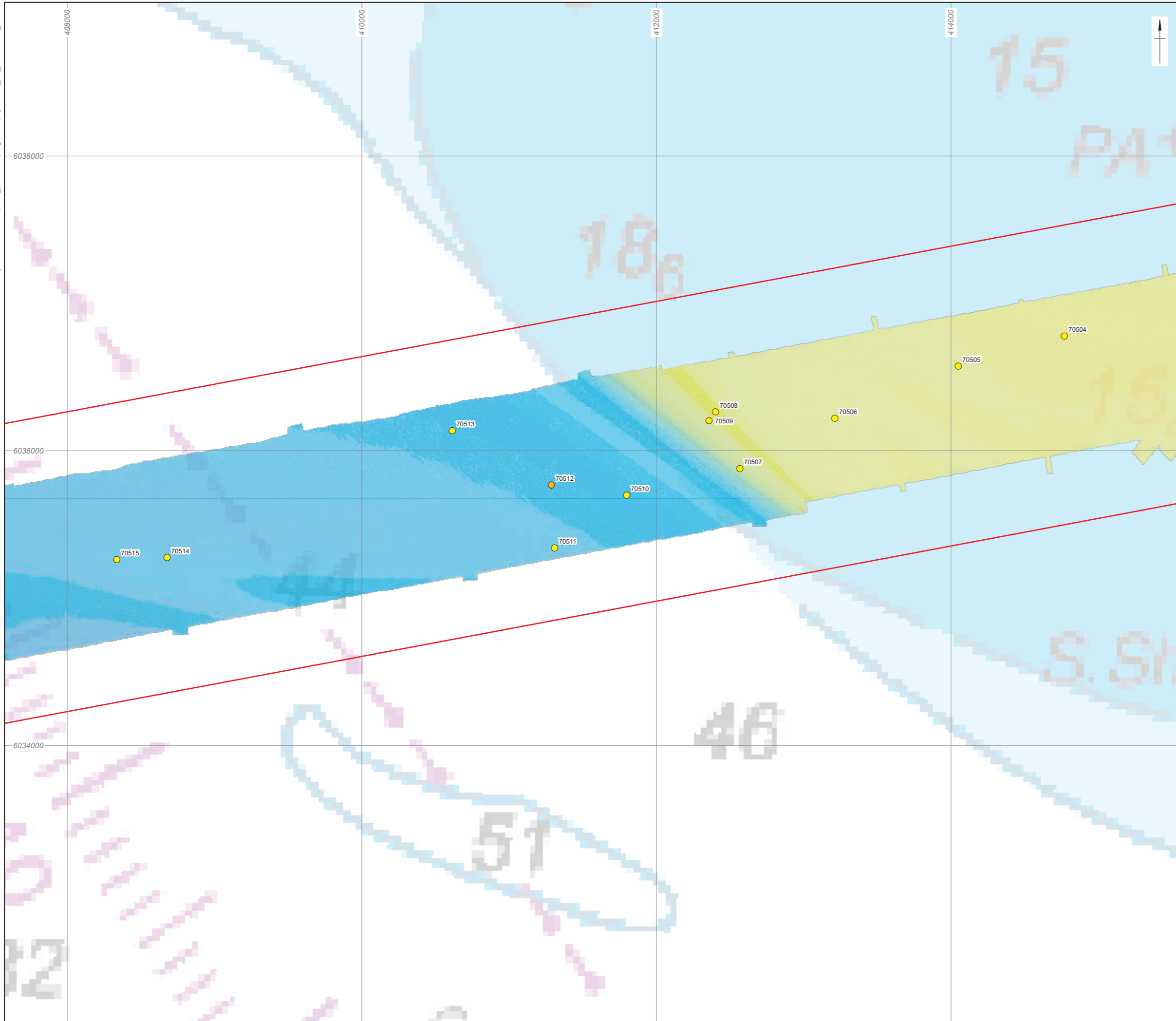
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Figure 2.24: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
 - A2_h – Anomaly of likely anthropogenic origin but of unknown date
 - A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain



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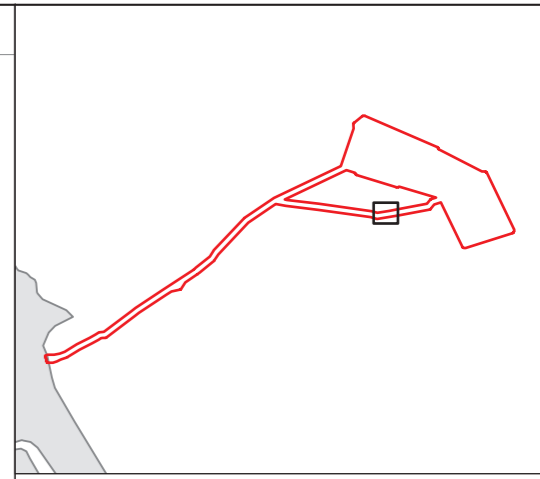
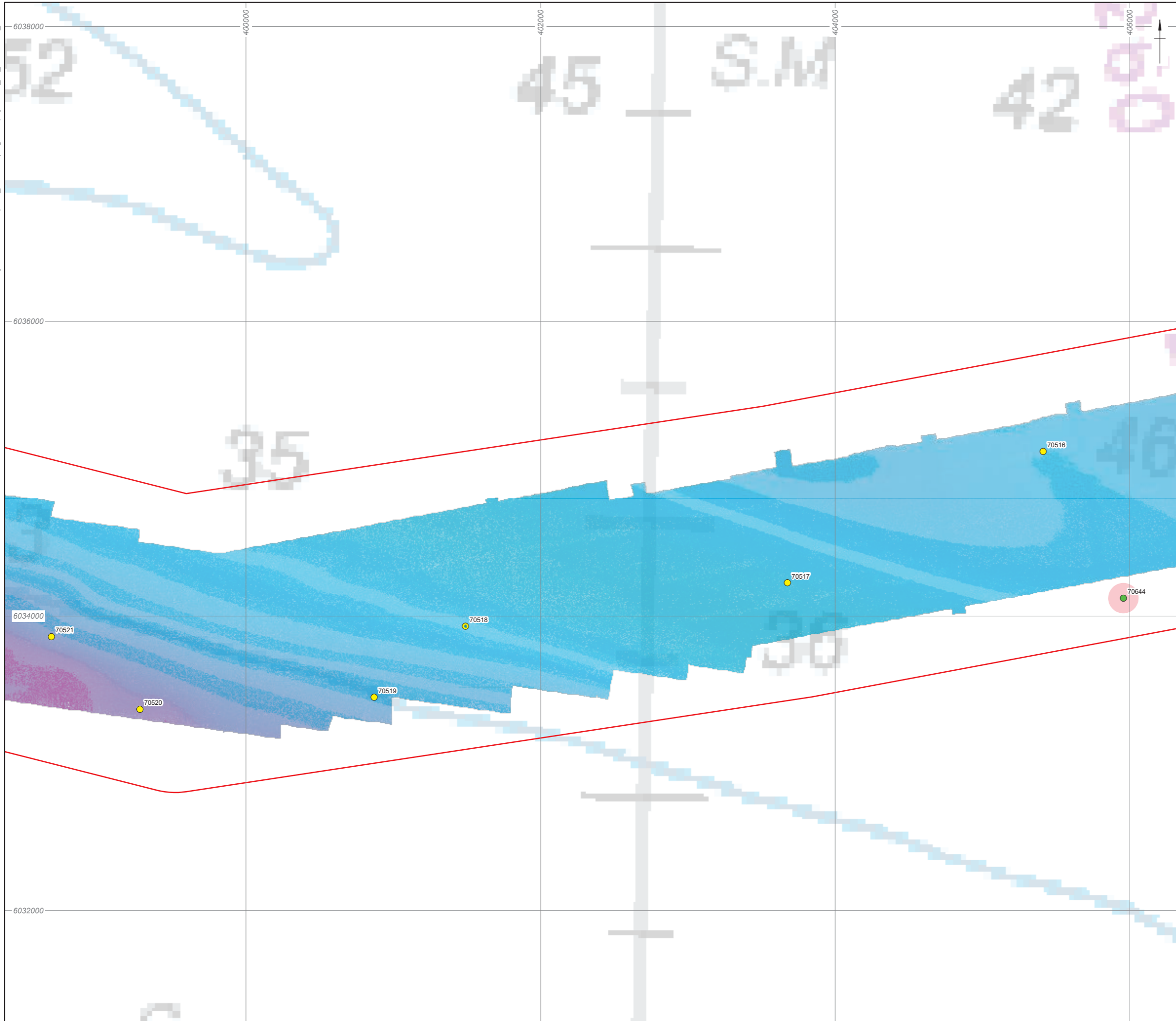
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Figure 2.25: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
- A2_I – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- Dark reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- ▭ 100 m

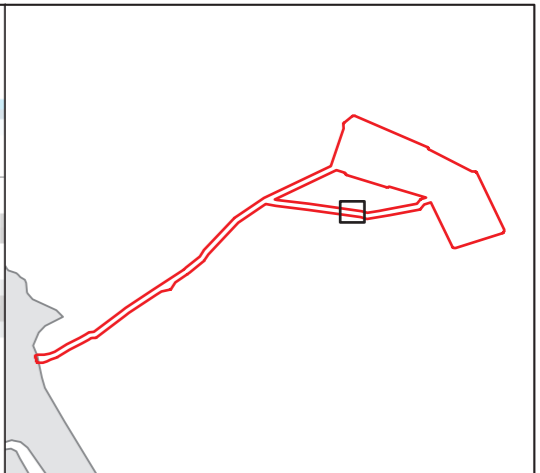
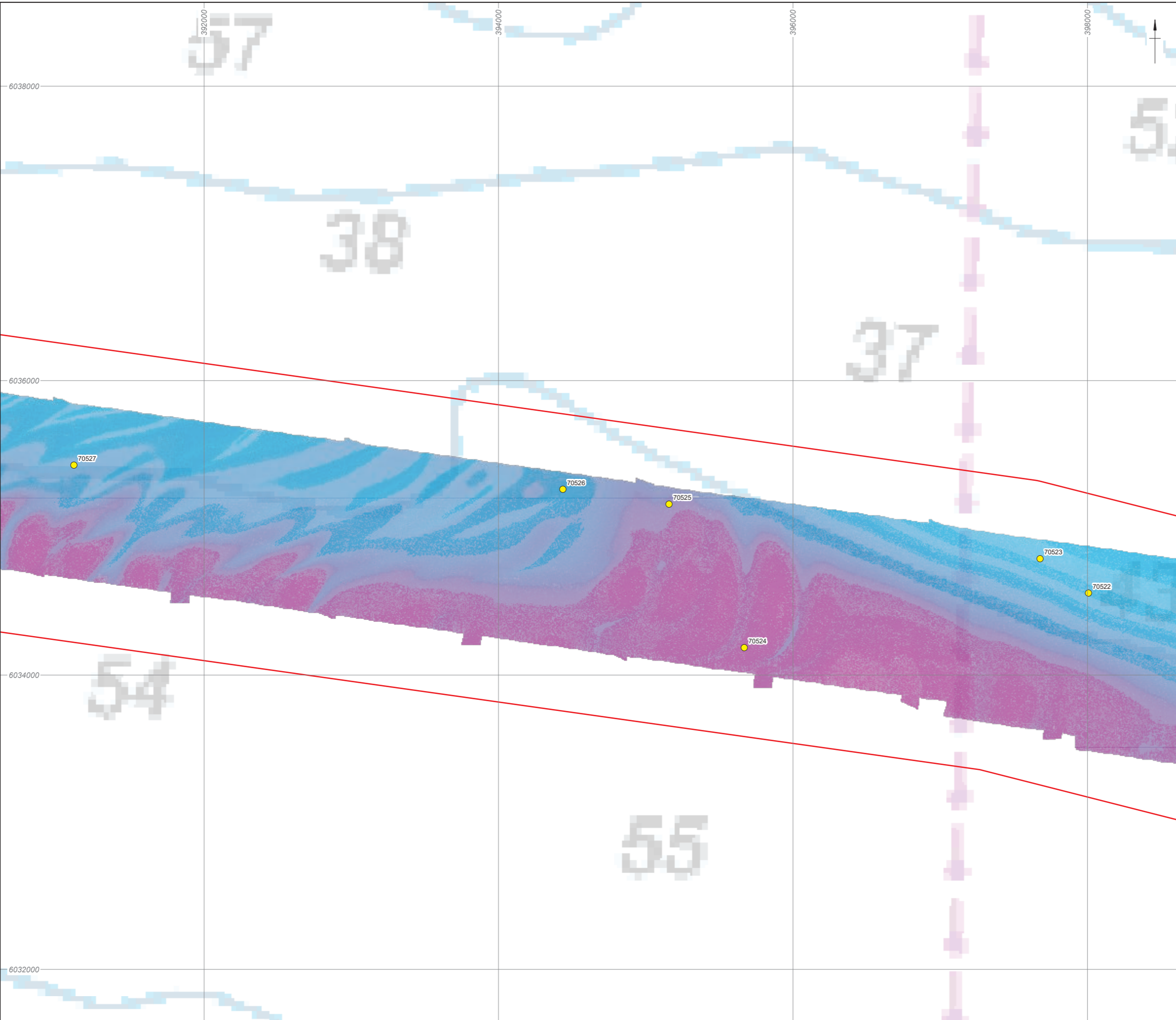


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Figure 2.26: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
- A2_I – Anomaly of possible anthropogenic origin but the interpretation is uncertain

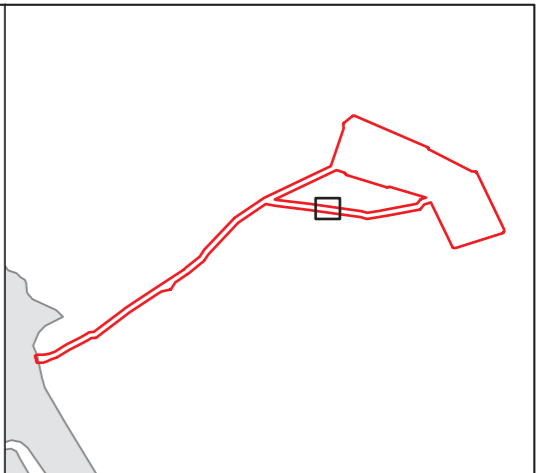
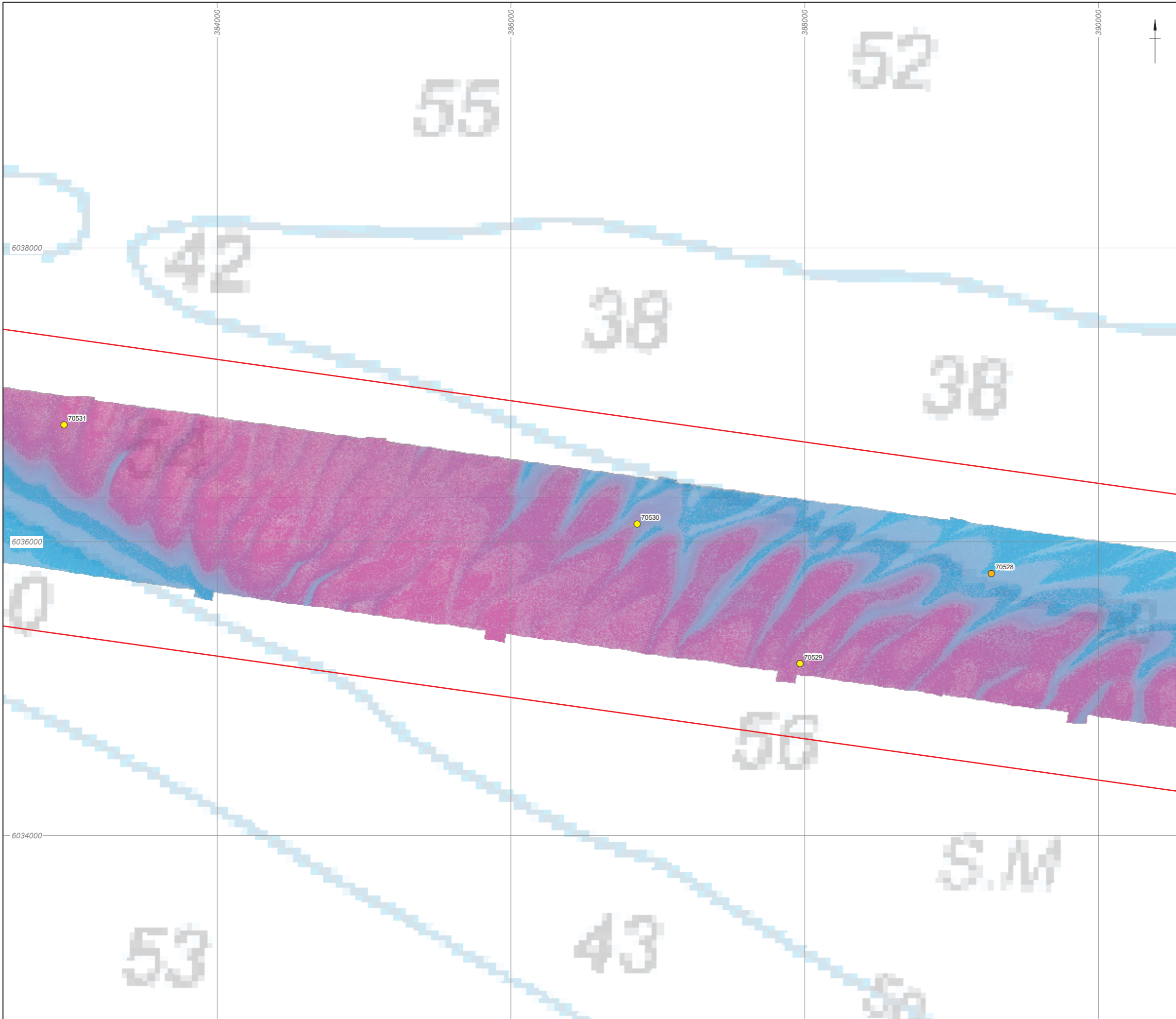


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Figure 2.27: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
 - A2_h – Anomaly of likely anthropogenic origin but of unknown date
 - A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain

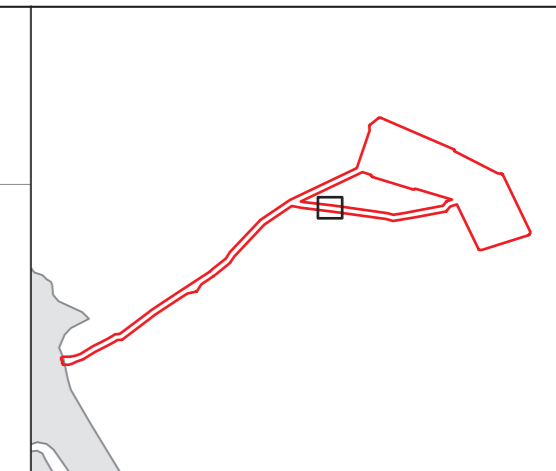
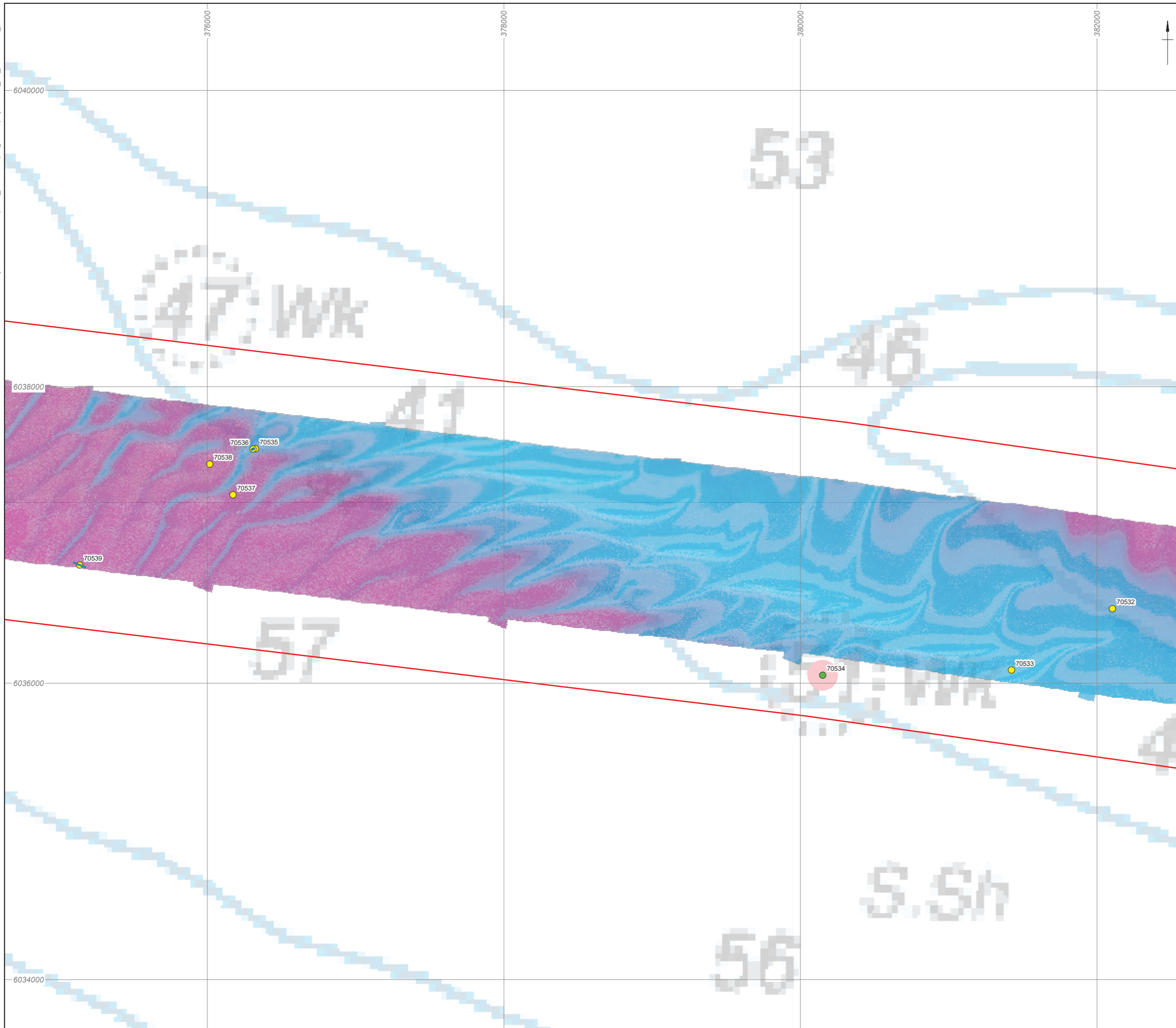


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Figure 2.28: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
- A2_I – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- ▭ Seabed disturbance
- ▭ Seabed feature boundaries
- ▭ Dark reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- ▭ 100 m

