

# **NEMOLink**

Post-Consent Archaeological Assessment

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#### **Summary**

Wessex Archaeology was commissioned by J-Power Systems Corporation to undertake a postconsent archaeological assessment of work undertaken as part of the development Nemo Link interconnector cable route. This report covers the archaeological assessment geophysical data acquired during the 2016 survey, review of that data with the results of the UXO assessment and finds reported through the archaeological Protocol.

The archaeological study area for the geophysical assessment comprised a 500 m wide corridor at the nearshore end (Section 18) and 100 m corridor for the remaining route (Sections 17–14), up to the UK territorial waters boundary, around the planned interconnector cable route (version dated: 29 February 2016). The assessment of the geophysical data within the study area resulted in a total of 709 anomalies identified as being of possible archaeological interest.

Sites identified for further archaeological assessment comprised:

- an Archaeological Exclusion Zone (AEZ) around aircraft material that remained in situ;
- Three sites provided with Temporary Exclusion Zones (TEZs): a cannon with wood and metal material; aircraft material and fishing gear; and ferrous debris. The material was recovered for further assessment and all three TEZs were removed following assessment;
- Nine anchors that were recovered, of which four were assessed as of sufficient interest for further reporting; and
- One possible cannonball, that was later confirmed as natural

In addition, three sites of potential UXO were identified through the UXO survey, and are included in this report, although UXO requirements take precedence, and therefore the material was not archaeologically assessed following recovery.

Initial work undertaken on the cannon includes conservation in wet storage and deconcretion, which revealed more details that allowed the cannon to be dated and identified (Wessex 2018). This cannon also presented the possibility of still being loaded, as the wooden tampion was in place covering the mouth of the bore. As such, the cannon required the intervention of Ramora UK, specialists in UXO, to undertake analysis on the cannon to ensure it was free from explosive hazards, allowing the desalination to continue as part of its conservation, subsequent removal of the tompion revealed that the bore was in fact empty.



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The report was compiled by Joaquin Callejo Gomez with contributions from Sam Strutton, Megan Metcalf, Paolo Croce, Victoria Lambert and Andrea Hamel. The figures were prepared by Kitty Foster. Euan McNeill managed the project on behalf of Wessex Archaeology and provided quality assurance for this report.



## **Nemo Link Interconnector**

# **Post-Consent Archaeological Review**

#### 1 INTRODUCTION

## 1.1 Project background

- 1.1.1 Wessex Archaeology was commissioned by J-Power Systems Corporation to produce a post-consent archaeological review to summarise the archaeological work that had been undertaken for the Nemo Link interconnector cable route corridor (Figure 1). This review covers the archaeological assessment of geophysical data, its review with the results of the UXO survey, and the archaeological assessment of material reported and/or recovered along the survey route and reported through the Protocol for Reporting Finds of Archaeological Interest.
- 1.1.2 Nemo Link is an interconnector cable route that connects the UK and Belgium for the transfer of electricity between the two countries. This report focuses on the UK sector of the route between KP 127, located at the entrance of Pegwell Bay, south of Ramsgate Harbour, and the UK territorial waters boundary at 12 nautical miles (nm). The route is split into sections for reference. The archaeological review covered sections 14–18; with 14 being the offshore boundary (up to 12 nm) and 18 being the nearshore boundary.
- 1.1.3 Wessex Archaeology was first involved in the Nemo Link interconnection project in 2010 to 2011 during the pre-consent phase and has been involved in the post-consent phase since 2016. The following section presents a list of relevant documents related to the Nemo Link project prepared by Wessex Archaeology and other contractors.

#### 1.2 Previous work

- 1.2.1 This list compiles the archaeological assessments previously undertaken in relation to the Nemo Link project:
  - Archaeological Environmental Impact Assessment (Desk based assessment with review of 2010 geophysical data) (Wessex Archaeology 2016);
  - Archaeological Written Scheme of Investigation. Rev 2. July 2016 (Sea Change Heritage Consultants 2016a);
  - Protocol for Reporting Finds of Archaeological Interest (Sea Change Heritage Consultants 2016b);
  - Temporary Exclusion Zone; Archaeological Investigation of UXO Anomaly 4959 (Wessex Archaeology 2017a);
  - Archaeological Assessment of Geophysical Survey Data for the NEMOLink Corridor (Wessex Archaeology 2017b);
  - Temporary Exclusion Zone Archaeological Investigation of Ferrous Debris (Wessex Archaeology 2017c);



- Temporary Exclusion Zone Archaeological Investigation of UXO Anomaly 6382 and 6384 (Wessex Archaeology 2018).
- 1.2.2 This report presents a summary of the archaeological assessment of geophysical survey data, reviewed with the UXO survey data, as well as the material reported and/or recovered through the Protocol for Reporting Finds of Archaeological Interest (Sea Change Heritage Consultants 2016b).

## 1.3 Study area

1.3.1 The archaeological study area for this assessment comprised a 500 m wide corridor at the nearshore end (Section 18) and 100 m corridor for the remaining route (Sections 17–14), up to the UK territorial waters boundary (12 nm), around the planned interconnector cable route (version dated: 29 February 2016), and was compared with the final cable route position list (RPL) used for this project, dated 17 May 2018.

## 1.4 Aims and objectives

1.4.1 An aim of this report is to provide a summary of geophysical anomalies located within the study area by Wessex Archaeology marine geophysicists, indicating which were targeted during the UXO survey and the outcome of this. In addition, this report aims to present a summary of all archaeological individual evaluation work carried out by Wessex Archaeology in relation to material that was identified during the UXO survey and considered archaeological in nature.