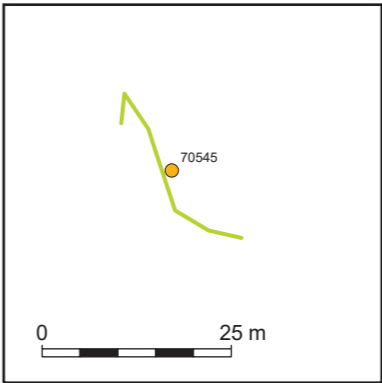
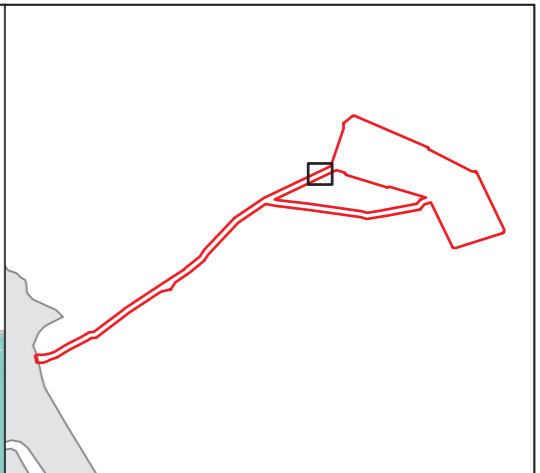
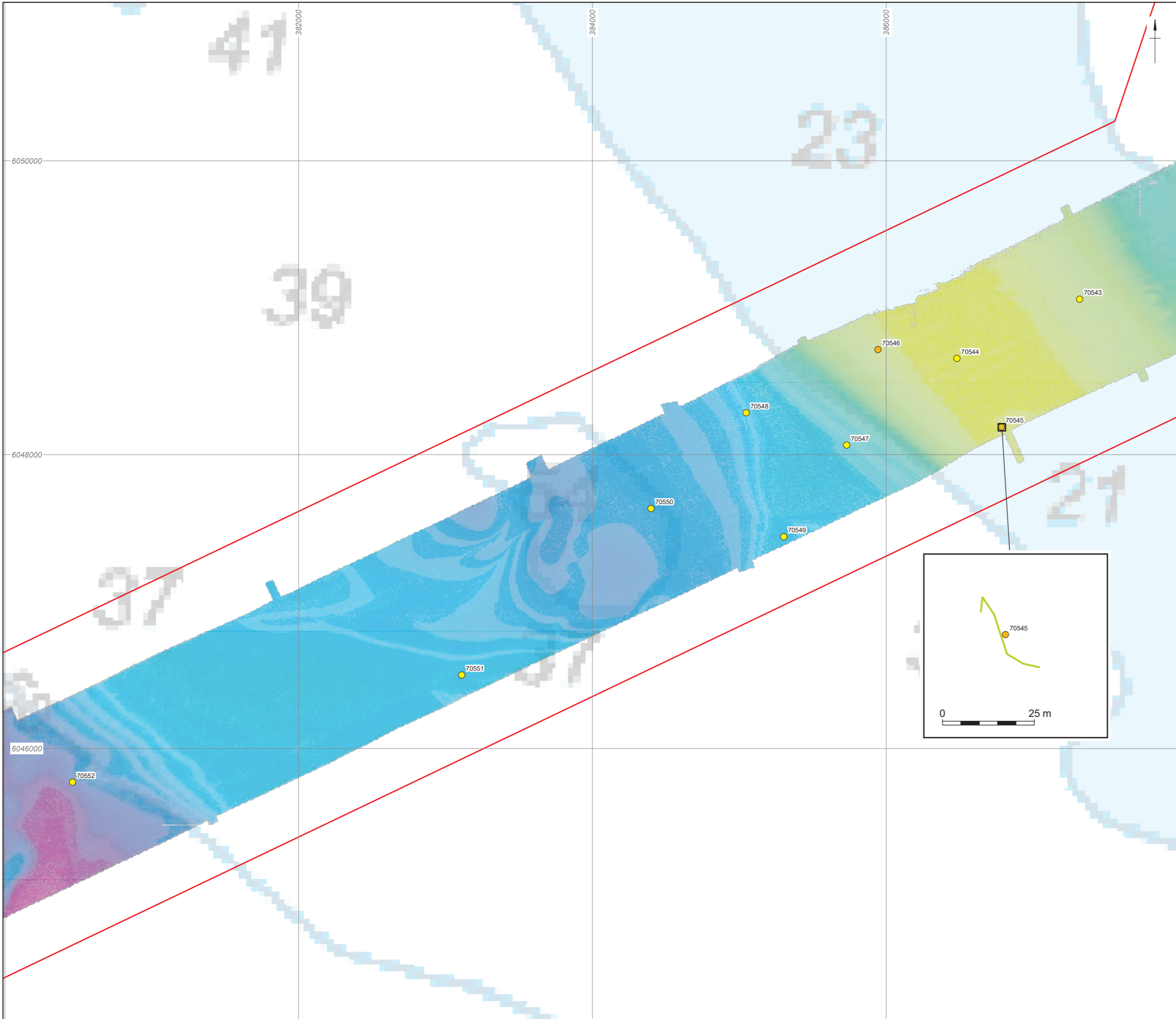


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Figure 2.29: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
 - A2_h – Anomaly of likely anthropogenic origin but of unknown date
 - A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
 - Linear debris

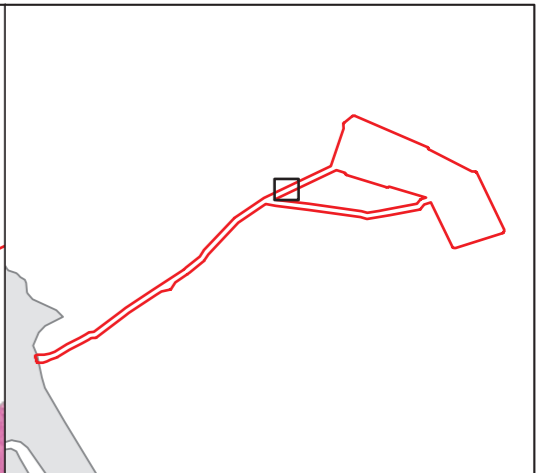
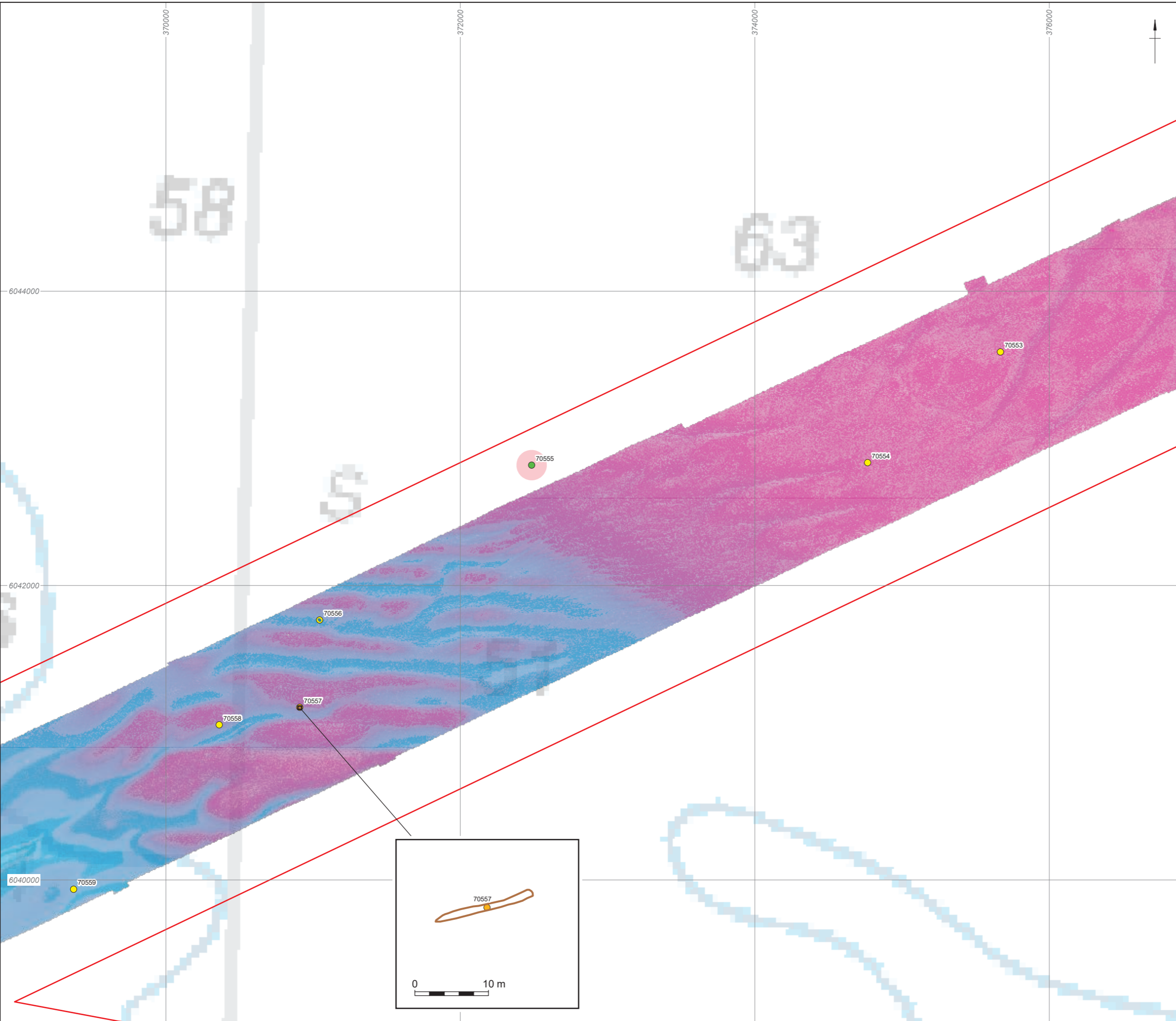


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Figure 2.30: Anomalies of archaeological potential and archaeological exclusion zones




- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
- ▭ Debris
- ▭ Seabed disturbance
- Recommended Archaeological Exclusion Zones (AEZs)**
- ▭ 100 m



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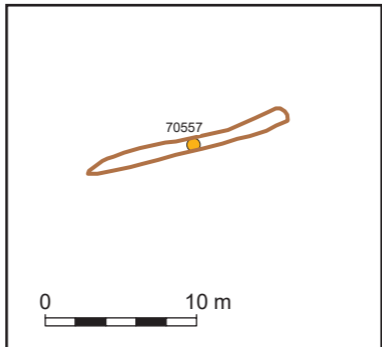
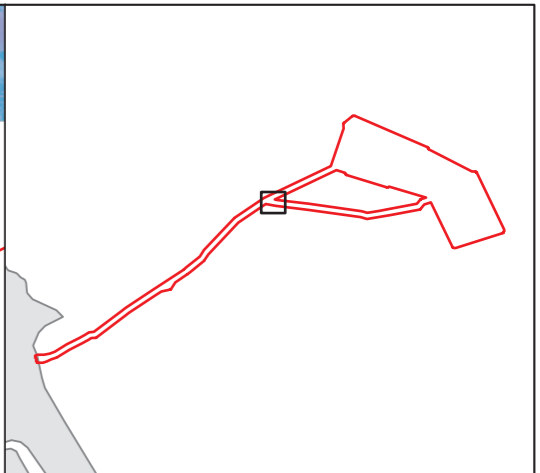
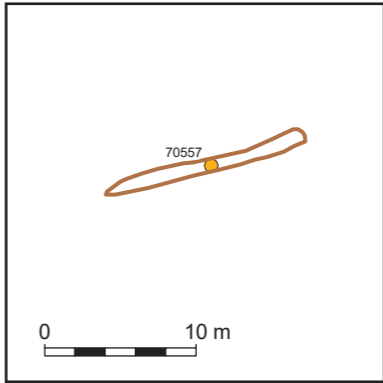
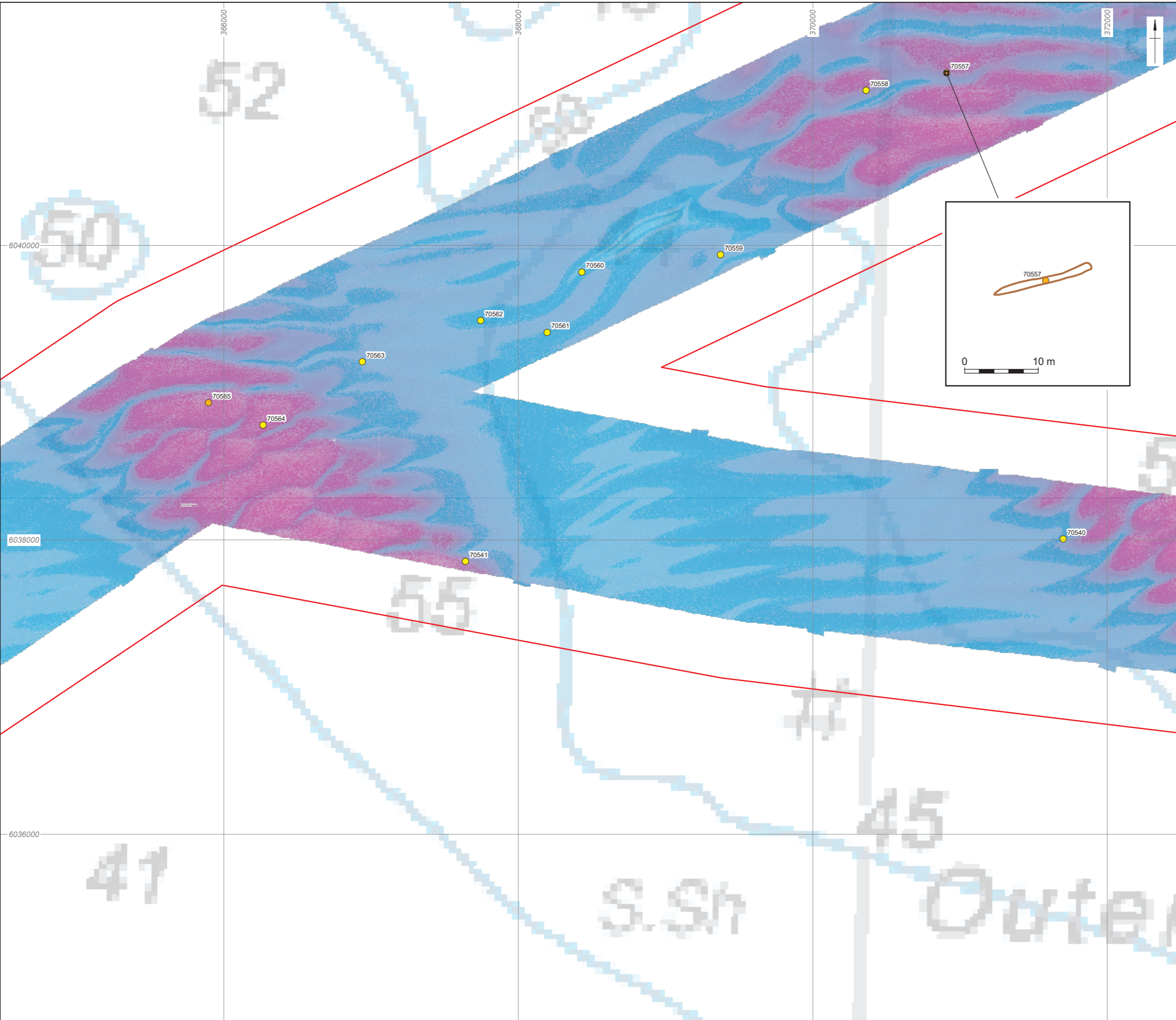


Figure 2.31: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
 - A2_h – Anomaly of likely anthropogenic origin but of unknown date
 - A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
 - ▭ Debris

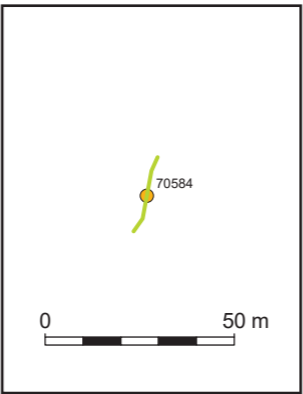
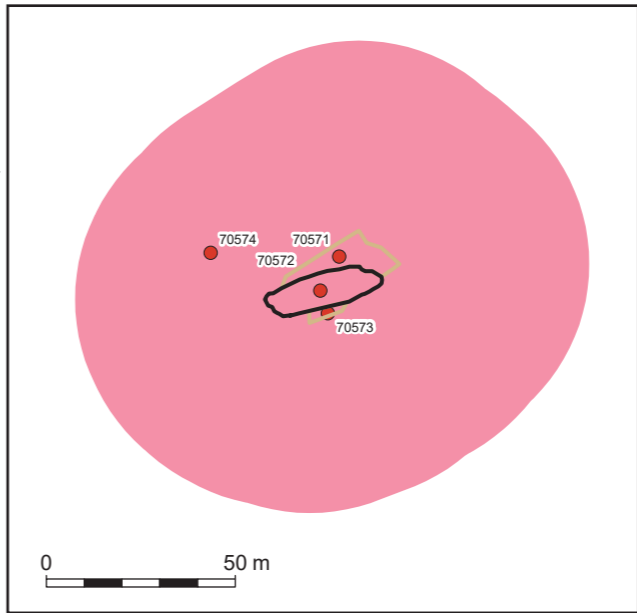
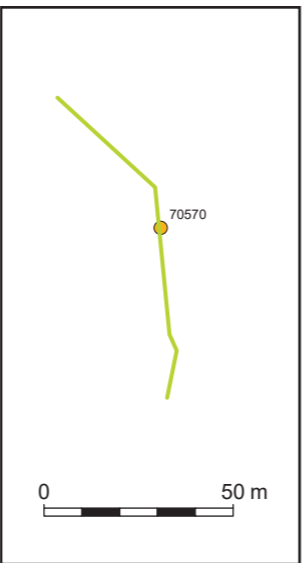
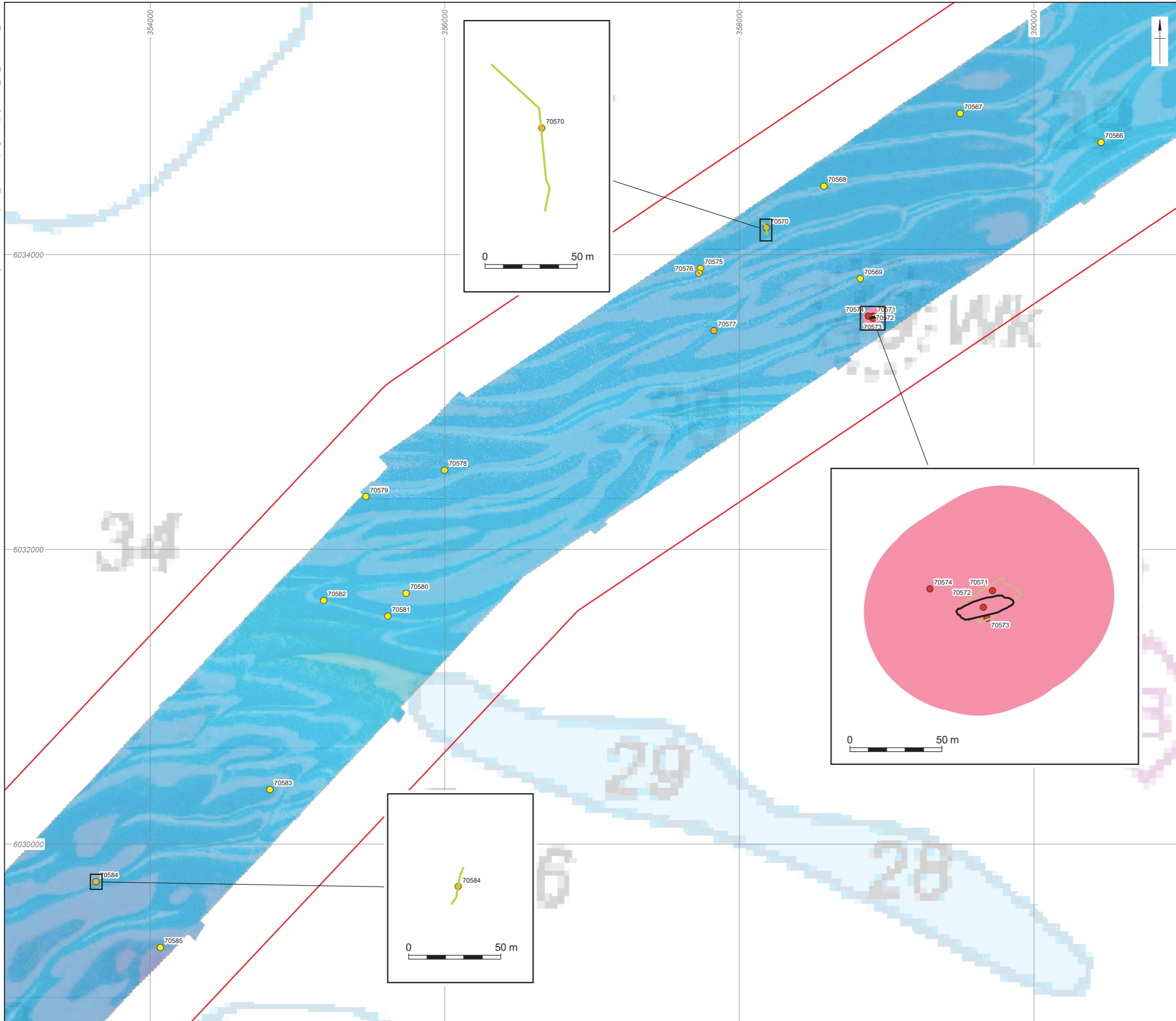


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Figure 2.32: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_h - Anomaly of likely anthropogenic origin but of unknown date
- A2_l - Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Wreck
- Debris field
- Mound
- Seabed feature boundaries**
- Linear debris
- Recommended Archaeological Exclusion Zones (AEZs)**
- 50 m