#### 2 METHODOLOGY

## 2.1 Geophysical data

2.1.1 Geophysical data was acquired by Gardline in 2016, in accordance with the project WSI (Sea Change Heritage Consultants 2016a). Data acquisition was split into two types of survey, geophysical and UXO, undertaken by four vessels. The sections in the UK sector of the corridor, and relevant to this assessment, were surveyed by three of these vessels. The nearshore area (Section 18) was completed by MV Meriel D, between 16 May and 18 June 2016 for the geophysical survey and MV Titan Discovery, between 15 April and 26 September 2016, for the UXO survey. The offshore area (Sections 14–17) were completed by MV Ivero, between 18 April and 27 June 2016, undertaking both geophysical and UXO surveys (Gardline 2016a).

Geophysical data – anomaly grouping and classification

2.1.2 All the geophysical anomalies and desk-based information were collated in the geophysics report Archaeological Assessment of Geophysical Data (Wessex Archaeology 2017b). Each record was assessed and allocated a criteria class in order to discriminate archaeological relevance. These classes are ascribed as follows (**Table 1**).

 Table 1
 Criteria discriminating the relevance of anomalies to the proposed scheme

Criteria Class	Description
A1	Anthropogenic origin of archaeological interest
A2	Uncertain origin of possible archaeological interest
A3	Historic record of possible archaeological interest with no corresponding geophysical anomaly
AU1	Not of anthropogenic origin
U2	Known non-archaeological feature



U3	Position of a recorded loss at which no physical wreck remains have ever been identified
O3	Area subsequently cleared after data acquired

- 2.1.3 The grouping and discrimination of data is based solely on all available information and is not definitive. This classification makes it possible to highlight all those anomalies with a high archaeological interest, separating them from those with less potential. The anomalies that were catalogued as of archaeological interest (A1) were evaluated individually.
- 2.1.4 A total of 709 anomalies were identified within the study area. Further information has been provided in the gazetteer (**Appendix 1**).

# 2.2 Archaeological assessment and implementation of Temporary Exclusion Zones (TEZs)

- 2.2.1 As reflected in the Protocol for Reporting Finds of Archaeological Interest (Sea Change Heritage Consultants 2016b), the information regarding finds related to the Nemo Link was reviewed by the project archaeologists who evaluated the archaeological potential of each find. These evaluations were based on the criteria described in the protocol.
- 2.2.2 The results of these evaluations were presented in the form of individual Summary Records listed in the previous work summary, or in Archaeological Object Report Forms (in **Appendix 2**).
- 2.2.3 The reports included the following recommendations:
  - an assessment of the archaeological potential and interest of the discovery, including justification of the conclusion reached;
  - advice on the implications of the discovery and any other action required with respect
    to the discovery. In the case of seabed finds, these additional measures are likely to
    consist of the conversion of a temporary Archaeological Exclusion Zone (AEZ) into a
    permanent AEZ, or the institution of an archaeological surveillance programme during
    future seabed works in the vicinity of the find.
- 2.2.4 The Project Archaeologist informed Historic England (previously English Heritage) when the archaeologist identified a discovery of high archaeological interest. Details on the extents of the area of any Temporary Exclusion Zone were provided. In addition, recommendations were given about the safeguarding of the find as well as any potential, visible and/or buried, remains that could be near. Historic England oversaw the resumption of activity in the Temporary Exclusion Zones adjacent to the find.
- 2.2.5 In cases of finds considered to be of low archaeological interest the Project Archaeologist informed the Site Champion and Nominated Contact of the lifting of the Temporary Exclusion Zone that allowed the resumption of activities near the find.

## 2.3 Archaeological assessment of recovered finds

2.3.1 Finds of archaeological interest that were recovered were archaeologically assessed, with a review of existing geophysical survey data and details from the UXO investigations and diver survey, in line with the WSI (Sea Change Heritage Consultants 2016a) and the Protocol for Reporting Find of Archaeological Interest (Sea Change Consultants 2016b).



- 2.3.2 The methodologies for the assessment of finds that have been reported on in separate reports are included in the reports: such as the aircraft material (Wessex Archaeology 2017a), the ferrous debris (Wessex Archaeology 2017c) and the cannon and wooden shipwreck material (Wessex Archaeology 2018).
- 2.3.3 The remaining objects that were recovered were assessed based on the WSI (Sea Change Heritage Consultants 2016a) and Protocol for Finds of Archaeological Interest (Sea Change Consultants 2016b) and the results are presented in **Appendix 2**.

#### 3 PROTOCOL AWARENESS

- 3.1.1 A Protocol for Reporting Finds of Archaeological Interest (Sea Change Heritage Consultants 2016b) was established in order to manage any unexpected discoveries made during survey or development works.
- 3.1.2 In order to ensure the success of the Protocol, Protocol Awareness Training was provided to staff prior to various works commencing. Protocol Awareness Training engages with staff, enabling them to identify potential archaeological material, understand its importance, and know how to report it. **Table 2** provides a list of training dates:

Date	Wessex Archaeology staff conducting the briefing
25/01/2017	Peta Knott
02/06/2017	Andrea Hamel
08/06/2017	Andrea Hamel
13/06/2017	Ben Saunders
14/06/2017	Ben Saunders
30/06/2017	Lowri Roberts
05/07/2017	Lowri Roberts
26/07/2017	Lowri Roberts

Lowri Roberts

 Table 2
 List of Protocol Awareness Training Dates

## 4 RESULTS

07/08/2017

#### 4.1 Summary of geophysical survey results

- 4.1.1 An archaeological assessment of the geophysical survey data acquired by Gardline during the 2016 survey of the NemoLink interconnector cable corridor, focussing on the data between the nearshore, kilometre point (KP) 127, and the UK territorial waters at the 12 nautical mile limit was undertaken (Wessex Archaeology 2017b).
- 4.1.2 This assessment was then reviewed with the Target Investigation Reports (TIRs) from the UXO survey carried out by Dynasafe BACTEC Limited and Bluestream in 2017. The UXO survey comprised an ROV and visual diver assessment, and some material was recovered from the seabed. The TIRs provided sufficient information, including video stills and photographs of recovered material, that enabled Wessex Archaeology's marine geophysicists to review the archaeological assessment of geophysical survey data, and to confirm or disprove the previous archaeological categorisations. For example, while the archaeological assessment of geophysical survey data (Wessex Archaeology 2017b) identified 17 anomalies of A1 archaeological rating, the review of TIRs confirmed that there



were only 15 sites of A1 rating. The locations of all of the sites are illustrated in **Figures 2a-2i**.

- 4.1.3 The assessment of geophysical data and review of TIRs within the study area resulted in a total of 709 anomalies categorised based on their level of potential archaeological interest. These are summarised as follows:
  - a total of 15 were assigned an A1 archaeological rating of archaeological interest, two located within 20 m of the RPL;
  - a total of 604 were assigned an A2 archaeological rating of possible archaeological interest, with 124 located within 20 m of the RPL;
  - one item, a recorded obstruction, was assigned an A3 archaeological discrimination of possible archaeological interest; and
  - Eighty-nine targets were given an O3 archaeological discrimination as they were recovered following the archaeological assessment of the 2016 geophysical survey data, and therefore were no longer on the seabed. These targets had been assessed in more detail through archaeological assessment and/or the UXO assessment. The majority of these targets were proved to be of no archaeological interest, comprising material such as possible fishing gear, steel wire rope and other modern debris. However, the following items of interest were recovered and assessed archaeologically and are discussed in more detail below: MAG\_3708 (70493): anchor; MAG\_6382 (7430): a cannon; MAG\_6384 (7431): an area of wooden and metal debris; MAG\_6454 (70213): anchor; MAG\_7618 (70362): anchor; and MAG\_11086 (70052): anchor.
- 4.1.4 The gazetteer in **Appendix 1** comprises all 709 anomalies.
- 4.2 Archaeological Exclusion Zones (AEZs)
- 4.2.1 The 15 targets of high archaeological interest provided with AEZs were avoided by construction activities.
- 4.2.2 In one case, it was not possible to completely avoid an AEZ, due to the need to re-route the cable following damage and the tight constraints of the area. It was the site of MAG\_11081 (70050), a feature investigated by a dive team during UXO operations and thought to possibly be aircraft related (**Appendix 2: MAG\_11081**). In this case, the site was carefully reviewed, including all available geophysical and diver survey data, and the cable was microsited as far from the material on the seabed as possible. Therefore the cable only extended 5 m into the 50 m radius AEZ, well away from the material on the seabed.
- 4.2.3 Target MAG\_11081 (70050) was identified as the possible remains of an aircraft component (possibly the wing) due to the construction and material of the section uncovered (Appendix 2: MAG\_11081, Plate 5). The object could be associated with an aircraft crash site, most likely dating to the Second World War where aircraft losses off the south-east coast were frequent, however, if the material was discovered *in situ*, then the aircraft remains appear to be spread over a wide area as the only other anomalies within in a 50 m radius comprised 70052 (MAG\_11086) which was identified during UXO investigations as an anchor, and 70042 (MAG\_1164) identified as metallic debris (a barrel), and not believed to be associated. It is also possible that the material is not in its original location, but rather has been transported along the seabed, for example through natural causes or fishing activities.



## 4.3 Temporary Exclusion Zones

4.3.1 During the ROV UXO survey, a number of areas were identified as of archaeological potential and were assessed by experienced archaeologists from Wessex Archaeology. The results of the evaluations were presented in the form of Temporary Exclusion Zone (TEZ) Archaeological Investigation reports (Wessex Archaeology 2017a, c, 2018). In all cases it was recommended that operations could continue within the area.

#### UXO anomaly 4959

- 4.3.2 Target MAG\_4959 (Wessex Archaeology 2017a) comprised four pieces of metallic debris (MAG\_4959\_030317(1, 2.1, 2.2 and 3) or NEMO\_001-004), and as there was potential for them to be aircraft debris, they were reported to Wessex Archaeology and a TEZ was implemented as a precaution, because military aircraft wreckage is automatically protected under the *Protection of Military Remains Act* 1986. After an initial review of ROV images, and in discussion with Historic England and the Ministry of Defence, it was agreed to review geophysical data, ROV footage and to recover the four items for identification.
- 4.3.3 Of the four pieces recovered, only one has been identified as potential aircraft (MAG\_4959\_030317(3)/NEMO\_001) (**Plate 6**). The material appeared to be a rib from either the rudder, elevator, aileron, or tailplane of a multi-engine Second World War military aircraft. If it were from a single engine aircraft, it may be an outer wing rib. It showed the typical formed and folded construction of these items, with a tooling hole evident for the press block (Wessex Archaeology 2017a). Neither the origin or nationality was identifiable from the material.
- 4.3.4 The remaining three pieces (MAG\_4959\_030317(1, 2.1 and 2.2)/NEMO\_002-003) were confirmed to be fishing gear. Although the fishing gear was not directly connected with the aircraft material, it suggests the possibility that the aircraft material could have been moved along the seabed as a result of fishing activities in the area.
- 4.3.5 The assessment showed no specific debris area indicative of an aircraft crash site, and therefore it is possible that the material had been moved from another site, and the TEZ was lifted.