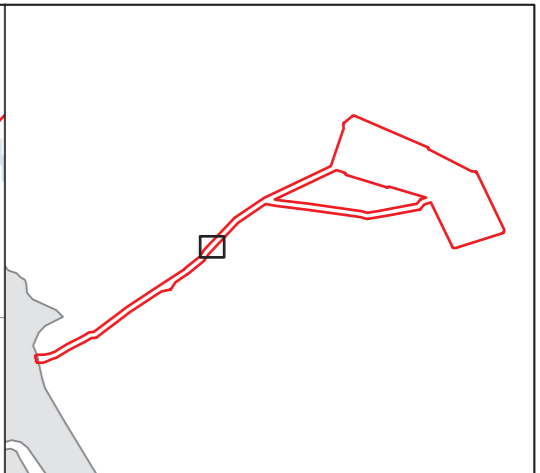
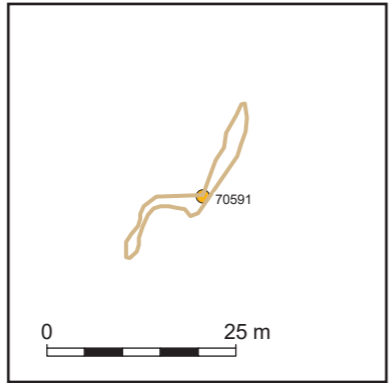
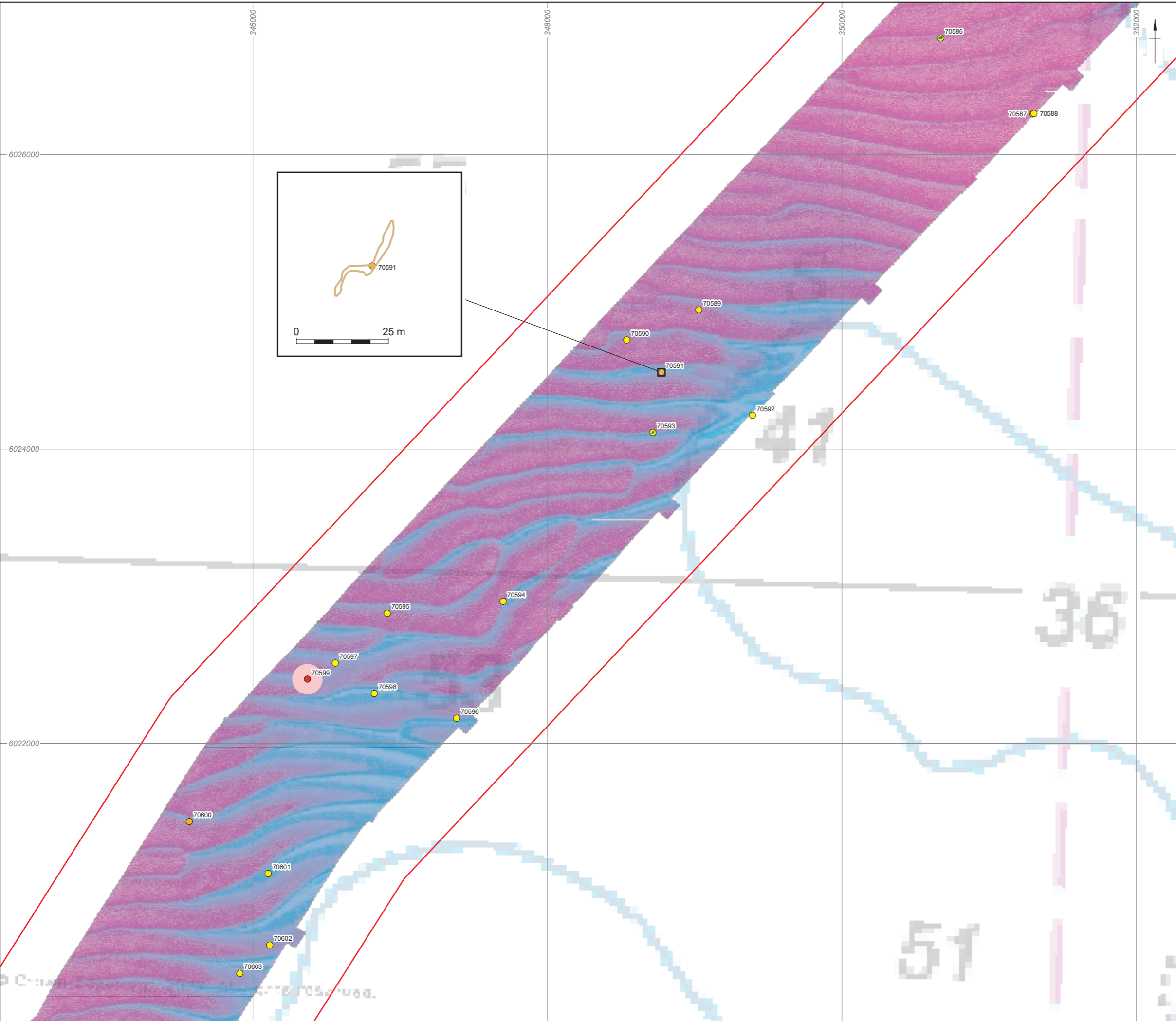


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Figure 2.33: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_h - Anomaly of likely anthropogenic origin but of unknown date
- A2_l - Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- ▭ Debris field
- ▭ Seabed disturbance
- ▭ Dark reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- ▭ 100 m

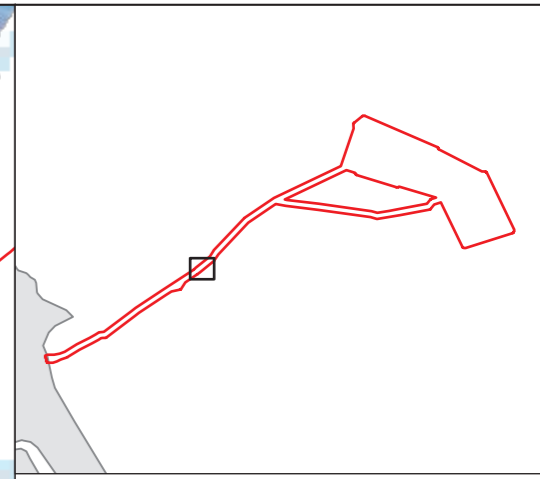
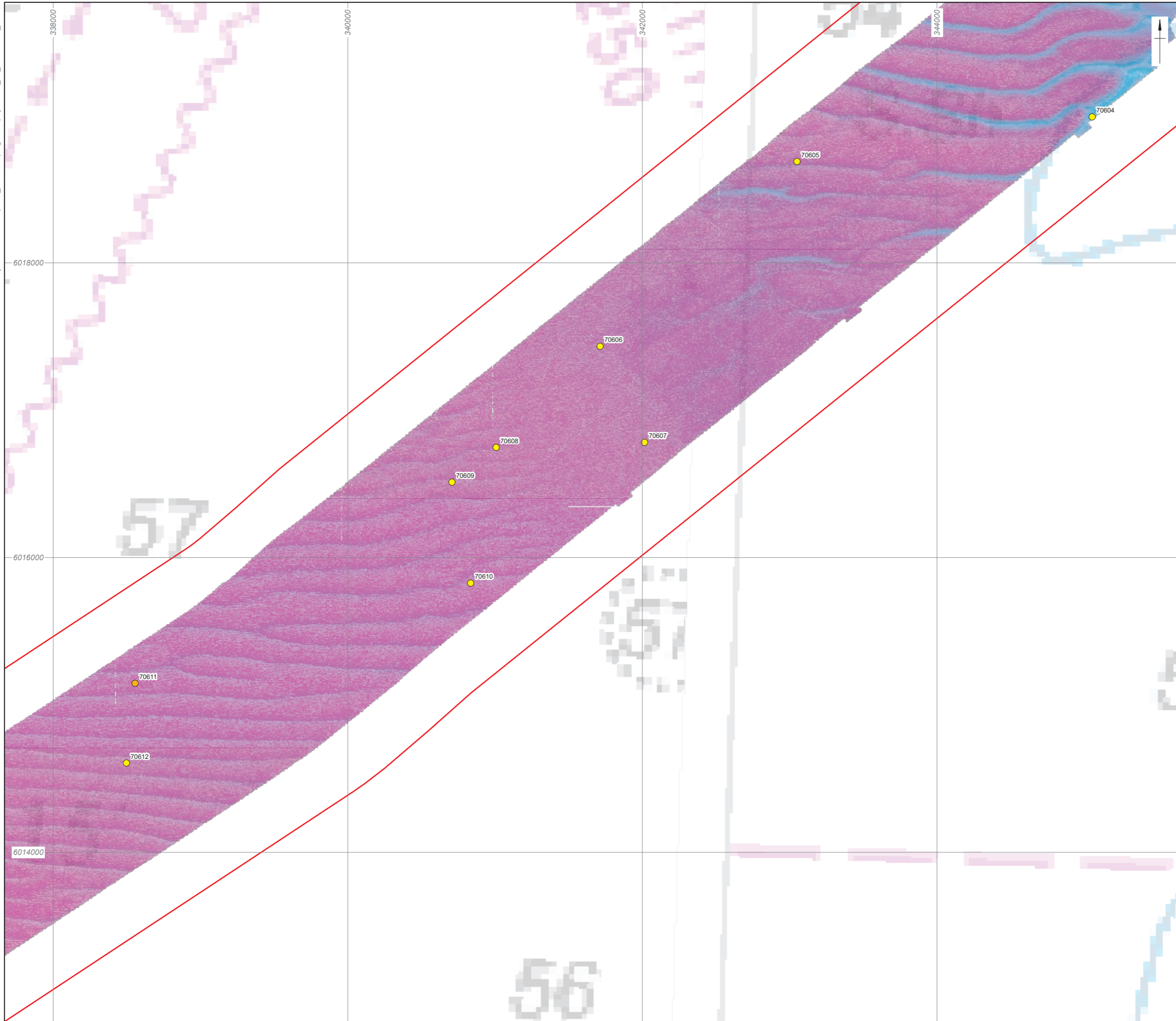


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Figure 2.34: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
 - A2_h – Anomaly of likely anthropogenic origin but of unknown date
 - A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain

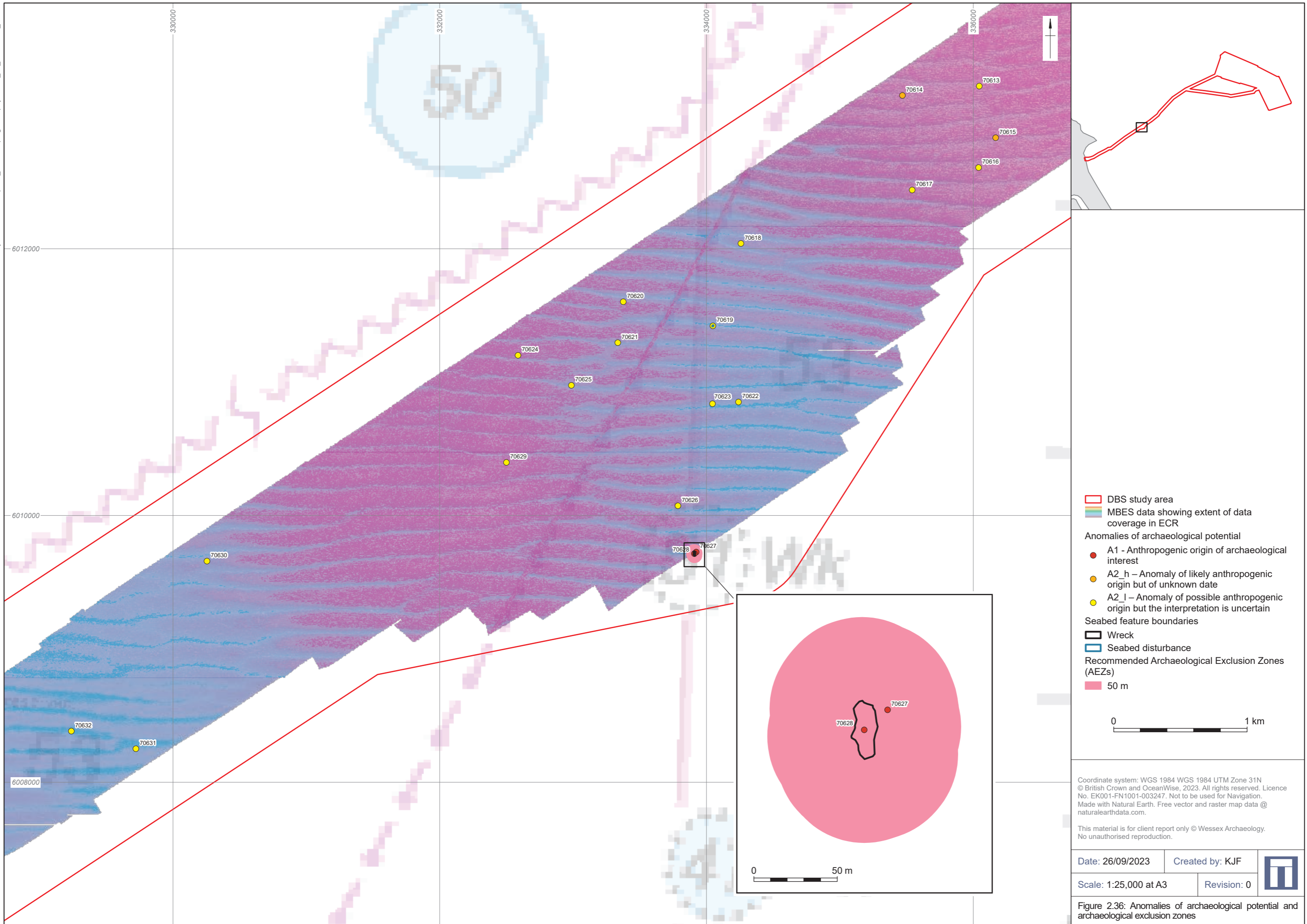


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Figure 2.35: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
 - MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
 - A2_h - Anomaly of likely anthropogenic origin but of unknown date
 - A2_l - Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Wreck
 - Seabed disturbance
- Recommended Archaeological Exclusion Zones (AEZs)**
- 50 m

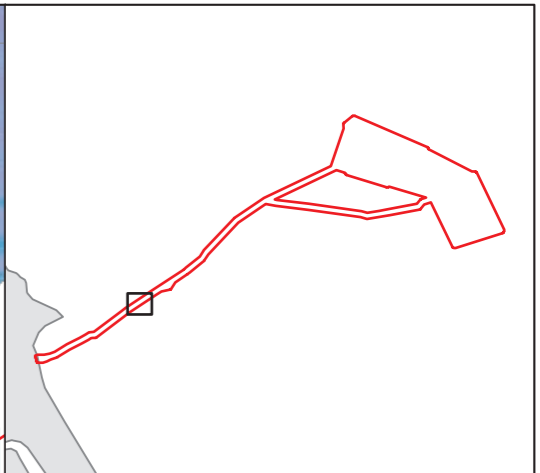
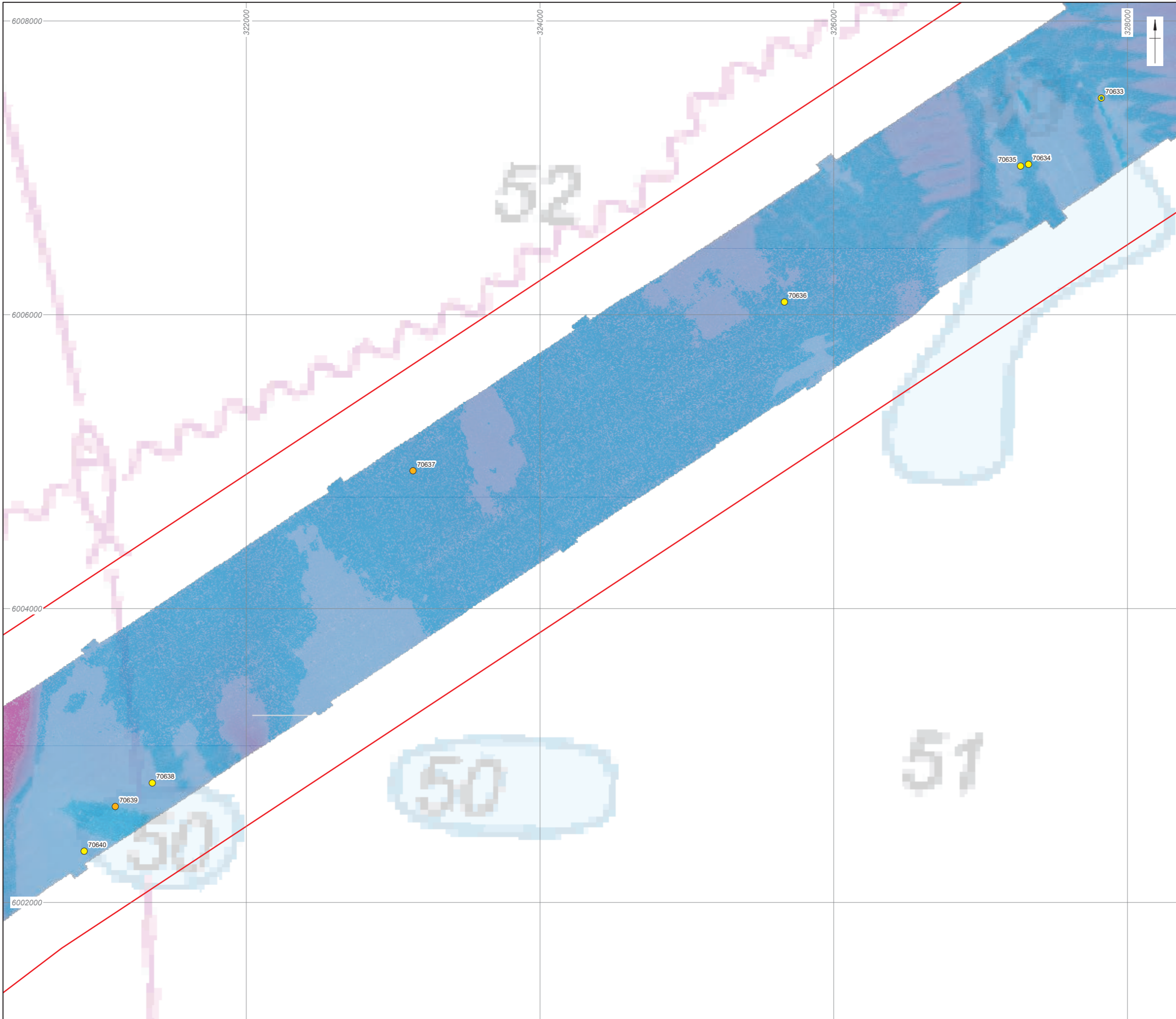
0 1 km

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Figure 2.36: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Seabed disturbance

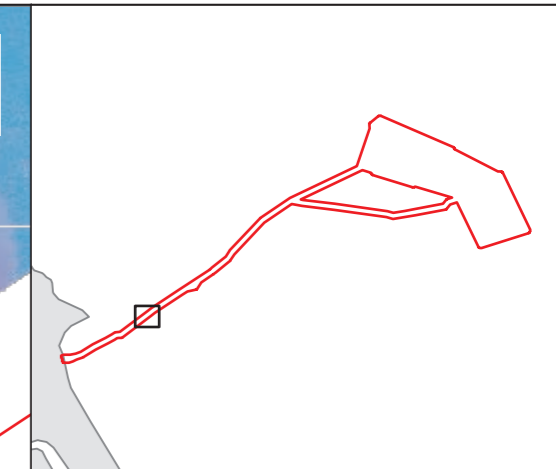
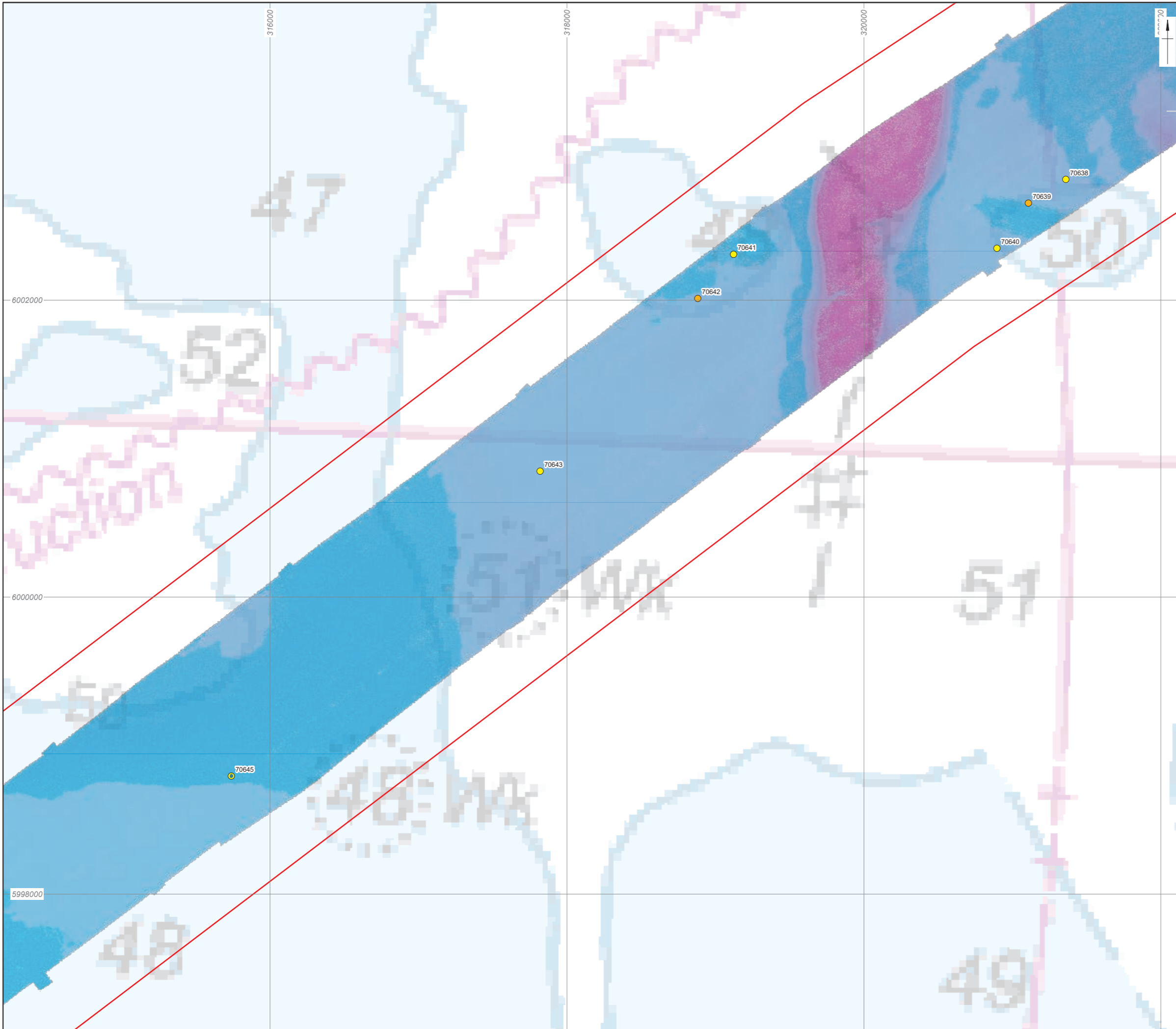


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Figure 2.37: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- MBES data showing extent of data coverage in ECR
- Anomalies of archaeological potential**
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Seabed disturbance

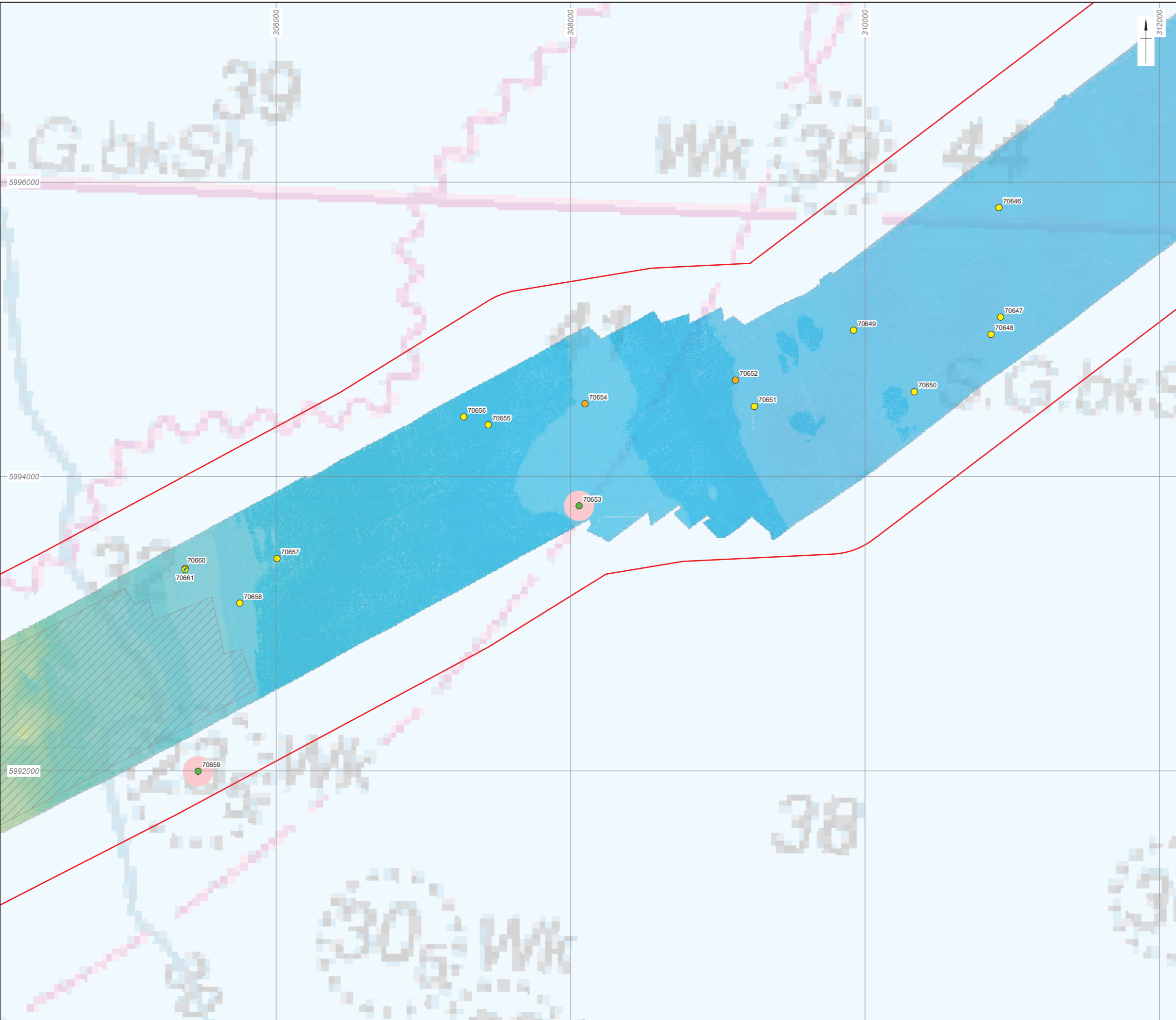


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Figure 2.38: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- Area with no SSS or Mag. coverage
- Anomalies of archaeological potential**
 - A2_h – Anomaly of likely anthropogenic origin but of unknown date
 - A2_I – Anomaly of possible anthropogenic origin but the interpretation is uncertain
 - A3 – Historic record of possible archaeological interest with no corresponding geophysical anomaly
- Seabed feature boundaries**
 - Dark reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
 - ▭ 100 m



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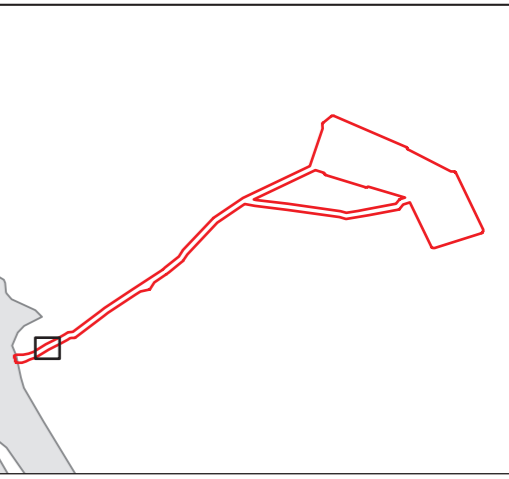
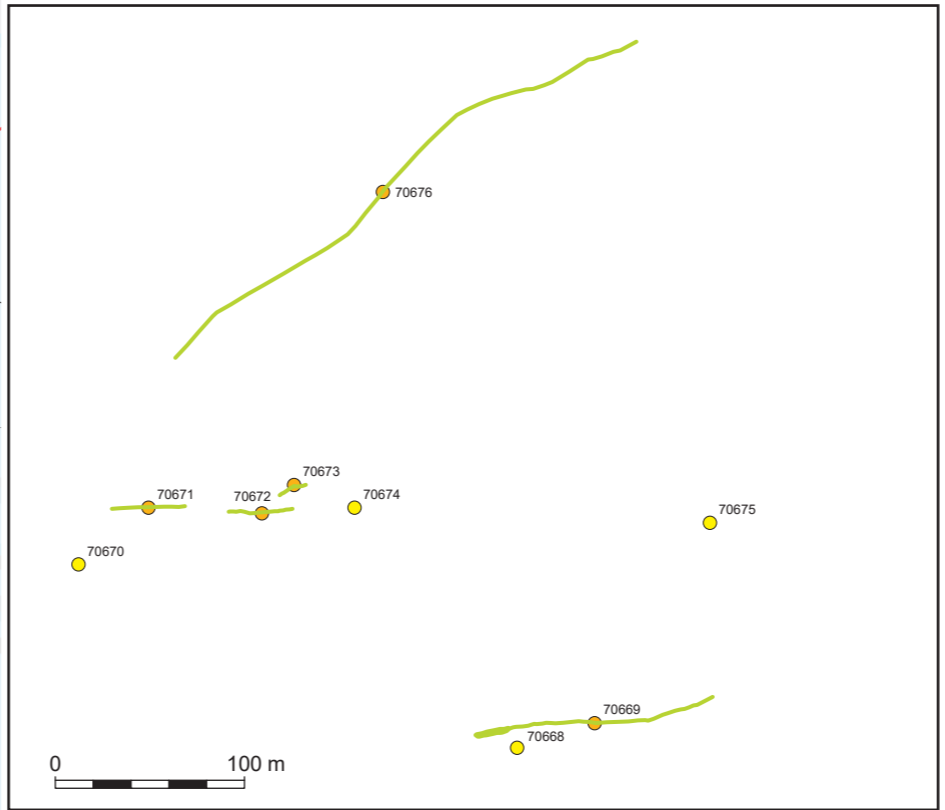
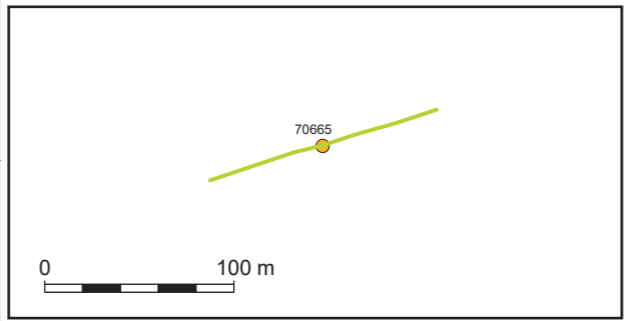
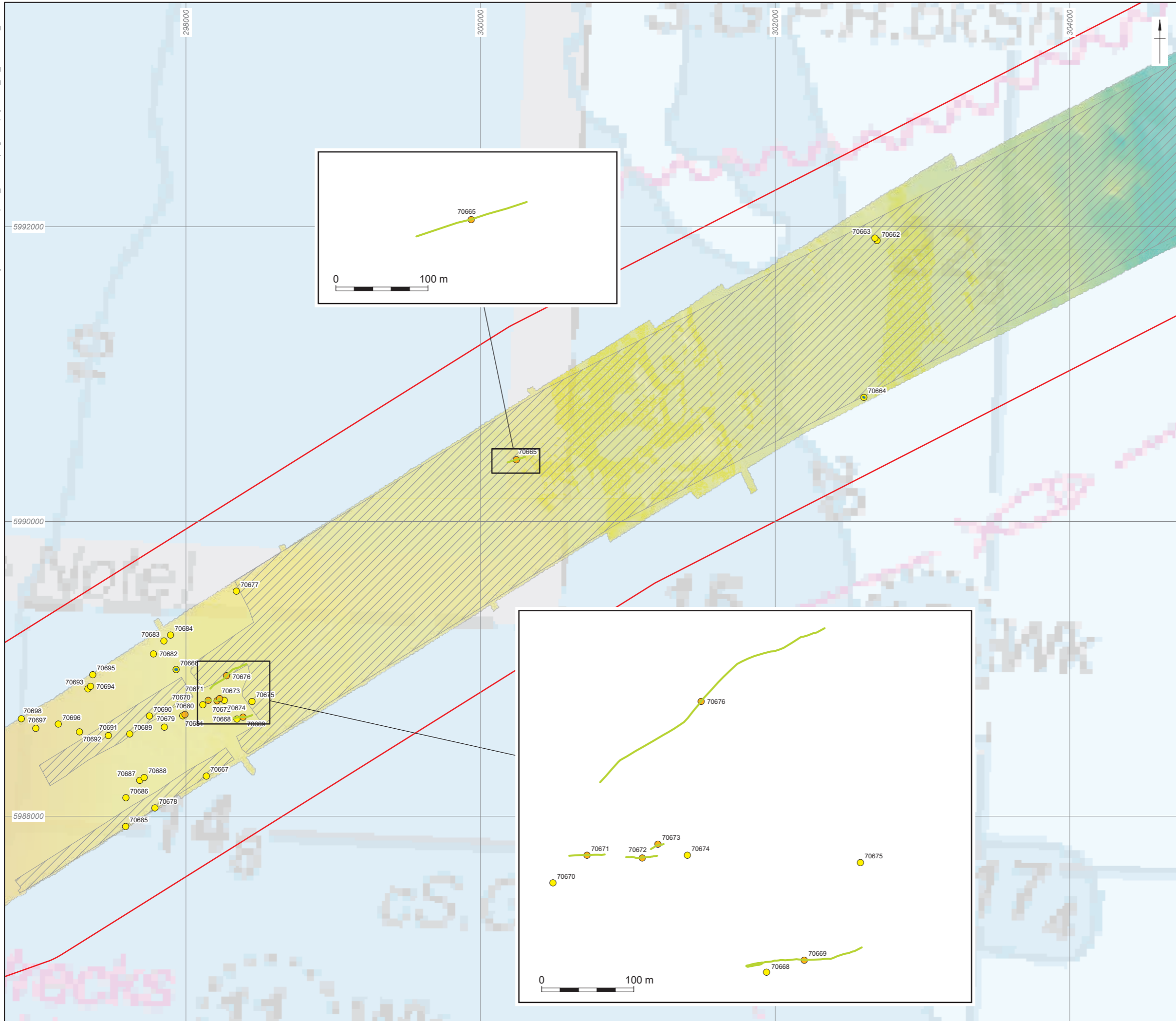
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Scale: 1:25,000 at A3	Revision: 0	

Figure 2.39: Anomalies of archaeological potential and archaeological exclusion zones



- ▭ DBS study area
- ▭ MBES data showing extent of data coverage in ECR
- ▭ Area with no SSS or Mag. coverage
- Anomalies of archaeological potential
 - A2_h – Anomaly of likely anthropogenic origin but of unknown date
 - A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries
 - Seabed disturbance
 - Linear debris

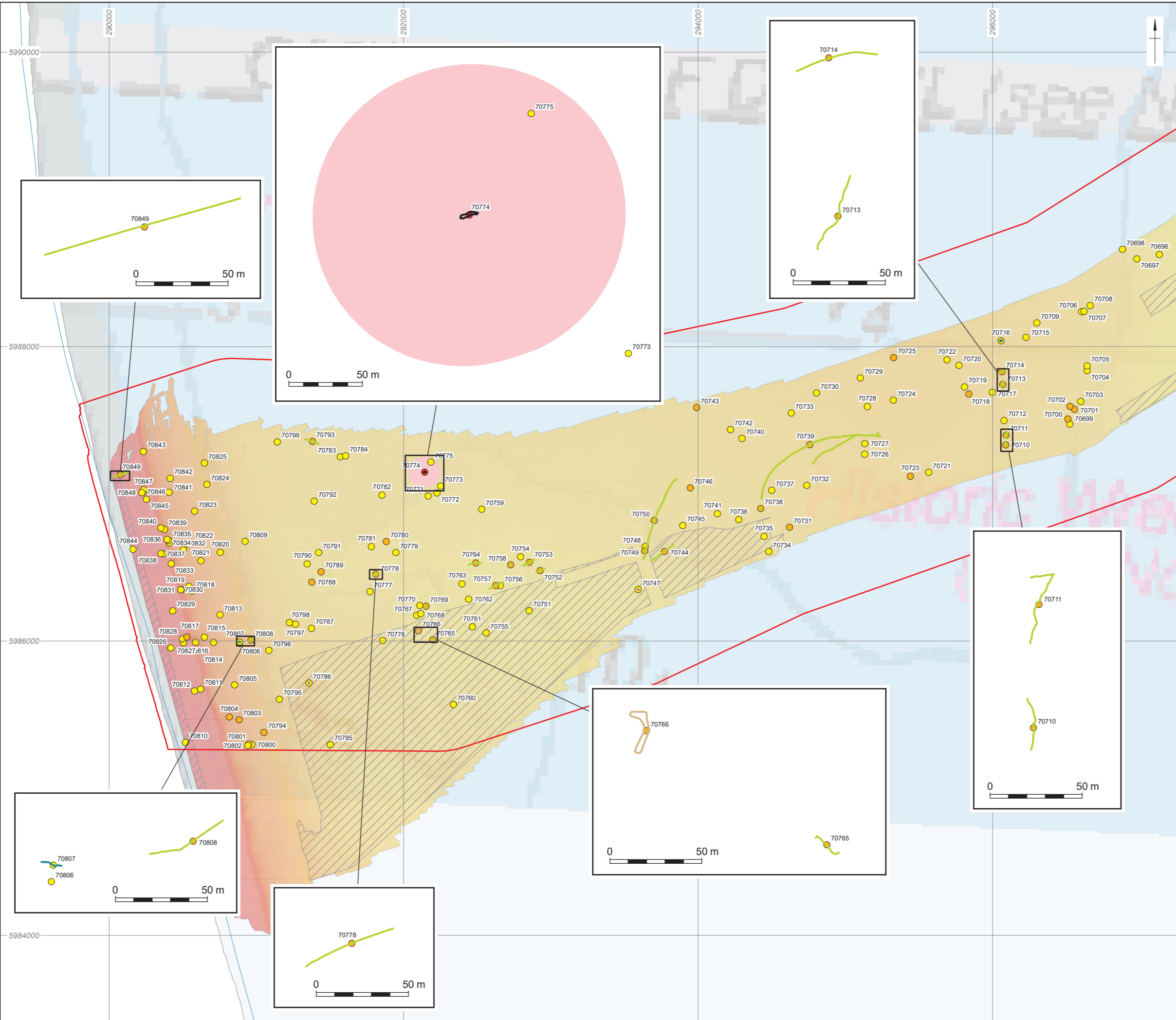


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Figure 2.40: Anomalies of archaeological potential and archaeological exclusion zones



- DBS study area
- MBES data showing extent of data coverage in ECR
- Area with no SSS or Mag. coverage
- Anomalies of archaeological potential**
- A1 - Anthropogenic origin of archaeological interest
- A2_h – Anomaly of likely anthropogenic origin but of unknown date
- A2_l – Anomaly of possible anthropogenic origin but the interpretation is uncertain
- Seabed feature boundaries**
- Wreck
- Debris field
- Mound
- Seabed disturbance
- Seabed feature boundaries**
- Linear debris
- Dark reflector
- Recommended Archaeological Exclusion Zones (AEZs)**
- 100 m

0 1 km

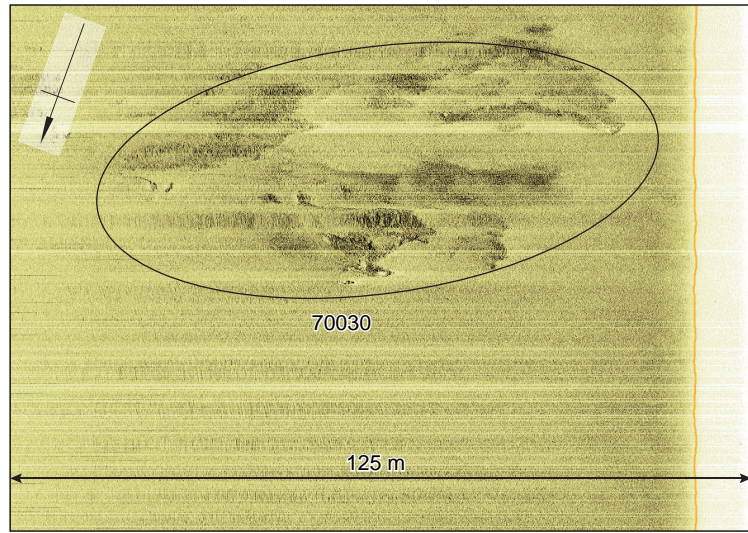
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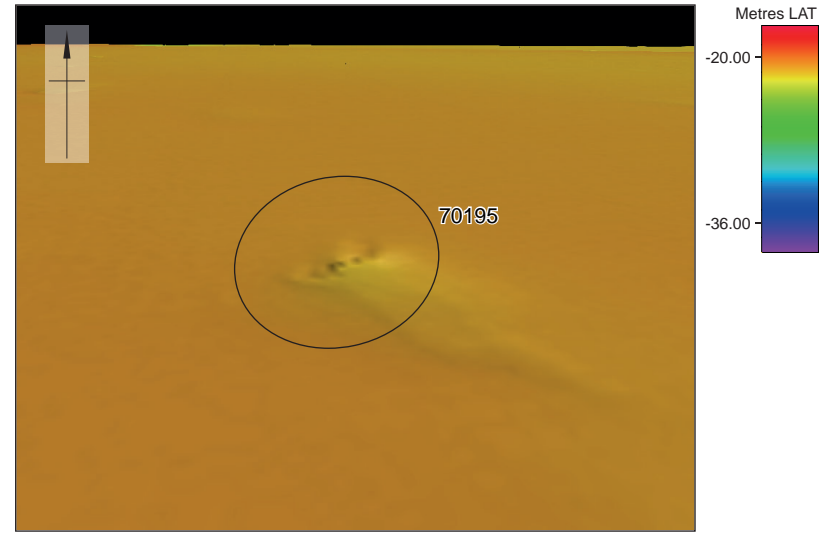
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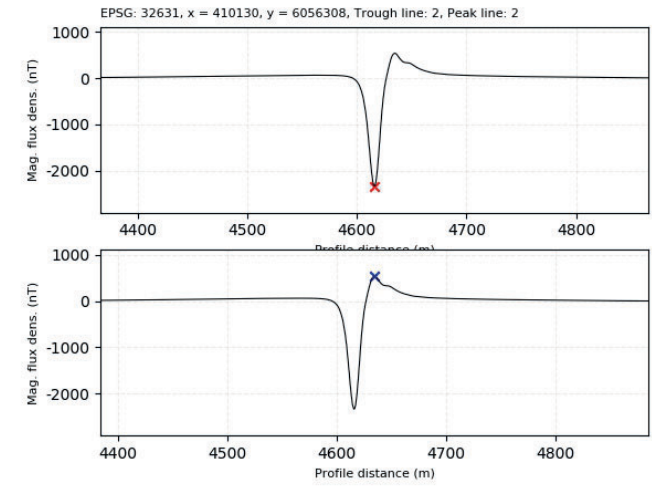
Figure 2.41: Anomalies of archaeological potential and archaeological exclusion zones



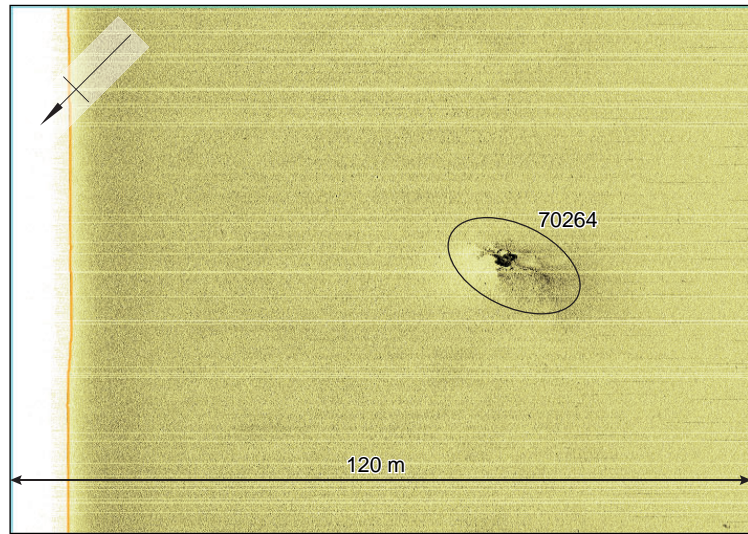
Sidescan sonar waterfall image of debris field **70030**, measuring 96.2 x 30.1 x 0.2 m.