#### Ferrous debris

4.3.6 Ferrous debris (MAG\_X) comprised an iron band measuring 6003 mm long, 70 mm wide and 20 mm thick (Wessex Archaeology 2017c) (**Plate 7**). The iron band is from a vessel of the late 19th or early 20th century. The item is likely a metal reinforcement and protective element attached to the hull of a small merchant ship (Cooper 1955, 39). It is similar to the longitudinal iron reinforcements used on the Thames sailing barge, an example of a type of commercial sailing boat once common on the River Thames in London in the 19th Century. This type of metallic reinforcements was necessary to give greater resistance to the wooden structure of the hull because they were often intended to transport heavy loads, bricks, cement and grain by the shallow waters of the Thames. It is not associated with any further remains from a wreck and appears to be a stray item, possibly lost or discarded from a relatively modern vessel. The metal debris is of low archaeological interest.

#### UXO anomalies 6382 and 6384

4.3.7 These two targets were identified as of possible archaeological interest during the ROV UXO survey. The material was recovered to the surface in June 2017 for further assessment.



#### Cannon

- 4.3.8 MAG\_6382 is a cannon identified as an English iron 3-pounder gun of 5 feet 6 inches in length (**Plate 9**). The shape of the cascabel, the presence of the chase astragal and fillet and the overall proportions suggest that it was cast to the Borgard pattern (Trollope 2005) which means this cannon is a standardized calibre cannon.
- 4.3.9 It was in 1716 when the Board of Ordnance accepted the standardization of artillery and gun carriages designed by Albert Borgard. From this time, cannon became known by the weight of the round shot they fired.
- 4.3.10 The size of the cannon suggests a 3-pounder, a small type of cannon often associated with merchant ships before the 19th century. It is likely an English cannon, cast between 1715 and 1727, but could have been as late as the 1770s.
- 4.3.11 The cannon was moved and stored at the Wessex Archaeology facilities in Salisbury where the work of deconcretion, recording and conservation were carried out. Due to the possibility that cannon MAG\_6382 was loaded, given that the bore of it was sealed by a tampion and that the fuse was protected by a lead apron, the cannon was analysed on 7 August 2018 by a UXO specialist from Ramora UK using X-rays. The results were analysed, and on 23 November 2018 the specialist returned to remove the tampion and empty the contents of the barrel (Wessex Archaeology 2018).
- 4.3.12 The cannon continues to be stored in a water tank at Wessex Archaeology's Salisbury facility where it is undergoing conservation treatment by immersion in an alkaline water solution to prevent corrosion. This solution is changed periodically to extract the salt from the iron of the cannon.
- 4.3.13 Items that have been recovered in relation to the cannon include the tampion, two legs, leather fragments and a lead apron, all of which have been deposited in the Wessex Archaeology facilities in Salisbury where they are receiving conservation treatment.

## Wood and metal debris

4.3.14 MAG\_6384 is wooden and metal debris of a late 19th/early 20th century vessel comprising 24 timbers and four metal knees (**Plate 8**). Elements include possible ceiling plank, possible frame with metal joining system through metal knee fixed with a square head bolt and possible metal knee used as structural reinforcement. This material has been identified as part of a late 19th/early 20th century vessel, probably part of a Thames Barge, and therefore unlikely to be related to the possible cannon found 16 m to the west at MAG\_6382.

#### Summary

- 4.3.15 No specific debris area indicating a concentration of material was found within the 50 m TEZ, and therefore the TEZ was lifted.
- 4.3.16 The material is currently stored at Wessex Archaeology, and the cannon is undergoing conservation.

#### 4.4 Anchors

4.4.1 Nine anchors were recovered during the post-consent works (Appendix 1). Following recovery they were held for further investigation by suitably qualified marine archaeologists. To facilitate their reporting under the Merchant Shipping Act 1995, the Receiver of Wreck, Alison Kentuck, visited the site where the anchors were held, to confirm which anchors required reporting through the Act. Of the nine anchors, four were considered to be of



- archaeological interest (MAG\_3708 (70493), MAG\_6854 (70213), MAG\_7618 (70362), and MAG\_11086 (70052)).
- 4.4.2 MAG\_3708 is an iron stock anchor measuring 1490 mm x 1200 mm x 150 mm. The anchor could date to the second quarter of the 19th century at the earliest. However, it is more likely that this anchor was manufactured at a much later date as similar anchors were common from the 1840s (**Appendix 2: MAG 3708; Plate 1**).
- 4.4.3 MAG\_6854 is an iron anchor measuring 2000 mm x 200 mm, identified as being an Admiralty Pattern type, with a straight shank and a circular cross-section that increases in diameter towards the crown. The arms are also rounded in section and each flat palm extends to a pronounced point at the bill (**Appendix 2: MAG\_6854, Plate 2**).
- 4.4.4 MAG\_7618 is a stockless anchor. Due to the absence of measurements or clear photographs, which would offer more accurate characteristics and a potential date range, it has not been possible to accurately identify or date the stockless anchor MAG\_7618, but it most likely dated to the 20th century (**Appendix 2: MAG\_7618, Plate 3**).
- 4.4.5 Anchor MAG\_11086 measures 1490 mm x 940 mm. The anchor is likely to be an example of a Jones & Lloyd's 'Lloyd's' patent stockless anchor, which was sanctioned in 1898, and may have originated from a merchant vessel dating to the 20th century (**Appendix 2: MAG\_11086, Plate 4**).