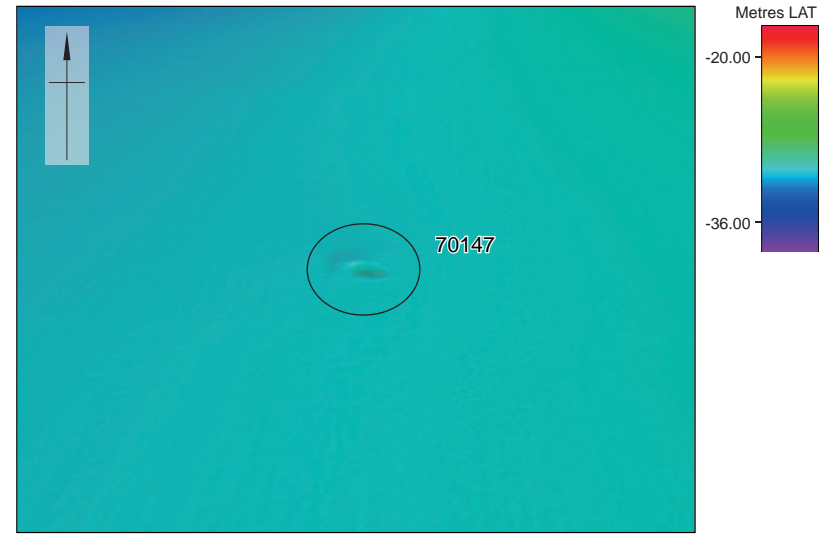
Multibeam echosounder image of seabed disturbance **70195**, measuring 14.5 x 7.0 x 0.5 m (x1 vertical exaggeration)



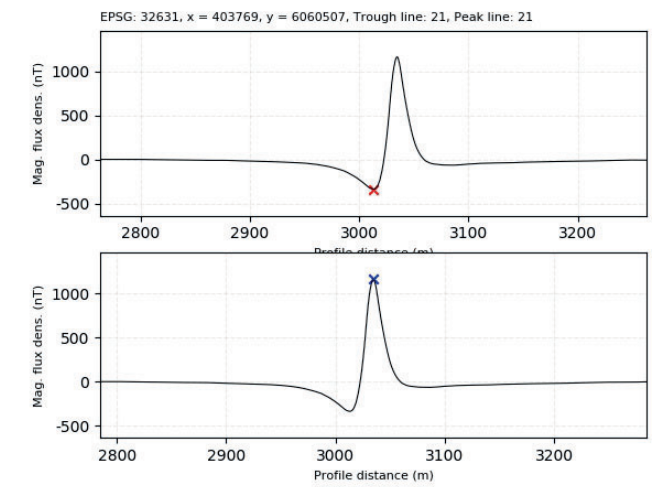
Profile image of magnetic anomaly **70267**, measuring 2865 nT



Sidescan sonar waterfall image of debris item **70264**, measuring 5.1 x 3.6 x 1.7 m



Multibeam echosounder image of mound **70147**, measuring 22.0 x 14.2 x 0.8 m (x1 vertical exaggeration)



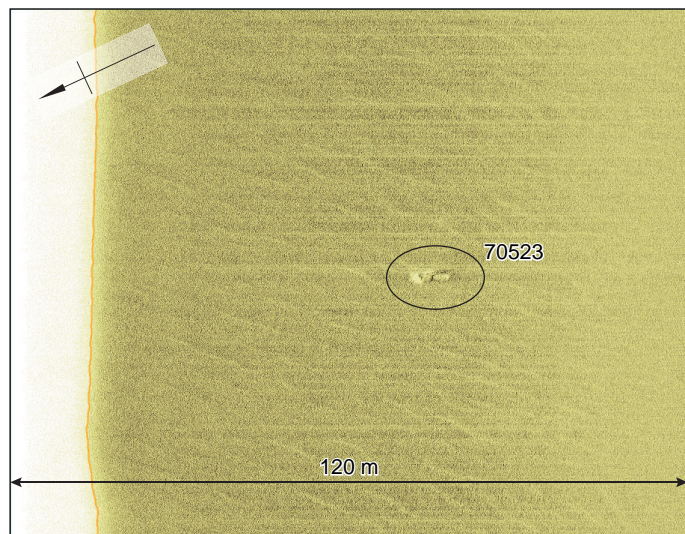
Profile image of magnetic anomaly **70299**, measuring 1501 nT

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Figure 3: Data Examples from Array datasets

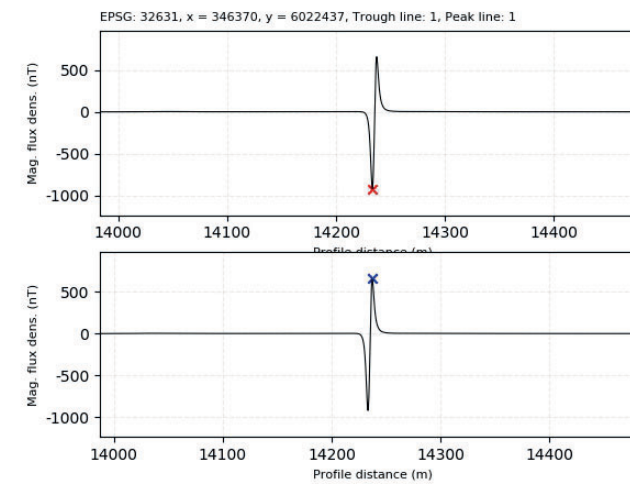




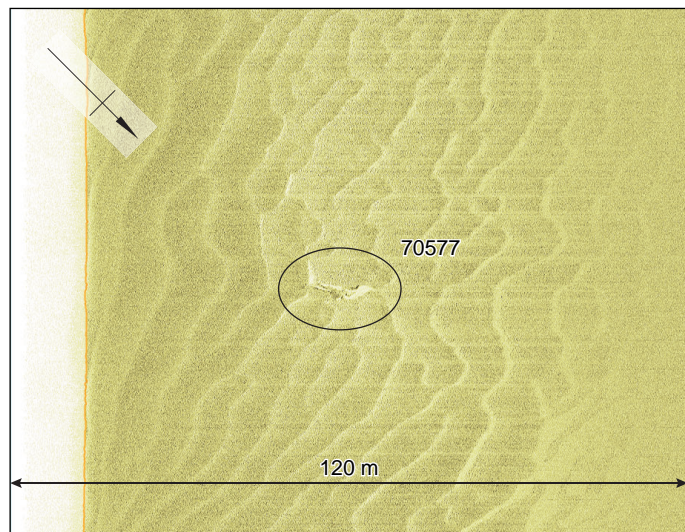
Sidescan sonar waterfall image of seabed disturbance **70523**, measuring 6.7 x 5.4 x 0.6 m



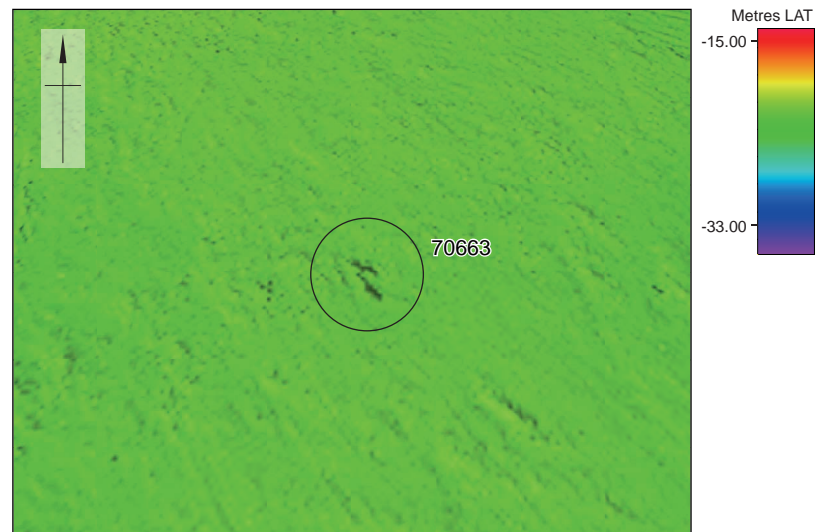
Multibeam echosounder image of dark reflector **70636**, measuring 5.4 x 1.6 x 0.5 m (x1 vertical exaggeration)



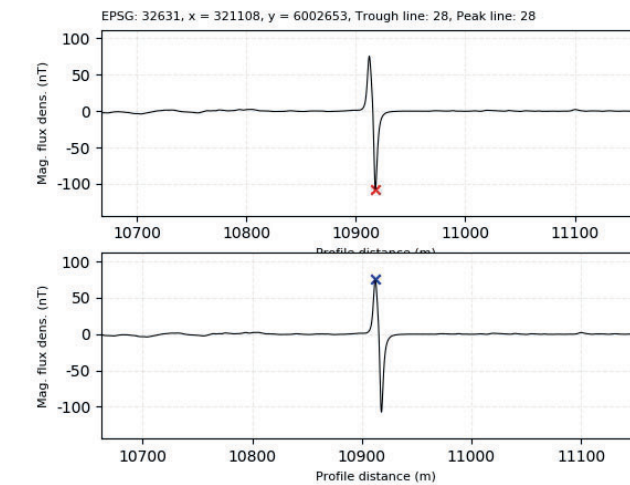
Profile image of magnetic anomaly **70599**, measuring 1575 nT



Sidescan sonar waterfall image of debris field **70577**, measuring 9.7 x 8.7 x 0.6 m



Multibeam echosounder image of seabed disturbance **70663**, measuring 7.2 x 3.4 x 0.4 m (x1 vertical exaggeration)



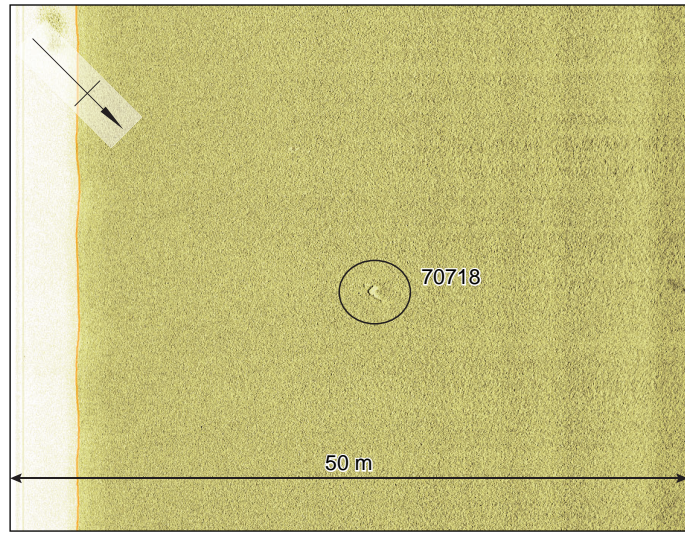
Profile image of magnetic anomaly **70639**, measuring 183 nT

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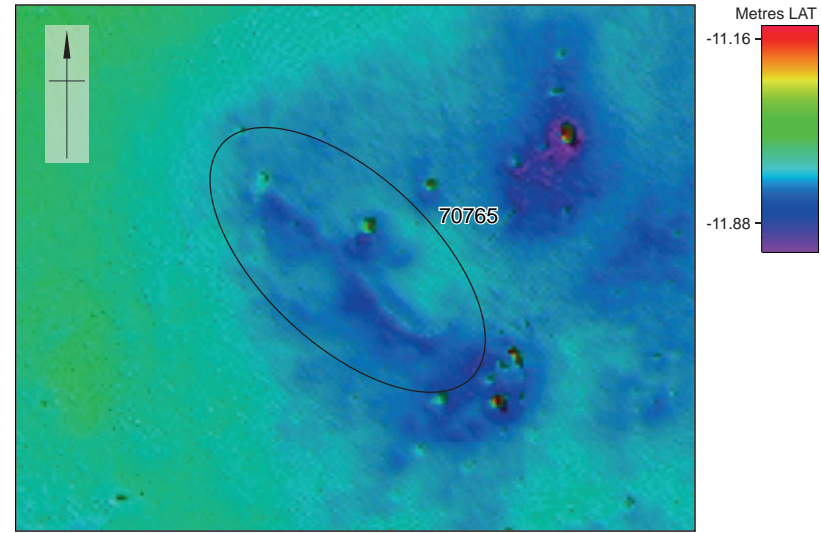
Date: 22/09/2023 Created by: KJF Revision: 0 Scale: NTS at A3

Figure 4: Data Examples from ECR datasets

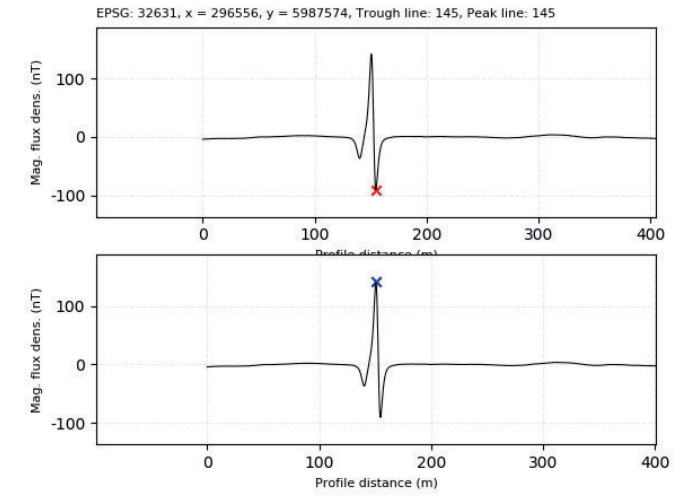




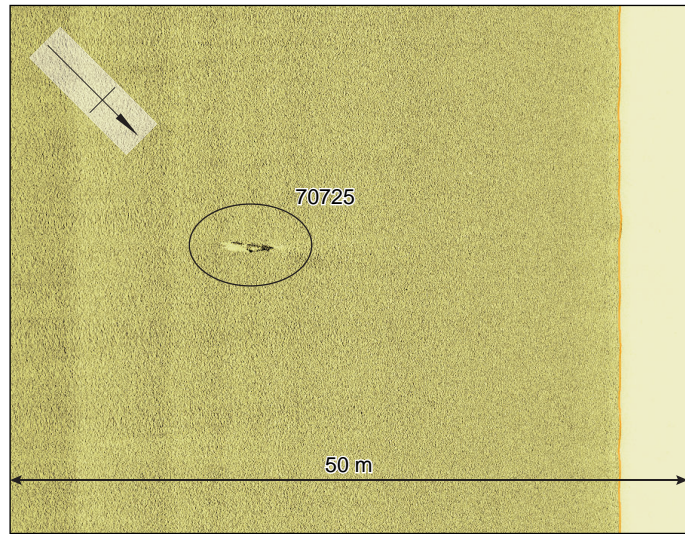
Sidescan sonar waterfall image of debris **70718**, measuring 4.0 x 0.2 x 0.1 m



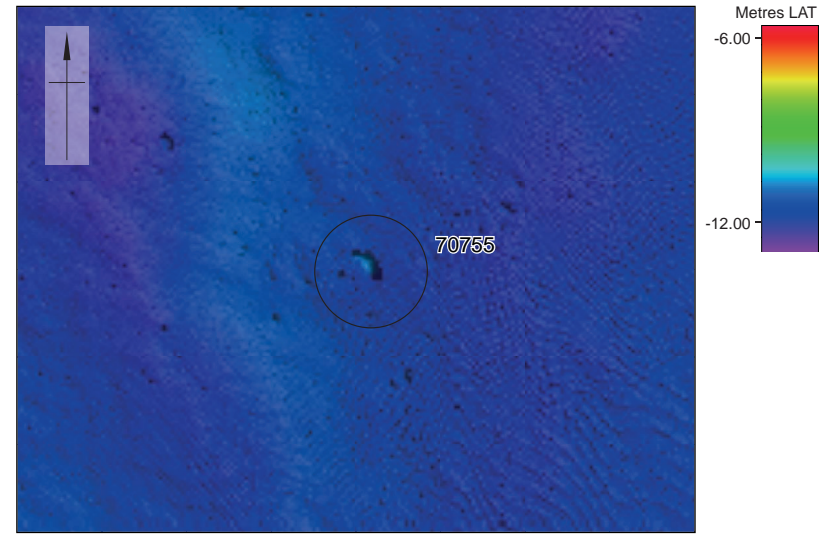
Multibeam echosounder image of linear debris **70765**, measuring 17.3 x 0.9 x 0.1 m (x1 vertical exaggeration)



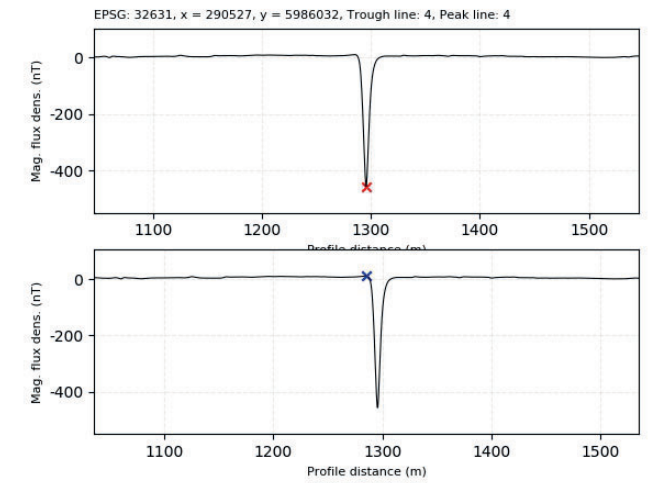
Profile image of magnetic anomaly **70701**, measuring 232 nT



Sidescan sonar waterfall image of debris **70725**, measuring 3.1 x 2.2 x 0.4 m



Multibeam echosounder image of mound **70755**, measuring 2.6 x 1.1 x 0.7 m (x1 vertical exaggeration)



Profile image of magnetic anomaly **70817**, measuring 467 nT

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Figure 5: Data Examples from Nearshore datasets



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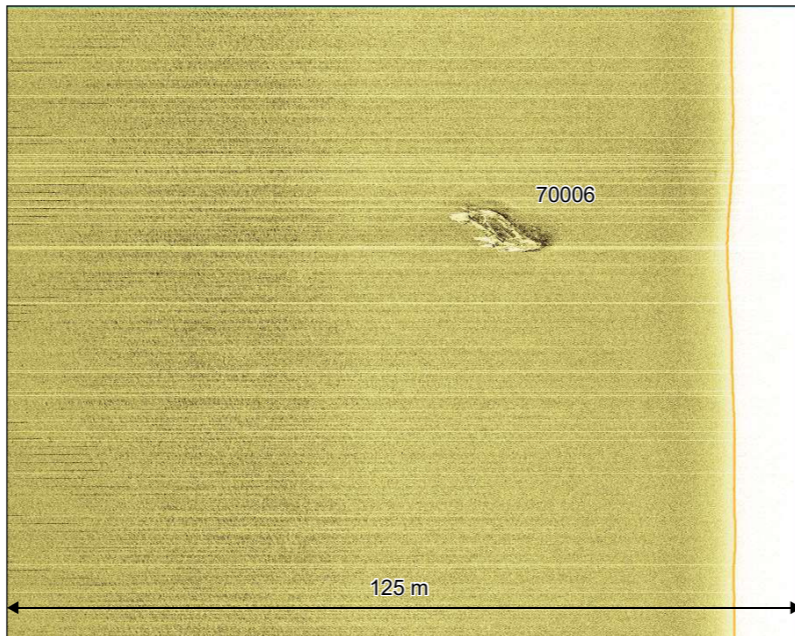
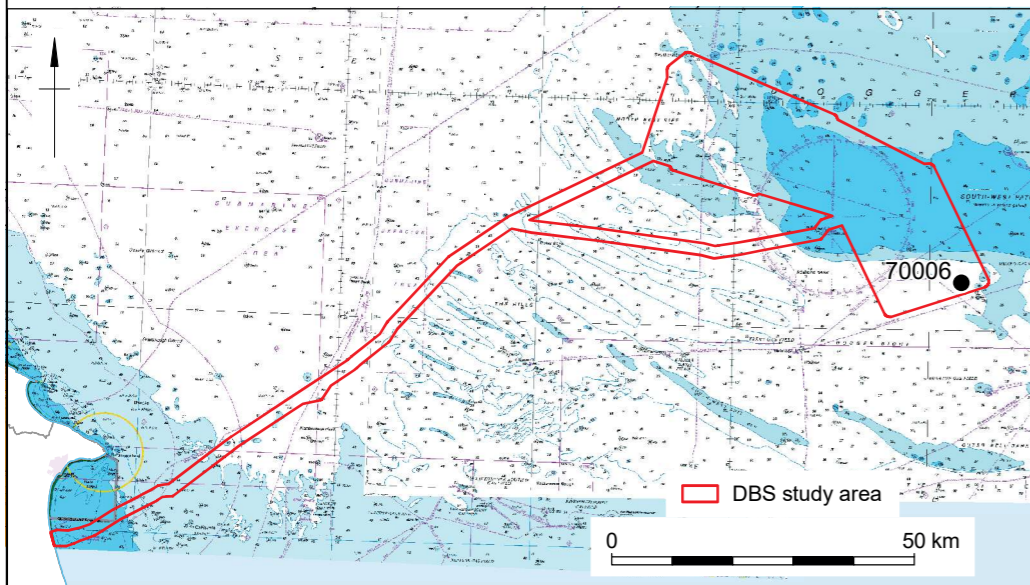
Location	440339 E 6028771 N	Area	Block 22
Archaeological Importance	High		
Geophysical survey dimensions and notes	<p>70006 is a wreck situated in Block 22, in the south-eastern portion of the array. It lies on an approximate north-west to south-east alignment. The wreck has no associated UKHO record, suggesting it is previously unrecorded.</p> <p>In the SSS data, it is visible as a curvilinear dark reflector which appears to have internally indistinct angular and sub-angular dark reflectors, which form an ovoid shape that casts an uneven shadow. Within the wreck, some linear and angular dark reflectors are visible, likely representing surviving deck structure. The observed extent of the wreck measures 23.3 x 12.6 x 0.9 m.</p> <p>There is a small magnetic response of 42 nT associated with the wreck, on the closest Mag. profile which is located 60 m east.</p> <p>In the MBES data it is visible as a sub-angular elongate anomaly with a distinct mound in the north measuring 9.3 x 7.6 x 0.4 m and a mound in the south measuring 7.3 x 5.0 x 0.2 m, with a depression between measuring 9.7 x 2.9 x -0.2 m. It appears to be surrounded by scour measuring 34.9 x 22.5 x -0.5 m.</p>		

Build	Type	Unknown
	Construction	Unknown
	Dimensions (m)	Unknown
	Shipyard	Unknown
Loss	Cause	Unknown

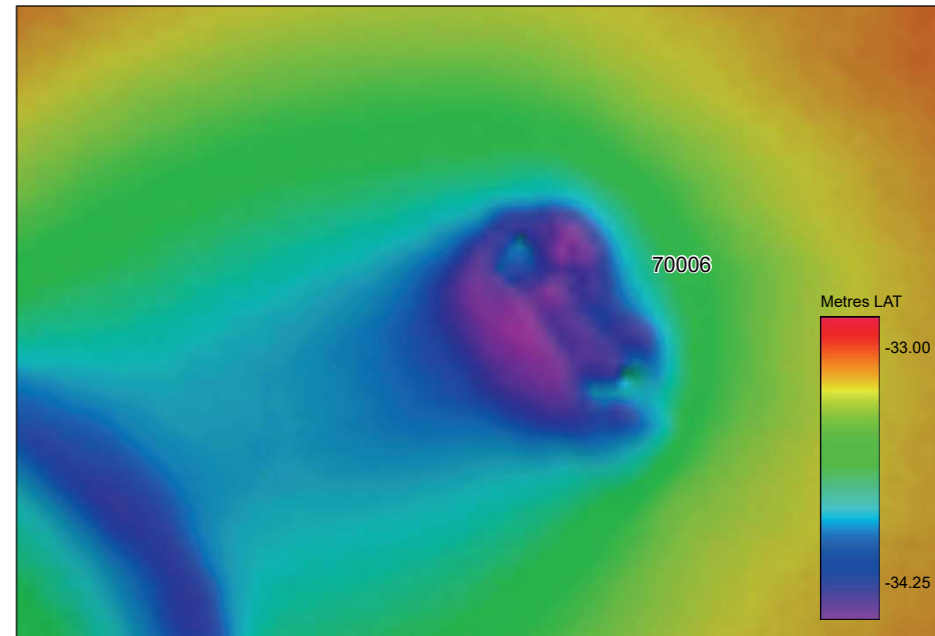
Extent of Survival

This wreck is an unknown wreck with no associated UKHO record so there is no information on previous appearance or extent of survival. Fugro report that it is possibly the known wreck of a small vessel, as it is 450 m south of a known location in their database.

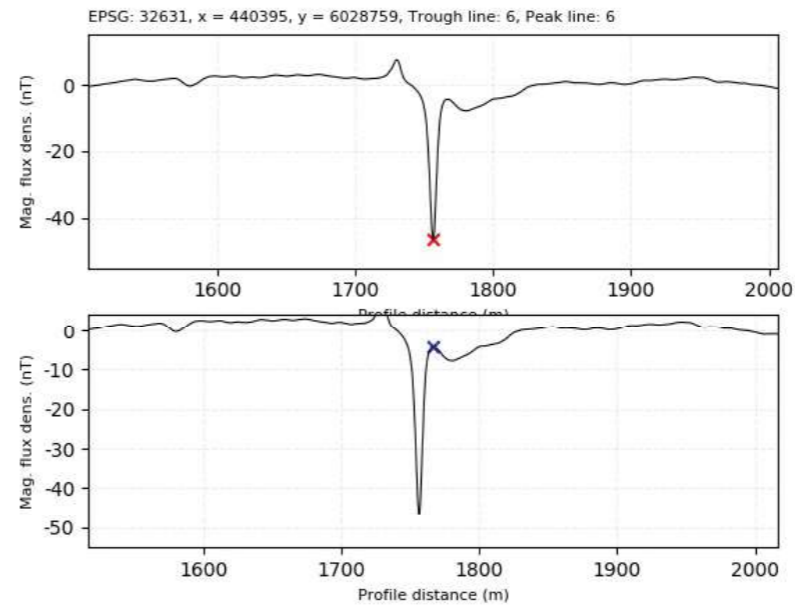
In the geophysical data the wreck appears isolated and mostly coherent, with the hull predominantly intact and upright, situated within an area of relatively featureless seabed. Some internal reflectors point to some of the deck structure still being intact. The north-eastern end is the exception, where it is disjointed and there is evidence of collapse, with some small dark reflectors visible outside the interpreted hull.



Sidescan sonar waterfall image, 125 m range per channel



Multibeam echosounder grid image, x1 vertical exaggeration, looking north



Profile image of magnetic anomaly associated with **70006**, measuring 42 nT

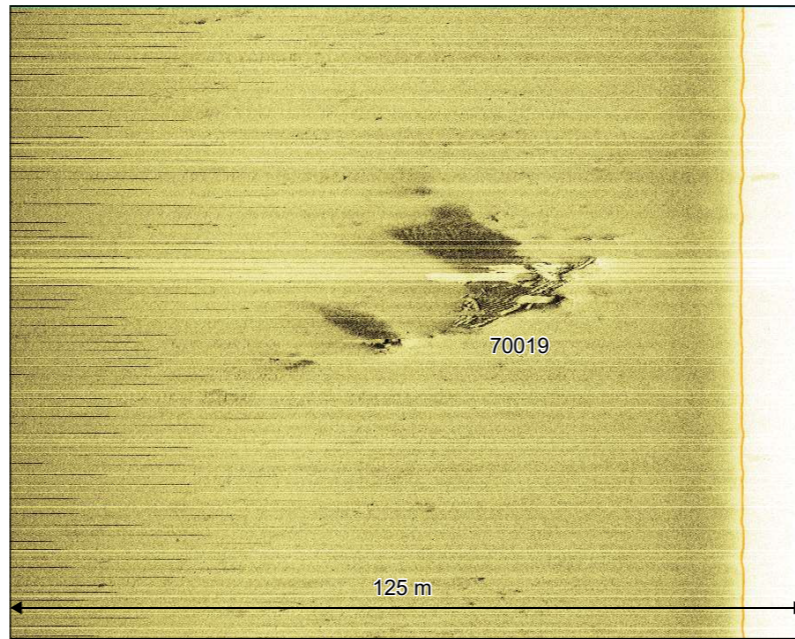
Coordinate system: WGS84 UTM31N
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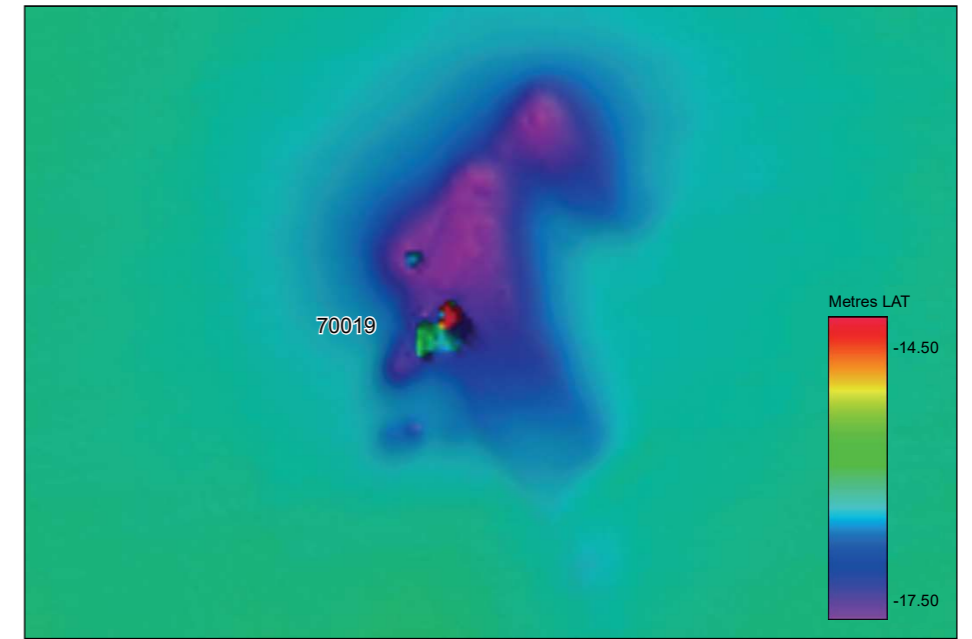


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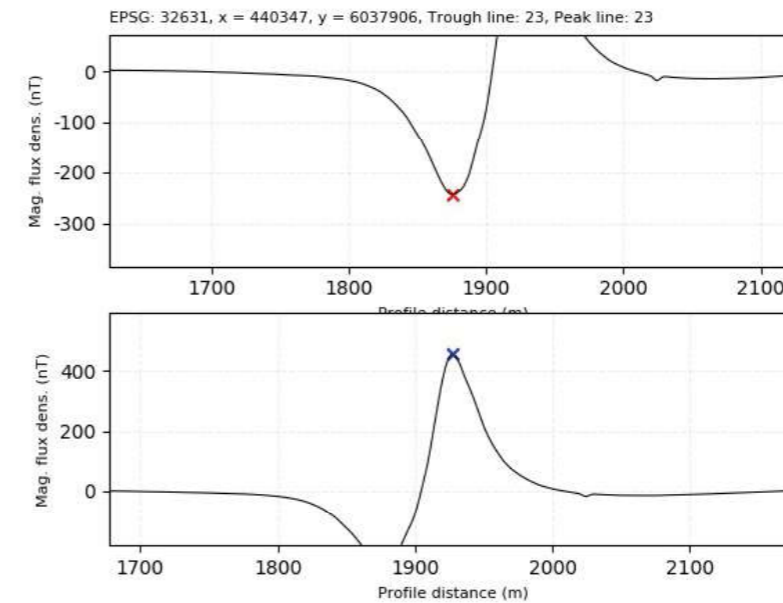
Location	440388 E 6037926 N	Area	Block 22
Archaeological Importance	High		
Geophysical survey dimensions and notes	<p>70019 is a wreck situated in Block 22 in the south-eastern portion of the array, orientated north to south. It corresponds with the charted UKHO record (6900) for a dangerous wreck.</p> <p>In the SSS data, it is visible as a distinct group of dark reflectors, with shadows and significant height. They are primarily narrow, elongate dark reflectors and some small angular objects are visible. The largest elongate object measures 15.3 x 1.2 m. The observed extent of the wreck measures 40.7 x 21.9 x 3.1 m.</p> <p>There is a large magnetic response of 699 nT associated with the wreck on the nearest Mag. profile, which is located about 30 m away, indicating the presence of ferrous material or construction.</p> <p>In the MBES data, it is visible as an area of seabed disturbance with a prominent sub-rounded mound, measuring 13.0 x 12.0 x 2.9 m. It is located with a varied area of depression, measuring 65.0 x 62.0 x -0.6 m, which may contain some smaller mounds.</p>		
	Build	Type	Steam ship
		Construction	Unknown
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss	Cause	Unknown	
Extent of Survival	<p>This wreck corresponds with UKHO 6900, discovered in 1959 and reported in 1972 to be shown on a Danish fishing chart. The wreck was dived in 1989 and found to be an old merchant vessel, well dispersed and with 'much lead pipe' found scattered on the seabed, leading to it being called 'The Lead Wreck'.</p> <p>The wreck was last surveyed in 2019 and found to be at a general depth of 16m and have dimensions of 51.7 x 21 x 2.2 m. It was reported to have an orientation of 028/208° with a scour extending to 020° (NNE) and dimensions of 15 x 15 x -0.8m. The wreck was described as mostly disintegrated with the most prominent object a round cylinder.</p> <p>The wreck appears highly degraded and somewhat dispersed in the 2022 geophysical data, with some possible superstructure surviving. Associated debris (70018 and 70020 – 70022) is located in the vicinity. The decrease in length of the wreck from the last recorded dimensions may indicate it has become more degraded since then, or that it has been subject to partial burial as a result of sediment movement.</p>		



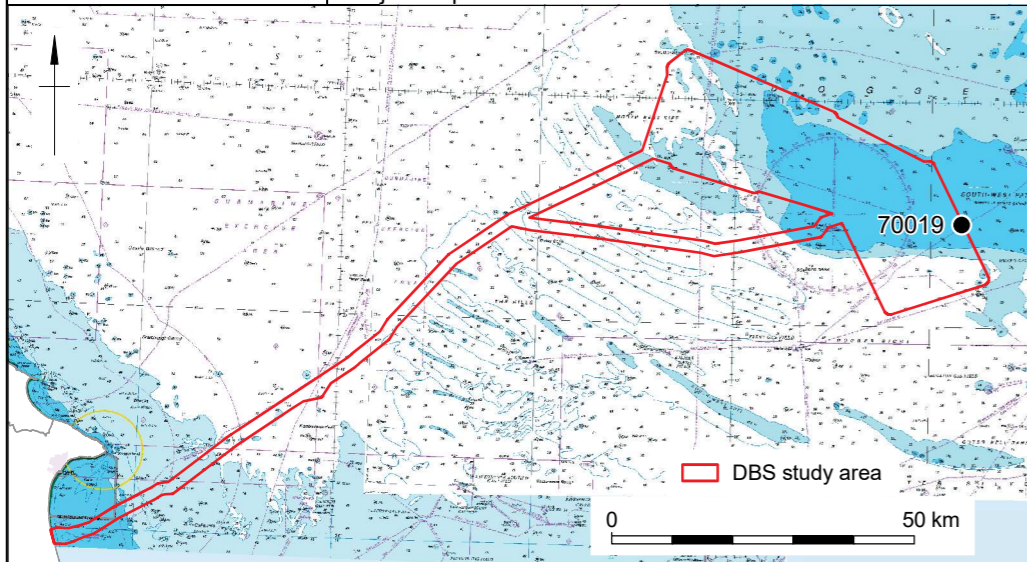
Sidescan sonar waterfall image, 125 m range per channel



Multibeam echosounder grid image, x1 vertical exaggeration, looking north



Profile image of magnetic anomaly associated with **70019**, measuring 699 nT



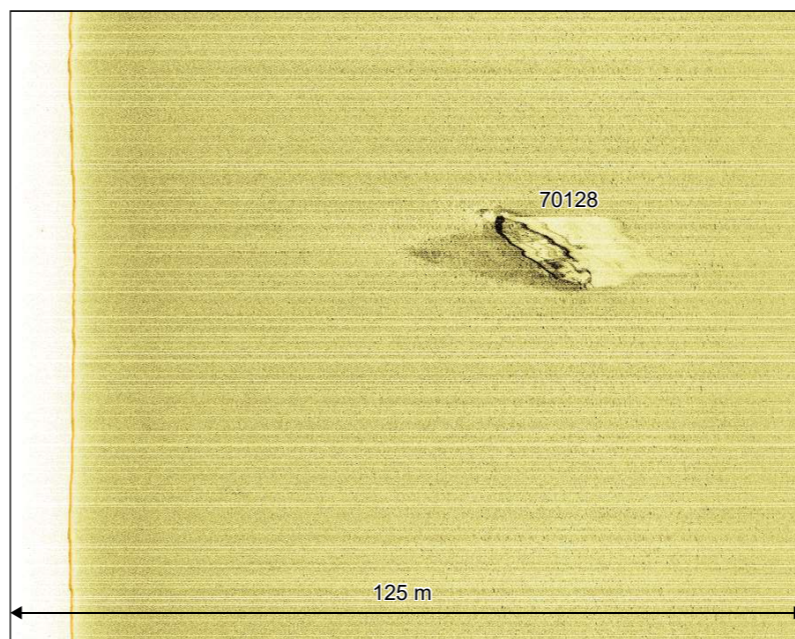
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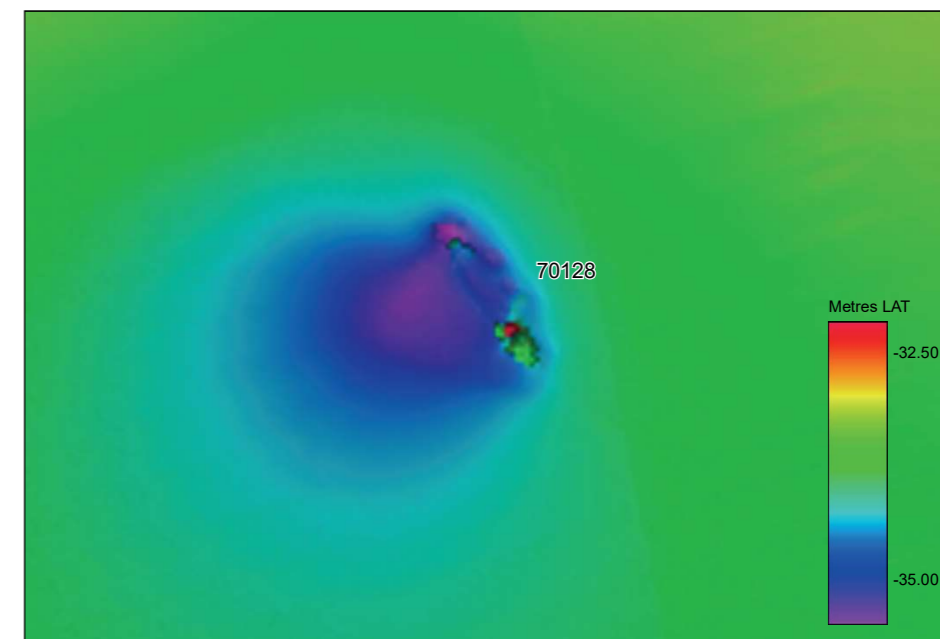


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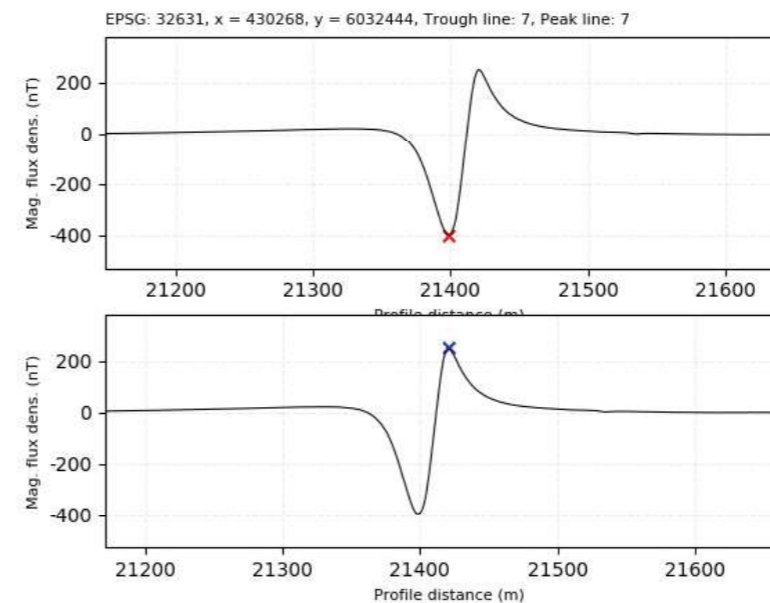
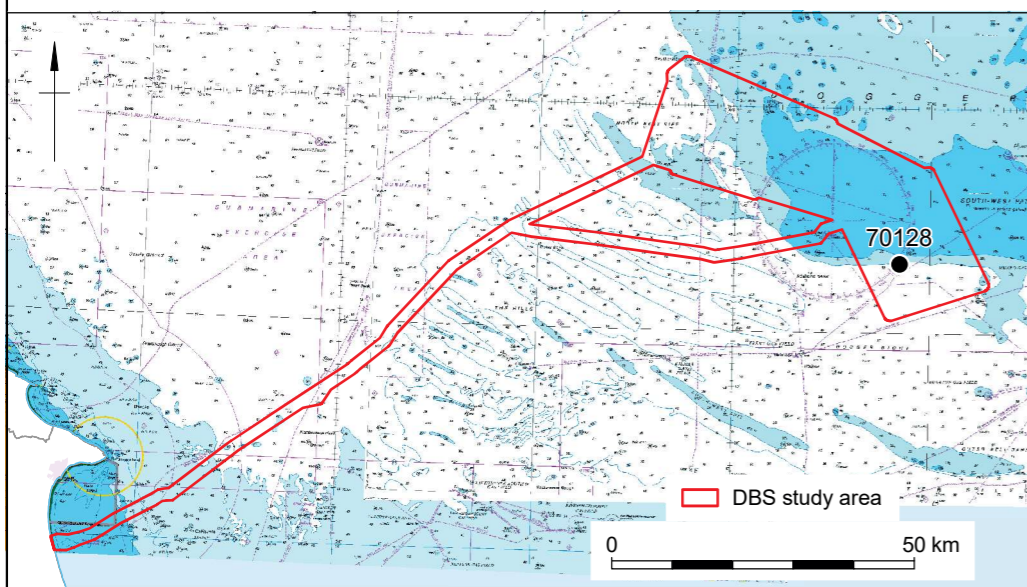
Location		430247 E 6032452 N	Area	Block 17
Archaeological Importance		High		
Geophysical survey dimensions and notes		<p>70128 is a wreck situated in Block 17, oriented north-west to south-east in the south-eastern portion of the array. It is recorded by the UKHO as a non-dangerous wreck (97864).</p> <p>In the SSS data, it is visible as a large, distinct ovoid feature with a large uneven shadow. Indistinct linear and small sub-angular dark reflectors are visible internally. The wreck is oriented north-west to south-east with the bow likely to the north-west. The observed extent of the wreck measures 32.8 x 10.9 x 2.0 m.</p> <p>There is a large magnetic response of 649 nT associated with the wreck, indicating the presence of ferrous material or construction.</p> <p>In the MBES data it is visible as elongate and upright, with upstanding areas at both ends although its south-eastern end appears to be taller. It is surrounded by irregular scour that extends to the west, measuring 42.0 x 36.0 x -0.7 m.</p>		
Build	Type	Unknown		
	Construction	Unknown		
	Dimensions (m)	Unknown		
	Shipyard	Unknown		
Loss	Cause	Unknown		
Extent of Survival		<p>The record for UKHO 97864 states that the wreck was both discovered and last examined in July 2021, on consecutive days. It was recorded at a general depth of 33 or 34 m and has dimensions of 33.3 x 7.4 x 2.1 m and an orientation of 325/145°. The wreck is recorded as being intact, but sinking into the sand on one side, with scour to the south-west of the wreck.</p> <p>The wreck appears isolated, coherent and relatively intact in the 2022 geophysical data, with some debris (70127, 70129 and 70130) lying adjacent to the interpreted hull.</p>		



Sidescan sonar waterfall image, 125 m range per channel



Multibeam echosounder grid image, x1 vertical exaggeration, looking north



Profile image of magnetic anomaly associated with **70128**, measuring 649 nT

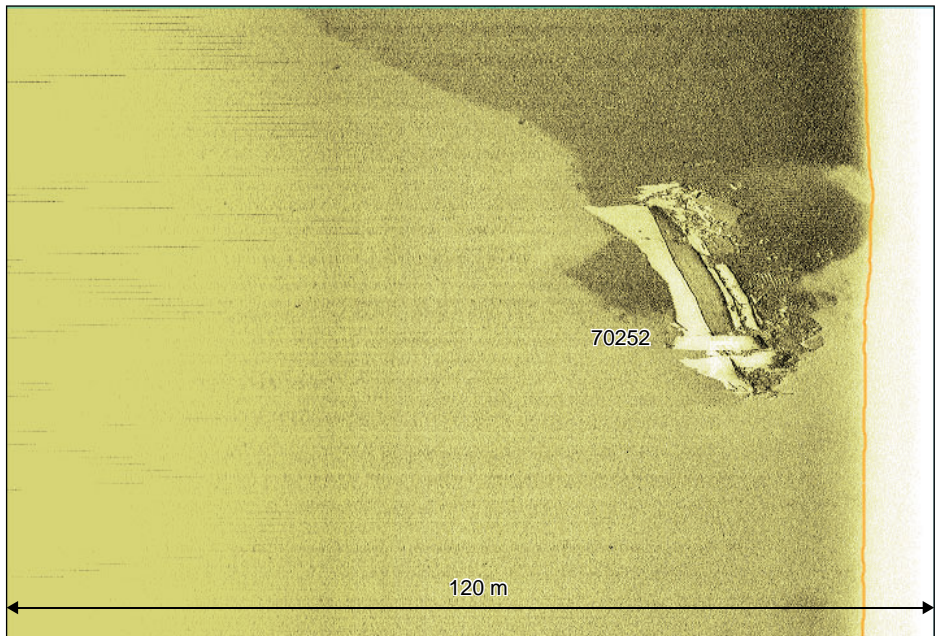
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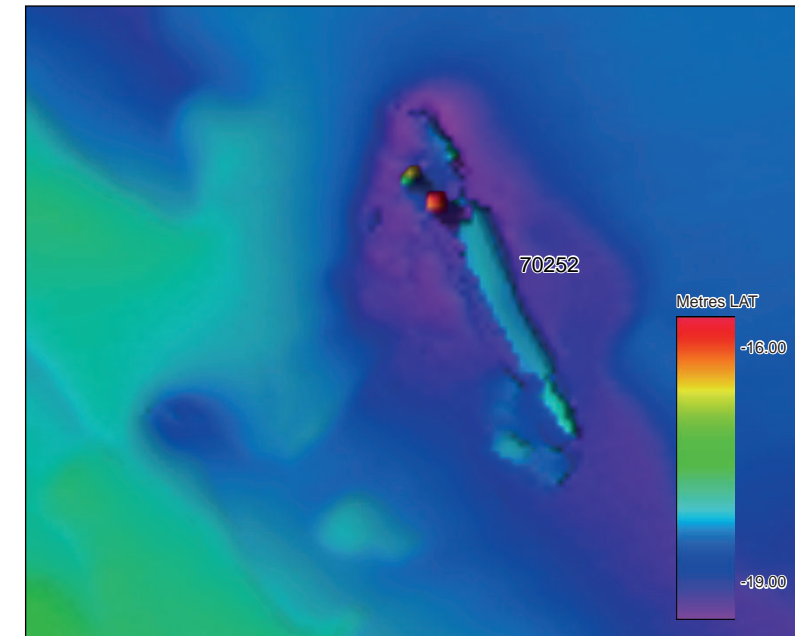