#### 4.5 Possible UXO

- 4.5.1 The possible UXO were observed by divers/ROV during the UXO investigation. In all cases, UXO requirements take precedence over archaeological recording, and therefore these items were dealt with as per UXO procedures. Therefore none of this material was retained for further archaeological assessment.
- 4.5.2 A buoyant mine (MAG\_7730 (70392)) was investigated by a dive team during UXO operations and identified as a buoyant mine. It was destroyed *in situ*.
- 4.5.3 Target MAG\_3616 (70472) was investigated by a dive team during UXO operations and was found to be a ferrous item, though to be the mine chair from a German GU moored mine, which was recovered to deck.
- 4.5.4 A possible munition (MAG\_3282 (70433)) was investigated by a dive team during UXO operations, and identified as metal debris, possibly related to munitions, but with no explosive content. The item was recovered to deck.

#### 4.6 Natural

4.6.1 MAG 3487 A was a rounded stone (originally identified as a cannonball).

## 5 REPORTING TO THE RECEIVER OF WRECK

5.1.1 Archaeological artefacts that come from a ship are 'wreck' for the purposes of the *Merchant Shipping Act* 1995, and therefore material that was recovered that is covered by this act was reported to the Receiver of Wreck. The Reports of Wreck and Salvage Forms that were submitted to the Receiver of Wreck by Wessex Archaeology are listed in **Table 3**.



 Table 3
 Material reported to the Receiver of Wreck

Target	Find ID	Description
MAG_6384	WA 7001- 7027	Assemblage from the same context: 24 timbers of wood (planks and frames) with different measurements and states of conservation. Some timbers have treenail holes. There are four metal reinforcements (metal knees)
MAG_X	MSF6200 (WA7028)	Metal band, 8 m in length, with a width of 5 cm and a thickness of 1 cm. The band has square section nails, 10 cm in length and 2 cm width, along its length.
MAG_3487_A	WA7029 & 7030	One stone cannonball 600 mm in diameter, which was confirmed as natural.
MAG_3708 (70493)		One iron anchor 1500 mm in length.
MAG_6382 (7430)		One heavily concreted cast iron cannon 1900 mm long, 300 mm in diameter at widest point.
MAG_4959_030317(3) (7413)	NEMO_001	One small fragment of aircraft debris that appeared to be a rib from either the rudder, elevator, aileron or tailplane of a multi-engined aircraft, it may be an outer wing rib.
MAG_4959_030317(1) (7413) MAG_4959_030317(2.1) (7413) MAG_4959_030317(2.2) (7413)	NEMO-002 NEMO-003 NEMO-004	Three concreted remains of a beam head trawl, comprising the trawl head and two concreted pieces of cable and rope.

5.1.2 For the remaining three anchors (MAG\_6854, MAG\_7618 and MAG\_11086), the Report of Wreck and Salvage Forms were completed and forwarded to the Receiver of Wreck by the chandler who is storing the anchors on display.

#### 6 CONCLUSION

#### 6.1 Summary

- 6.1.1 The archaeological assessment of geophysical survey data assessed all 709 targets. The 709 targets can be classed as follows:
  - a total of 15 were assigned an A1 archaeological rating of archaeological interest, two located within 20 m of the RPL;
  - a total of 604 were assigned an A2 archaeological rating of possible archaeological interest, with 124 located within 20 m of the RPL;
  - one item, a recorded obstruction, was assigned an A3 archaeological discrimination of possible archaeological interest;
  - eighty-nine items were given an O3 archaeological discrimination, as they were recovered following the 2016 geophysical data acquisition.
- 6.1.2 AEZs were avoided by construction works, and where disturbance of an AEZ was required (MAG\_11081), the site was reviewed in detail to ensure that no works would impact archaeological material.
- 6.1.3 All three TEZs were removed following the recovery of material and further archaeological assessment.
- 6.1.4 The cannon (MAG\_6382) that was recovered and transported to Wessex Archaeology's Salisbury office is still undergoing conservation. . The cannon is submerged in a water tank



for desalination treatment using an alkaline solution that allows its deterioration to be halted. Other finds being conserved are the muzzle cord, a cord from the breach, the leather and wooden fragments from the inside of the bore and the tampion. It is recommended that all these conservation processes be completed to achieve full stabilisation of the finds for subsequent deposition in an institution and perhaps its display in the future.

- 6.1.5 The MoD has confirmed that the aircraft material recovered from MAG\_4595) can be discarded. The fishing gear also from MAG\_4595 has already been discarded as it was confirmed as of no archaeological interest.
- 6.1.6 The material recovered from MAG\_6389 and the iron band (MAG\_X) has been discarded, with the approval of the Receiver of Wreck.
- 6.1.7 The nine anchors were recovered and assessed on site as to their archaeological importance. In order to facilitate the reporting of the anchors under the *Merchant Shipping Act* 1995, the Receiver of Wreck, Alison Kentuck, visited the site, and indicated that four of the nine anchors should be reported (and see **Appendix 2**). One anchor was brought to Wessex Archaeology's Salisbury office for further assessment (MAG\_7308), but it has since been discarded with the approval of the Receiver of Wreck. Three anchors were transported to the chandlery for display and ongoing storage. The chandlery submitted the Report of Wreck and Salvage Forms to the Receiver of Wreck, and therefore should the Receiver of Wreck have any further interest in the anchors, the chandlery will be contacted directly. The remaining five anchors were identified as modern and not of archaeological interest, and therefore they were disposed of.
- 6.1.8 The possible stone cannonball, that was confirmed as natural, has been discarded.

#### 6.2 Archive

6.2.1 An OASIS record has been created for this report: **wessexar1-352948**, and it, and the associated reports (Wessex Archaeology 2017a-c, 2018) will be uploaded once approved by the Client.



#### **BIBLIOGRAPHY**

- Cooper, F S 1955 A handbook of sailing barges: Evolution and details of hull and rigging. Southampton, Adlard Coles Limited.
- Gardline Geoservices Limited (Gardline) 2016a FIELD/OPERATIONS REPORT for New Subsea Cable Survey: Nemo Link Pre-Engineering and UXO Survey. Reference: 2016 14-233-SUB-REP-008
- Gardline Geoservices Limited (Gardline) 2016b FINAL INTEGRATED INTERPRETATIVE REPORT for New Subsea Cable Survey: Nemo Link Pre-Engineering and UXO Survey. Reference: J14-233-SUB-REP-012
- Sea Change Heritage Consultants 2016a Archaeological Written Scheme of Investigation. Rev 2. July 2016, Document Reference: 743400608/140708a
- Sea Change Heritage Consultants 2016b Protocol for Reporting Finds of Archaeological Interest. Rev 1. June 2016, Document Reference: 743400608/140708b
- Trollope, C 2005 The design and evolution of English cast-iron guns:1660 to 1725. J Ord Soc, 17, 49-58
- Wessex Archaeology 2016 Project Nemo UK-Belgium Electrical Interconnector Richborough to West Zeebrugge Archaeological Environmental Impact Assessment Volume I. Reference 73390.03
- Wessex Archaeology 2017a NEMOLink, Temporary Exclusion Zone, Archaeological Investigation of UXO Anomaly 4959. Reference 115580.01
- Wessex Archaeology 2017b Archaeological Assessment of Geophysical Data (UK route corridor).

  Reference 115580.04
- Wessex Archaeology 2017c NEMOLink, Temporary Exclusion Zone, Archaeological Investigation of Ferrous Debris. Reference 115580.03.
- Wessex Archaeology 2018 NEMOLink, Temporary Exclusion Zone, Archaeological Investigation of UXO Anomaly 6382 and 6384. Reference 115580.02