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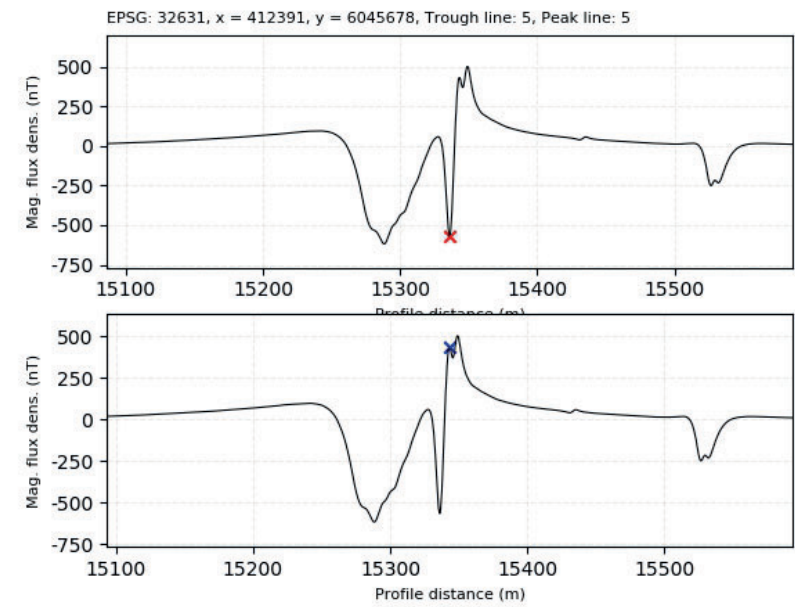
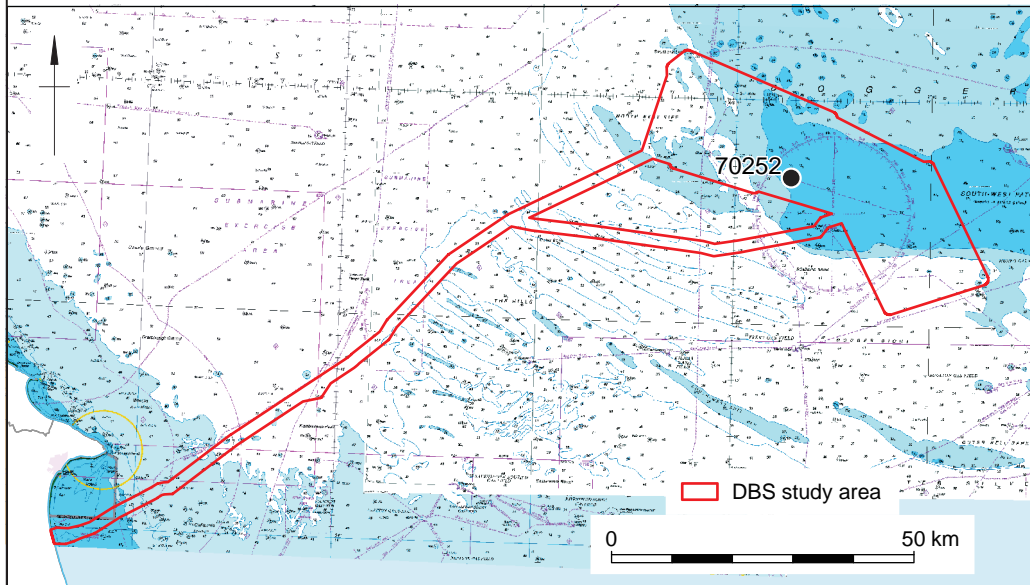
Location	412408 E 6045711 N	Area	Block 10
Archaeological Importance	High		
Geophysical survey dimensions and notes	<p>70252 is a wreck situated in Block 10 in the central portion of the array, oriented NNW-SSE. The wreck is recorded by the UKHO as an unknown dangerous wreck (97582).</p> <p>In the SSS data, it is visible primarily as a large, distinct, almost rectangular feature interpreted as the outline of a hull, which contains two large objects at its northern end. The structure appears to be partially disintegrated along the western extents with numerous dark reflectors with height interpreted as debris, including several linear features. The observed extent of the wreck measures 64.9 x 29.8 x 3.1 m.</p> <p>There is a very large magnetic response of 1001 nT associated with the wreck (although this is superimposed on a broader signal from a pipeline more than 100m to the south) indicating the presence of ferrous material or construction.</p> <p>In the MBES data the wreck is visible as an elongate mound oriented NNW-SSE, with two distinct mounds in the northern section measuring 8.1 x 6.4 x 2.4m and 9.7 x 8.5 x 3.0m.</p>		
	Build	Type	Unknown
		Construction	Unknown
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss	Cause	Unknown	
Extent of Survival	<p>Recorded by the UKHO as first surveyed in 2021, the wreck was examined and found to have debris lying off the bow and stern. Its measurements at the time were recorded as 60m in length and 3.3m in height; the width was not recorded.</p> <p>The wreck was examined again in 2021 and was recorded as broken up and decaying, with a small debris field at its SSW end and situated within scour measuring 224.5 x 58.5 x -1.5m. The wreck's measurements at this time were recorded as 63.7 x 9.4 x 3.2m.</p> <p>The wreck appears somewhat broken up in the 2022 geophysical data with debris adjacent to it, mainly on the western side, and some degradation of the hull visible.</p>		



Sidescan sonar waterfall image, 120 m range per channel



Multibeam echosounder grid image, x1 vertical exaggeration, looking north



Profile image of magnetic anomaly associated with **70252**, measuring 1001 nT

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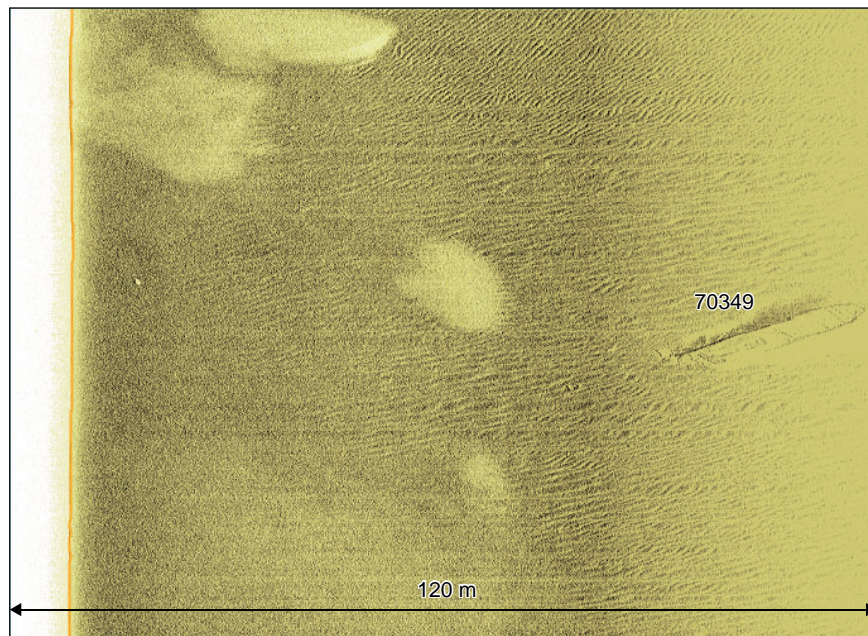
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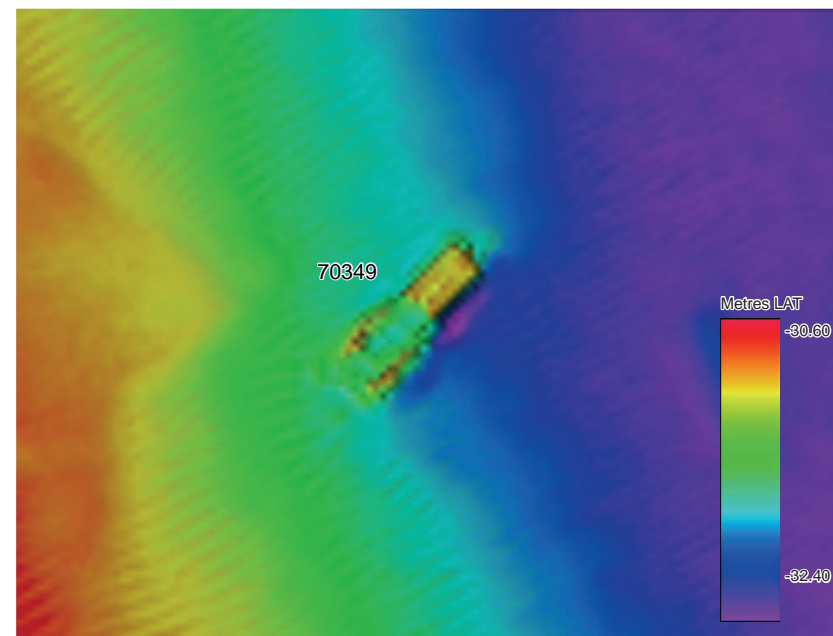
ID 70349 – Unknown

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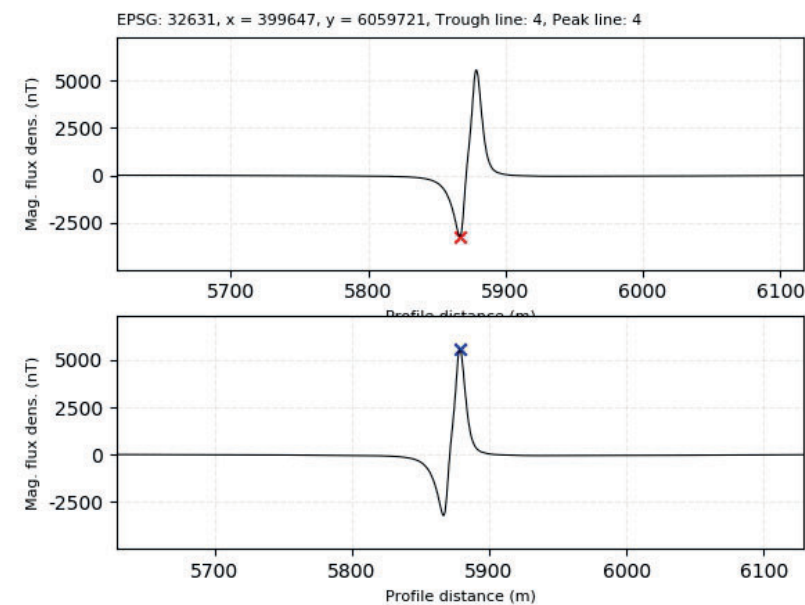
Location	399649 E 6059722 N	Area	Block 6
Archaeological Importance	High		
Geophysical survey dimensions and notes	<p>70349 is a wreck situated in the western portion of the array, in Block 06, lying on an approximate NNE to SSW alignment. There is no associated UKHO record, suggesting it is unknown and unrecorded.</p> <p>In the SSS data it is visible as an approximately elliptical dark reflector, aligned NNE-SSW with a pointed end to the SSW and an angular end at the NNE, interpreted as the outline of a hull. Several parallel linear dark reflectors are visible within the interpreted hull, indicating the presence of internal structure. The feature has a long shadow, indicating significant height, and some small items of debris are visible immediately adjacent. The observed extent of the wreck measures 31 x 7 x 2.8 m.</p> <p>There is a very large magnetic response of 8797 nT associated with the wreck, indicating the presence of ferrous material or construction.</p> <p>Observed in the MBES data as a distinct rectangular mound with a more rounded southern end which appears damaged. The wreck appears upright and situated within sand ripples, so its full extent and any associated debris may be buried. The southern end of the wreck slopes to the seabed and appears to be partially buried. There is scour present on the eastern side, measuring 20.0 x 2.0 x -0.3m.</p>		
	Build	Type	Unknown
	Construction	Unknown	
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss	Cause	Unknown	
Extent of Survival	This wreck is an unknown wreck with no associated UKHO record so there is no information on previous appearance or extent of survival.		
	In the 2022 geophysical data the wreck appears isolated in an area of sand ripples, with the hull seemingly upright and coherent with potential surviving internal structure and some small items of debris adjacent. The southern end appears damaged and partially buried.		



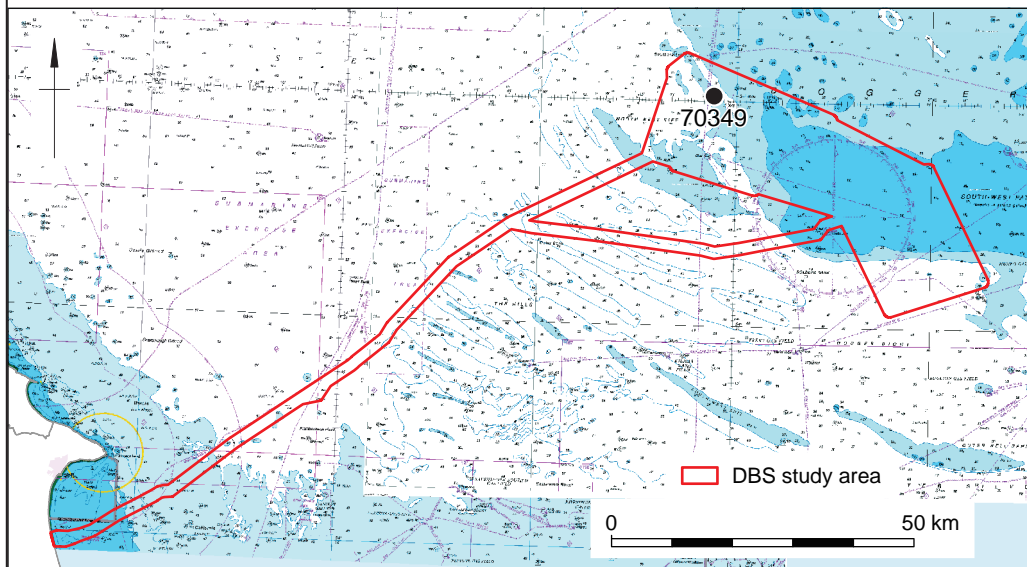
Sidescan sonar waterfall image, 120 m range per channel



Multibeam echosounder grid image, x1 vertical exaggeration, looking north



Profile image of magnetic anomaly associated with **70349**, measuring 8797 nT



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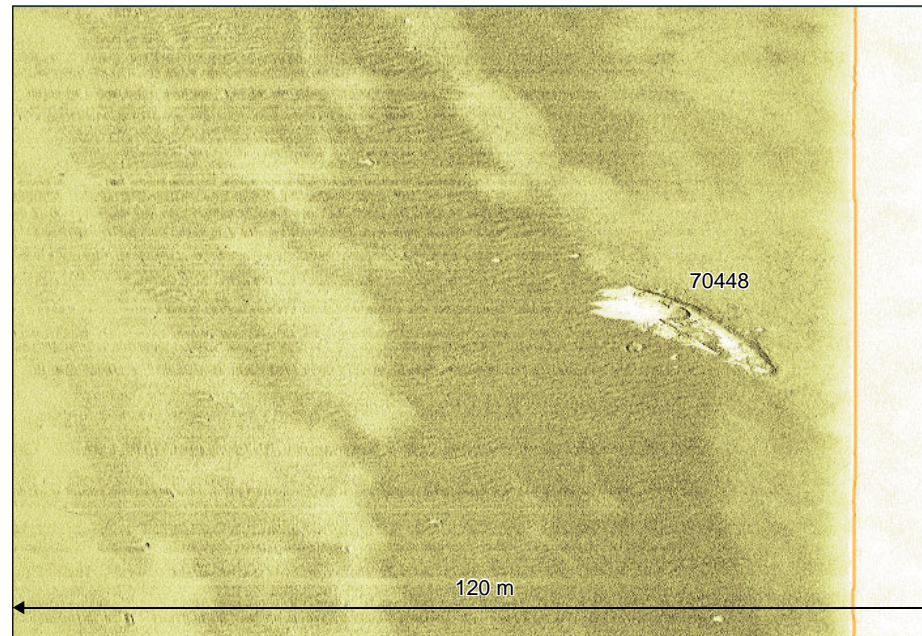
Sheet 5



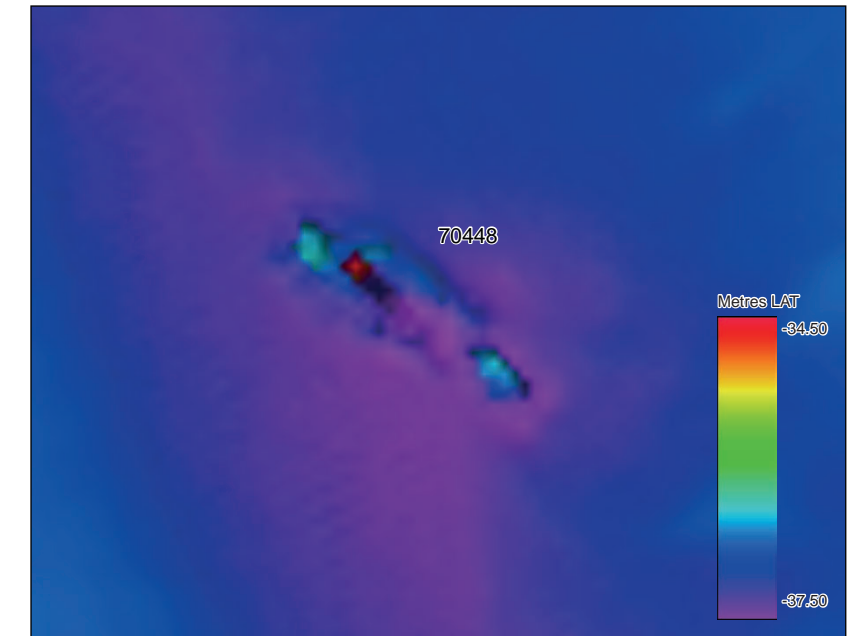
ID 70448 – Unknown

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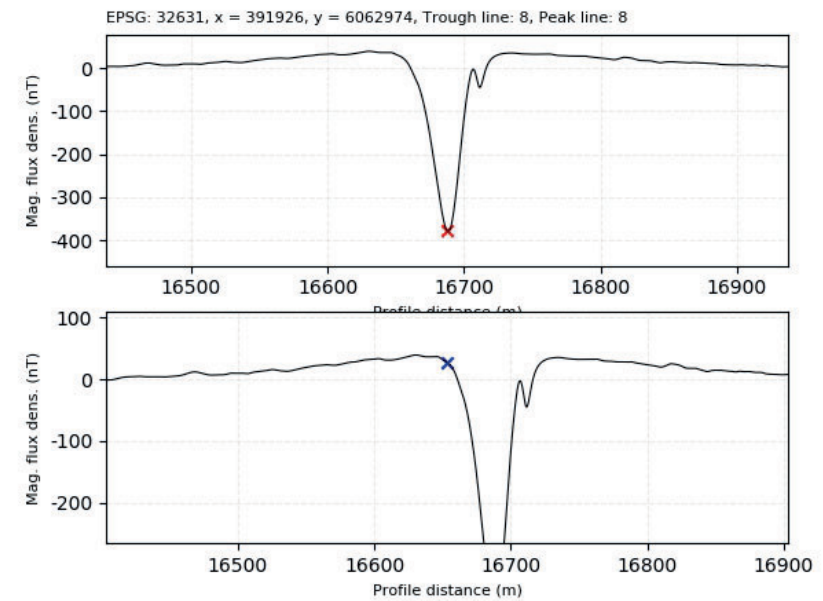
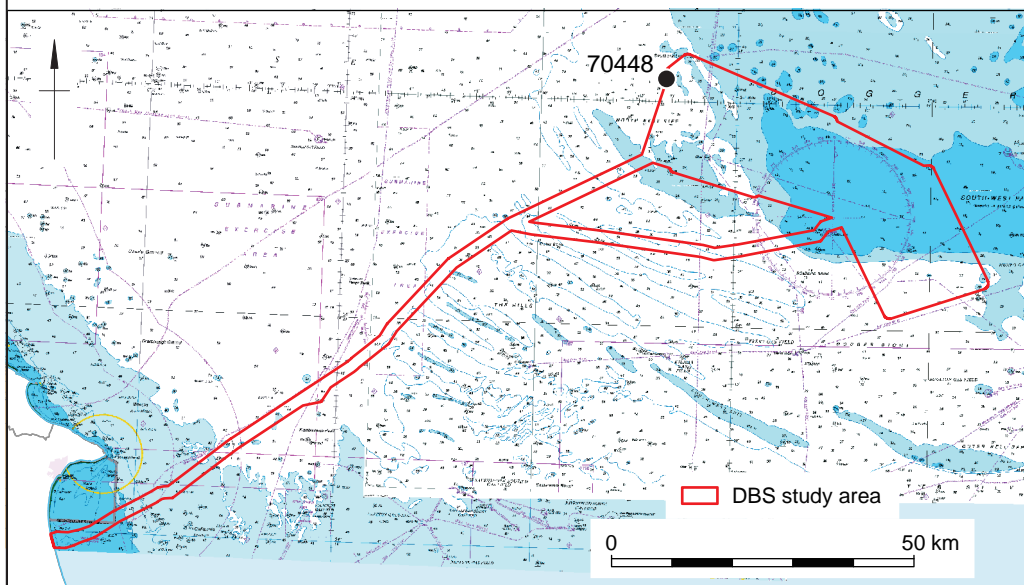
Location	391947 E 6062989 N	Area	Block 03
Archaeological Importance	High		
Geophysical survey dimensions and notes	<p>70448 is an unknown wreck situated in Block 03 in the north-western portion of the array area, lying on a north-west to south-east alignment. The wreck does not have a confirmed UKHO record.</p> <p>In the SSS data, the wreck is visible as a coherent wreck with a distinct shadow containing a semi-circular dark reflector with a long, distinct shadow, possibly indicating internal structure such as a boiler. The shape of the feature suggests the hull is relatively intact, although an intermittent shadow and some possible surrounding items of debris may indicate partial disintegration. The observed extent of the wreck measures 29.6 x 7.8 x 2.5 m.</p> <p>There is a large magnetic response of 406 nT associated with the wreck, indicating the presence of ferrous material or construction.</p> <p>In the MBES data, the wreck is visible as a sub-angular elongate mound with a distinct mound (7.6 x 6.6 x 2.5 m) in the northern part and a visible depression in the middle (6.9 x 3.7 x -0.4 m).</p>		
	Build	Type	Unknown
		Construction	Unknown
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss	Cause	Unknown	
Extent of Survival	<p>It should be noted that this wreck is approximately 330 m north-west of UKHO record 6824 (70444), a wreck location recorded on Danish fishing chart 5400 in 1982. It was recorded at a general depth of 35 m. This wreck is likely to be that recorded as UKHO 6824 but owing to the large distance between the wreck and the record location they have been reported separately.</p> <p>The shape of the wreck in the MBES data suggests that the hull is relatively intact, although some potential surrounding objects of debris suggests partial disintegration. SSS data of the wreck suggests that some internal structure is intact, with a potential boiler being visible.</p>		