# **APPENDICES**

# Appendix 1: Gazetteer of Geophysical Anomalies, with Details from UXO Assessment

WA_ID	Classification	Easting	Northing	Arch Disc	(m)	W (m)	H (m)	Mag Amp (nT)	Description	UXO ref number
7002	Magnetic	388062	5686469	О3	-	-	-	535	Medium symmetrical dipole seen in the magnetic data, close to a number of anomalies. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Observed in the 2010 data as a magnetic anomaly of 87 nT with no surficial representation, position updated. Metallic debris, possibly fishing gear, was recovered by a dive team during UXO operations (Deep Ocean, 2017), and were not thought to be of archaeological interest.	MAG_11041
7003	Magnetic	388084	5686612	A2	-	-	-	192	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, likely more than one object. Observed in the 2010 data as a magnetic anomaly of 12 nT with no surficial representation, position updated.	
7004	Magnetic	388251	5686216	A2	-	-	-	203	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Observed in the 2010 data as a magnetic anomaly of 140 nT with no surficial representation, position updated.	
7005	Magnetic	388225	5686377	О3	-	-	-	171	Medium and small asymmetric dipoles and monopoles seen over an area in the magnetic data, appears in a curved 'v' shape indicating a length of linear ferrous material approximately 100 m in length. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Observed in the 2010 data as a magnetic anomaly of 16 nT with no surficial representation, position updated. Investigated by divers and found to be metallic debris comprising, a plough anchor, a flat bar and one or numerous large sections of steel wire rope (Deep Ocean, 2017). Some sections of steel wire rope were noted to have snapped and potentially been left buried. These items were not thought to be of archaeological interest however the potential of some modern debris items remaining should be noted.	MAG_Mask_0149_EXT_A, MAG_Mask_0148_EXT
7006	Magnetic	388308	5686381	О3	-	-	-	55	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Observed in the 2010 data as a magnetic anomaly of 21 nT with no surficial representation, position updated. Investigated and found to be metal debris recovered by a dive team during UXO operations (Deep Ocean, 2017), not thought to be of archaeological interest.	MAG_11158
7007	Magnetic	388536	5686263	О3	-	-	-	81	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Observed in the 2010 data as a magnetic anomaly of 10 nT with no surficial representation. Feature was investigated and thought to be a metallic item of debris by a dive team during UXO operations (Deep Ocean, 2017). Another, possibly associated metallic debris item was identified approximated 8 m to the south-west which was dived and thought to be a marker buoy. Both objects were recovered to deck.	MAG_11262, MAG_11267
7008	Magnetic	388534	5686321	О3	-	-	-	74	Small symmetrical dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Observed in the 2010 data as a magnetic anomaly of 11 nT with no surficial representation. Investigated and found to be a lorry tyre by a dive team during UXO operations (Deep Ocean, 2017). Object was recovered to deck and not thought to be of archaeological interest.	Mag_11266
7010	Debris	388624	5686195	A2	3.1	1.2	0.7	-	Observed in the 2010 data as an angular dark reflector with height but no associated magnetic anomaly. A small magnetic anomaly less than the threshold can be seen in the 2016 data. Possibly a piece of low or non-ferrous debris that has become buried.	
7011	Magnetic	388823	5686063	A2	-	-	-	669	Medium asymmetric dipoles seen in the magnetic data indicating a length of ferrous debris (approximately 30 m long). No defined surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, close to 70109. Observed in the 2010 data as a dark reflector with height (3.5 x 0.4 x 0.5 m) outside of the magnetic data, possibly more than one dark reflector amongst rough ground, assumed associated, position updated.	
7012	Magnetic	388973	5686205	A2	-	-	-	1438	Large asymmetrical dipole seen on multiple lines in the magnetic data, covering approximately a 30 m area. No defined surficial representation. Located amongst minor bedforms. Close to a group of magnetic anomalies. Indication of buried ferrous debris. Observed in the 2010 data as a magnetic anomaly of 18 nT, position close to two anomalies closest anomaly chosen and position updated.	
7013	Magnetic	388873	5686275	A2	-	-	-	131	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment, close to a group of items seen in the sidescan sonar and bathymetry, 70653 and 70654. Indication of buried ferrous debris. Observed in 2010 data as a magnetic anomaly of 8 nT, no surficial representation, position updated.	
7014	Debris	388960	5685871	A2	35	0.7	0.2	423	Curvilinear dark reflector with height, indicating a partially buried linear object with magnetic anomaly associated; medium asymmetric dipole that extends further than the object visible on the seafloor (by approximately 30 m). Located amongst minor bedforms. Partially buried linear ferrous object. Observed in 2010 as a magnetic anomaly of 49 nT with no surficial representation, position updated.	
7015	Magnetic	389088	5686018	О3	-	-	-	866	Large asymmetric dipole seen in the magnetic data. No defined surficial representation. Located close to a number of magnetic anomalies and amongst minor bedforms. Indication of buried ferrous debris. Observed in 2010 as a magnetic anomaly of 13 nT with no surficial representation, location updated. Investigated and found to be three metallic items of debris, including a plough head, by a dive team during UXO operations (Deep Ocean, 2017). Objects are reported as being recovered to deck.	MAG_Mask_0118
7016	Debris	389174	5685947	A2	4.3	0.8	0.2	-	Observed in the 2010 data as a short linear dark reflector with shadow found amongst stretched data but without an associated magnetic anomaly. Located in an area of sand ripples and possibly a piece of partially buried non-ferrous debris. Close to a number of magnetic anomalies (70136 and 70142) in the 2016 data, but not directly seen in the 2016 data, therefore not confident of association, with possibly burial due to sediment mobility.	