Sidescan sonar waterfall image, 120 m range per channel



Multibeam echosounder grid image, x1 vertical exaggeration, looking north



Profile image of magnetic anomaly associated with **70448**, measuring 406 nT

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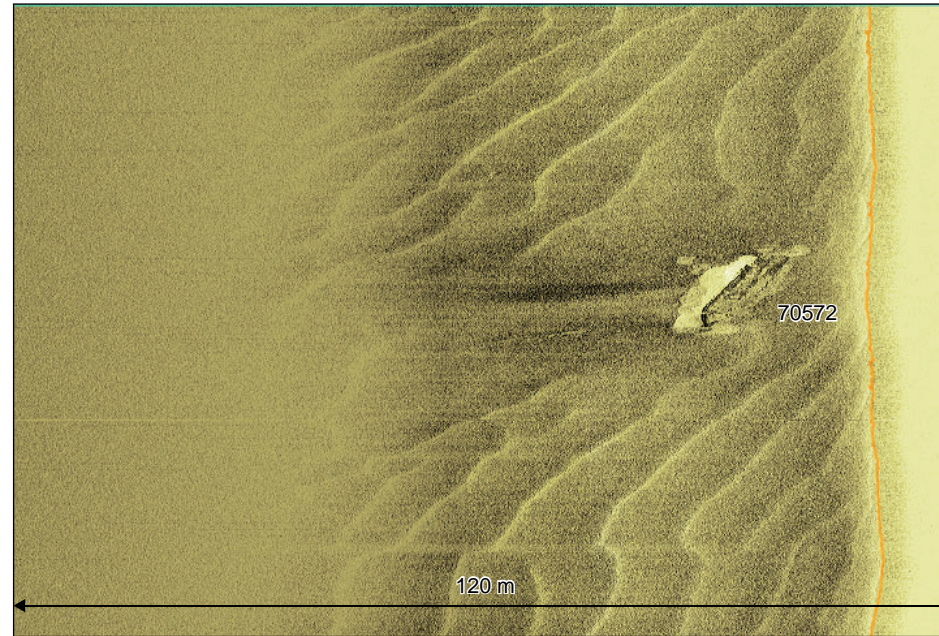
Date: 21/09/2023 Created by: KJF Revision: 0 Scale: Location inset 1:1,250,000 at A3

Sheet 6

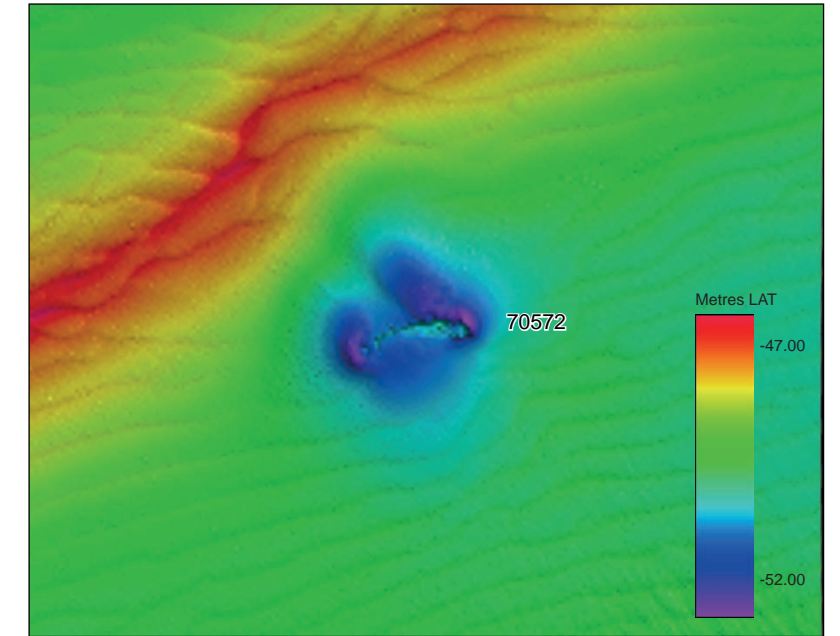


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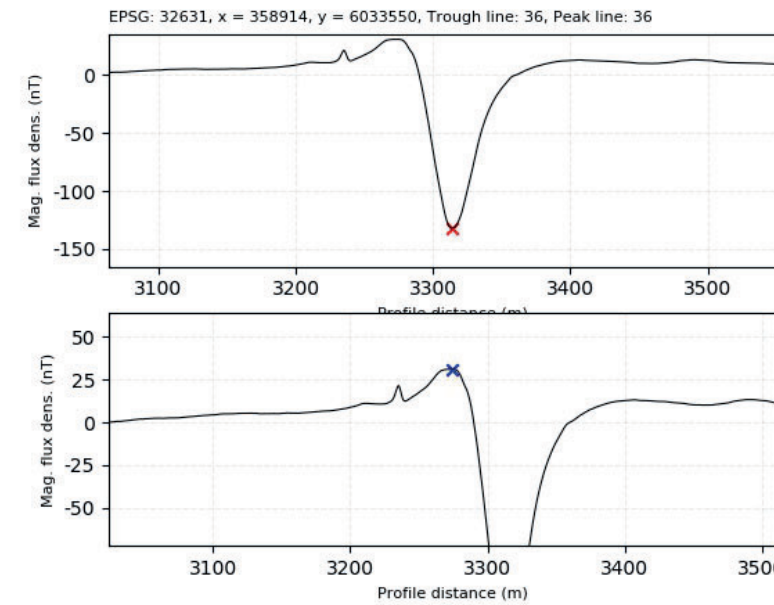
Location	358904 E 6033578 N	Area	Block E
Archaeological Importance	High		
Geophysical survey dimensions and notes	<p>70572 is a wreck situated in Block E, lying on an east-west alignment in the ECR. The wreck is recorded by the UKHO as a non-dangerous unknown charted wreck (6617).</p> <p>In the SSS data, it is visible as a distinct curved dark reflector measuring 39.3m x 8.4m x 2.0m which delineates the outline of a wreck oriented broadly east-west, casting an angular shadow. The easternmost extent is wedge shaped and some internal dark reflectors with associated shadow suggest the structure may be upright. Associated debris fields are associated to the north (70571), WNW (70574), and south (70573).</p> <p>There is a large magnetic response of 164 nT associated with the wreck, indicating the presence of ferrous material or construction.</p> <p>In the MBES data, the wreck is visible as an elongate and irregular mound measuring 32.6m x 10.5m x 1.0m, slightly curved and aligned east to west with a wider eastern end. The top of the wreck is uneven, indicating the wreck is upright with surviving superstructure. A wide scour surrounds it, deeper in the east at -1.5m and shallowest in the west at -0.8m. This is present within sand waves, so the full extent of the wreck may be buried.</p>		
	Build	Type	Unknown
		Construction	Unknown
	Dimensions (m)	Unknown	
	Shipyard	Unknown	
Loss	Cause	Unknown	
Extent of Survival	<p>Recorded by the UKHO as first surveyed in 1982, the wreck was examined in 1987 using Syledis and its position updated. The wreck's recorded measurements at that time were 35m x 9m x 2.4m, lying 110/290 between two 4m sand waves. The wreck was examined again in 2008 by submersible and was not observed.</p> <p>The wreck appears somewhat isolated and mostly coherent in the data, with the hull seemingly intact and likely upright. Internal dark reflectors and an uneven top suggest surviving superstructure. As the wreck was not observed in 2008, this indicates it is subject to repeated cycles of exposure and re-burial due to sediment movement.</p>		



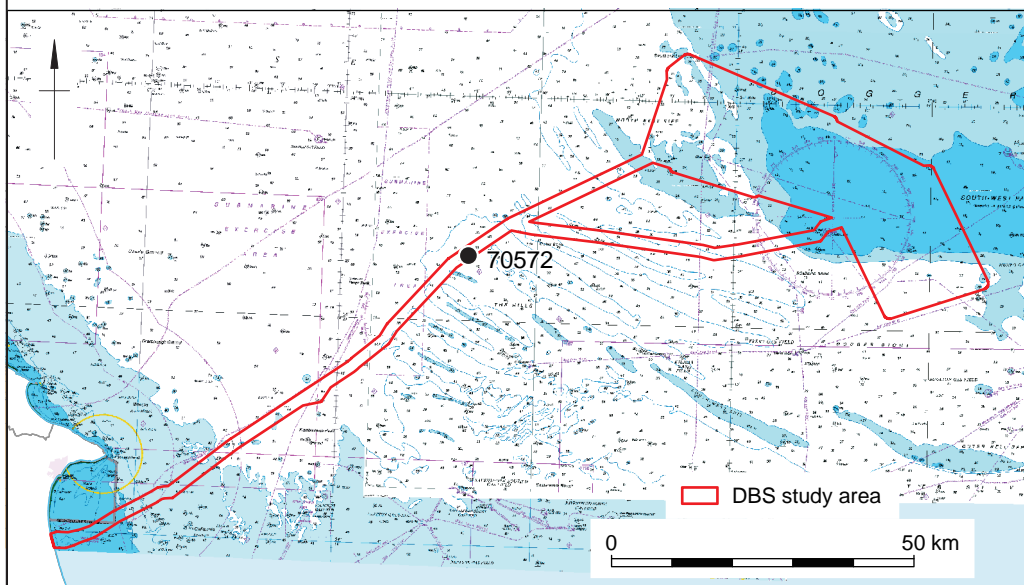
Sidescan sonar waterfall image, 120 m range per channel



Multibeam echosounder grid image, x1 vertical exaggeration, looking north



Profile image of magnetic anomaly associated with **70572**, measuring 164 nT



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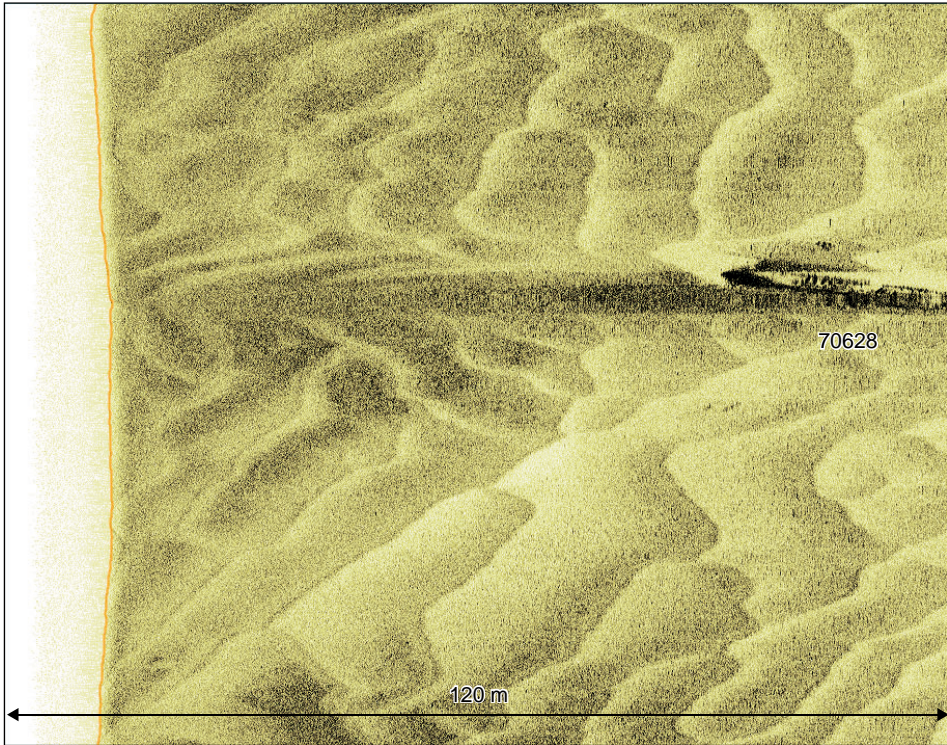
Location	333909 E 6009714 N	Area	Block C
Archaeological Importance	High		
Geophysical survey dimensions and notes	<p>70628 is a wreck situated in Block C, lying on an approximate north-south alignment in the ECR. The wreck is recorded by the UKHO as a non-dangerous unknown charted wreck (6596).</p> <p>In the SSS data, the wreck is visible as a distinct elongate dark reflector with a complex internal structure measuring 35.4 x 14.0 x 2.1m. A series of parallel sub-rounded dark reflectors extend the length of the visible anomaly extent. There is significant shadow and scour is visible extending to the north and east, and the wreck is situated within an area of sand waves that may periodically cover the wreck. The extents of the wreck are unclear, owing to the clarity of the image, and it may also extend beyond the range of the data so the length should be considered a minimum. An item of debris measuring 4.1m x 1.5m, 70627, is located approximately 8m to the east of the wreck, visible as an irregular sub-rounded dark reflector with no discernible shadow.</p> <p>This location was not covered by the Mag. or MBES datasets.</p>		

Build	Type	Unknown
	Construction	Steel
	Dimensions (m)	Unknown
	Shipyard	Unknown
Loss	Cause	Unknown

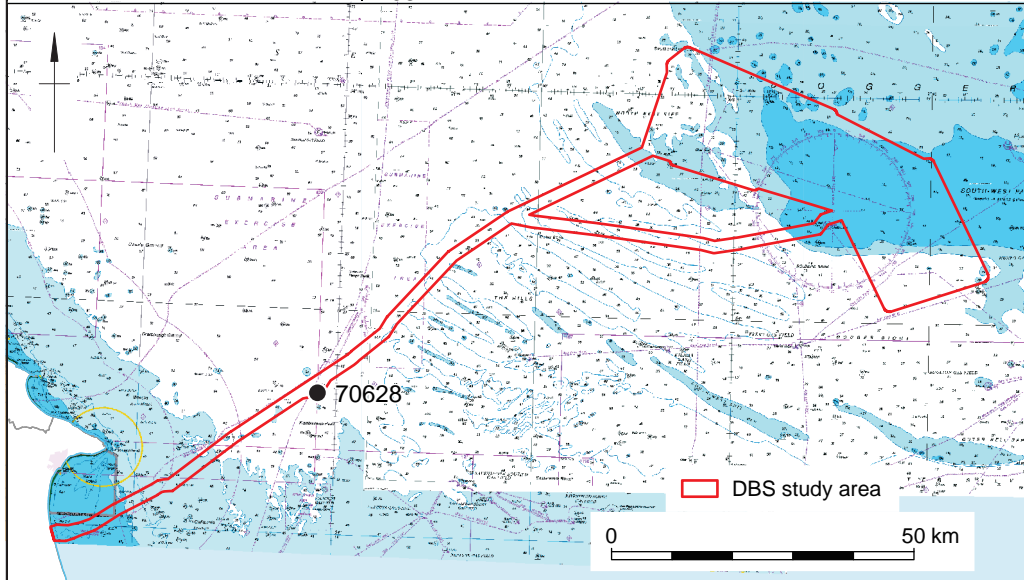
Extent of Survival

Recorded by the UKHO as first surveyed in 1980, the wreck was examined in 1987 using Syledis and suggested to be in three sections. The wreck's recorded dimensions at that time were 32m x 10m x 4m, with its largest section lying 157/337. The wreck was examined again in 2008 and observed as a steel hull measuring 31m x 6.5m.

The wreck appears somewhat isolated and mostly coherent in the data, situated within an area of sand waves with a possible piece of debris lying to the south-east. The increase in width may indicate that the wreck has broken up somewhat since the last recorded dimensions or that more of it has become exposed, although the current dimensions are unlikely to be accurate given the clarity of the image. The height appears approximately half that of the value recorded in 1987. This may indicate the height of the wreck has been reduced by sediment coverage or that the wreck has become more broken up or partially collapsed since 1987.



Sidescan sonar waterfall image, 120 m range per channel



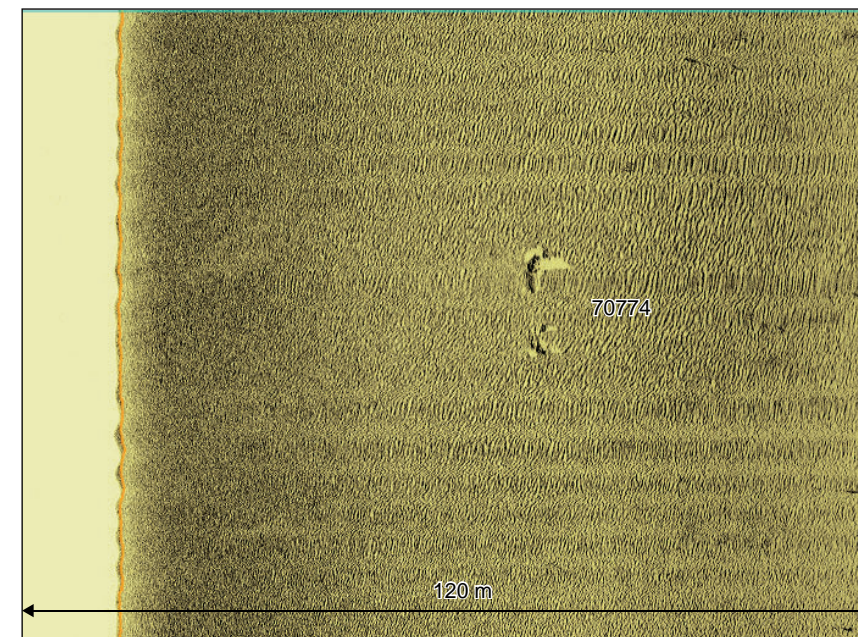
Coordinate system: WGS84 UTM31N
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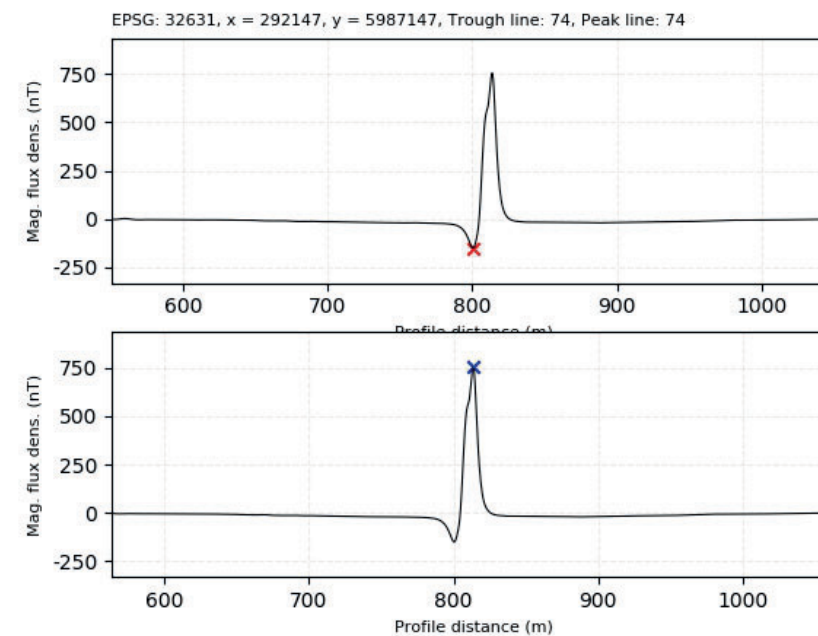


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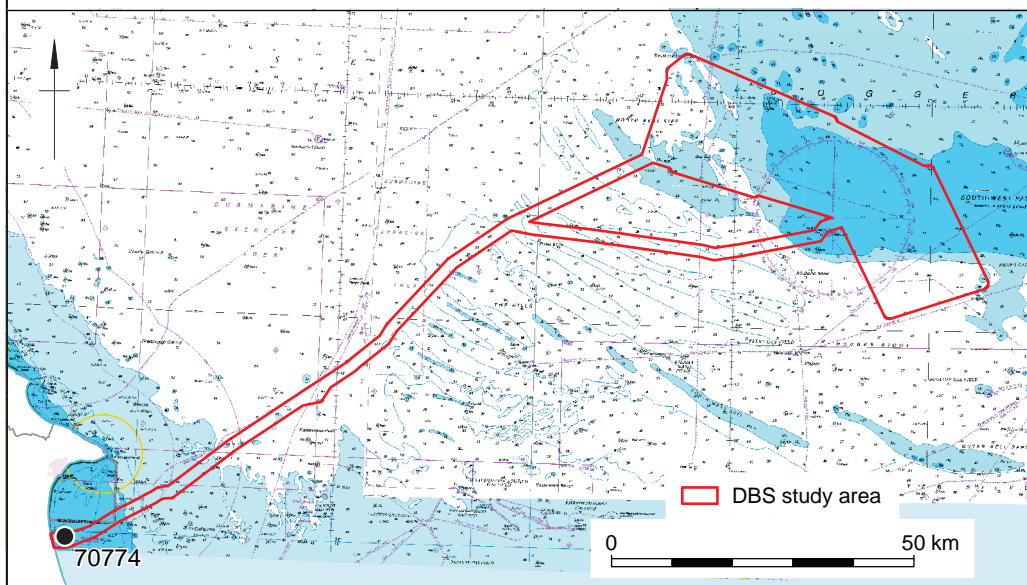
Location		292143 E 5987147 N	Area	Block A
Archaeological Importance		High		
Geophysical survey dimensions and notes		<p>70774 is a wreck situated in Block A, lying on a WSW-ENE alignment in the ECR. The wreck is recorded by the UKHO as an unknown dangerous wreck (97497).</p> <p>In the SSS data, numerous distinct dark reflectors are visible over an area measuring (10.7m x 1.8m x 0.4m), including a rounded dark reflector (1.7m x 0.8m x 0.3m) with a prominent peaked shadow, and other more angular dark reflectors, all oriented WSW-ENE.</p> <p>Observed in the MBBS dataset as an isolated, sub-rounded dark reflector (1.8 x 1.3m)</p> <p>There is a large magnetic response of 904 nT associated with the wreck, indicating the presence of ferrous material or construction.</p>		
Build	Type	Unknown		
	Construction	Unknown		
	Dimensions (m)	Unknown		
	Shipyard	Unknown		
Loss	Cause	Unknown		
Extent of Survival		<p>Recorded by the UKHO as first surveyed in 2020, the wreck was found to be heavily degraded with only the bow and a boiler visible. The wreck's measurements at that time were recorded as 11.9m x 3.3m x 1.0m, lying 238/058 with scour measuring 9.7m x 1.8m x -0.4m extending toward 332 degrees.</p> <p>The wreck appears isolated and dispersed in the 2022 geophysical data, situated in a relatively featureless area of seabed. The decrease in dimensions may indicate that the wreck has become less exposed since the last recorded dimensions.</p> <p>The wreck is also recorded on Danish fishing chart 5400.</p>		



Sidescan sonar waterfall image, 120 m range per channel



Profile image of magnetic anomaly associated with **70774**, measuring 904 nT



Coordinate system: WGS84 UTM31N
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