7017	Recorded obstruction	389200	5685809	А3	-	-	-	-	Area of foul ground from the remains of a recent recorded wreck of the Pisces (15159 UKHO; 1995). Seen amongst an area of bedforms indicating likely burial, but close to a collection of debris, unconfirmed if related. No clear vessel wreck in the 2016 data, but position	
7018	Magnetic	389456	5686022	A2	-	-	-	319	maintained.  Medium asymmetric dipole seen in the magnetic data. No defined surficial representation. Located amongst a number of magnetic anomalies and bedforms, with rough ground. Indication of buried ferrous debris. Observed in 2010 as a magnetic anomaly of 7 nT with no surficial representation, position updated.	
7019	Debris	389470	5685853	O3	1.9	0.7	0.4	80	Small symmetrical dipole in the magnetic data. Close to a dark reflector seen on the seabed, assumed associated. A disturbance can be seen in the bathymetry to confirm position. Located amongst an area of bedforms. Indication of ferrous debris, possibly partially buried. Observed in 2010 as an isolated dark reflector with height (1.4 x 0.4 x 0.3 m) with no noted magnetic anomaly located amongst bedforms with additional debris seen in 2016; position updated. Investigated and found to be numerous small items of debris/rocks containing ferrous material by a dive team during UXO operations (Deep Ocean, 2017). Objects are reported as being recovered to deck.	MAG_6694
7020	Magnetic	389669	5685863	A2	-	-	-	114	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst rough ground and bedforms. Indication of buried ferrous debris, but with magnetic variance in the area. Observed in 2010 as a magnetic anomaly of 6 nT with no surficial representation, position updated.	
7021	Dark reflector	389658	5685681	A2	4.6	1.4	0.3	-	Observed in the 2010 data as an indistinct dark reflector with shadow but without an associated magnetic anomaly. Could be natural or a piece of non-ferrous debris. Not identified in 2016.	
7022	Magnetic	389887	5685872	A1	-	-	-	4463	Very large asymmetric dipole seen on many different lines over a large area (approximately 150 m) in the magnetic data. No surficial representation seen but located amongst large bedforms, almost following the peak of one large bedform. Indication of large ferrous debris. Observed in 2010 as a magnetic anomaly of 11 nT, with no surficial representation; position updated. Nothing seen on chart, located approximately 400 m south of the West Quern buoy.	
7023	Magnetic	389955	5685758	A2	-	-	-	298	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 7022. Observed in 2010 as a magnetic anomaly of 11 nT with no surficial representation, position updated.	
7024	Wreck	389784	5685533	A1	39.6	7.1	0.35	32014	Upright wreck, appears to be relatively intact with a depression in its centre seen in all datasets, with the outline seen in the sidescan sonar and bathymetry and a very large asymmetric dipole present in the magnetic data. Wreck orientated SSW-NNE, identified at the edge of a bedform. Possibly listing slightly towards the west, and partially buried by seabed sediments along its western edge. Observed in 2010 as a previously unrecorded wreck, updating the UKHO data (85569) it was observed in the sidescan sonar (31.4 x 4.8 x 0.8 m), bathymetric and magnetic (66 nT) data.	
7025	Debris	390808	5685329	A2	6.7	4.4	0.25	366	Collection of strong dark reflectors with height seen in the sidescan sonar data, associated with a medium slightly asymmetric dipole seen on a number of lines indicating a number of ferrous objects. Also seen as a mound in the bathymetry data, amongst an area of bedforms. Indicating a number of closely positioned objects or one textured object of ferrous debris, possibly with additional debris still buried. Observed in the 2010 data as a magnetic anomaly of 53 nT with no surficial representation, indicating sediment movement, position updated. No items were identified by dive team during UXO operations (Deep Ocean, 2017), so the item is unconfirmed and may be	MAG_Mask_0140_A
7026	Magnetic	390927	5685348	A2	-	-	-	331	buried deeper than investigated. As such, the feature has been retained as an A2 anomaly.  Medium asymmetric dipole seen in the magnetic data. Amongst an area of bedforms. No surface representation seen, indicating buried ferrous debris. Observed in the 2010 data as a magnetic anomaly of 6 nT with no surficial representation, position updated.	
7027	Debris Field	391279	5685143	A1	52.2	5.2	0.2	3254	Very large asymmetric dipole seen in the magnetic data, covering a large area (approximately 50 m in length). Associated distinct dark reflectors with height, indicating a debris field of approximately 10 m seen in the sidescan sonar data. Slight indication of debris and scour in the bathymetry data, but not defined. Located amongst an area of bedforms indicating that the majority of the structure indicated by the magnetic data is buried. Observed in 2010 as debris, an area of dark reflectors (21.9 x 17.6 x 0.0 m) with a medium magnetic anomaly of 59 nT.	
7028	Magnetic	391392	5685069	A2	-	-	-	430	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst an area of bedforms. Indication of buried ferrous debris, close to 7027. Observed in 2010 as a magnetic anomaly of 19 nT, with no surficial representation, position updated.	
7029	Dark reflector	391445	5685054	A2	1.9	0.7	0.4	-	Dark reflector seen in the sidescan sonar data, no clear shadow indicating height but potential linear feature extending from object. No associated magnetic anomaly, nor identifiable in the bathymetry. Possibly partially buried debris. Observed in 2010 as debris, short linear dark reflector (8.1 x 0.7 x 0.0 m) amongst stretched data, with no associated magnetic anomaly.	
7030	Debris	391396	5685122	A1	2.4	0.8	0.2	2213	Very large asymmetric dipole in the magnetic data, with associated dark reflector with height seen in the sidescan sonar. A slight depression is seen in the bathymetry. Located amongst an area of bedforms. Close to a large anomaly 7027. Indication of ferrous debris, possibly partially buried. Observed in 2010 as debris, two adjacent angular dark reflectors with height in stretched data (1.8 x 0.9 x 0.0 m), with no apparent magnetic anomaly, position updated.	
7031	Magnetic	391663	5684909	A2	-	-	-	78	Small positive monopole seen in the magnetic data. No surficial representation in 2016. Located amongst an area of bedforms. Indication of buried ferrous debris, close to a number of magnetic anomalies. Observed in 2010 as debris, displayed as a linear alignment of dark reflectors with height in stretched data (9.4 x 0.1 x 0.2 m) with no notable magnetic anomaly, possibly now buried under bedforms.	
7033	Debris	391846	5685013	A1	2.7	1	0.2	2545	Two dark reflectors with heights seen amongst the bedforms in the sidescan sonar data, one linear and one curved. Indication that they are partially buried. Associated with a very large asymmetric dipole seen on multiple lines covering an area of approximately 30 m in the magnetic grid. Located amongst an area of bedforms. Indication of partially buried ferrous debris. Observed in the 2010 data as a small but well defined magnetic anomaly of 36 nT, with no surficial representation; position updated.	
7034	Debris	392410	5684948	A2	4.3	0.6	0.5	919	Dark reflector with height, located in an area of bedforms in the sidescan sonar data. Possibly partially buried. Associated with a large asymmetric dipole in the magnetic data. Seen near a number of other anomalies (70392, 70396) and in line with the background magnetic variance indicating the underlying geology. Located amongst an area of bedforms. Indication of buried ferrous debris. Observed in 2010 data as two adjacent dark reflectors with height (16.5 x 2.2 x 0.4 m) with no magnetic anomaly, position updated. Possibly second object buried in the bedforms.	
7035	Debris	392573	5685151	A2	22.8	1.1	0.5	-	Observed in the 2010 data as a linear alignment of numerous dark reflectors with large shadows seen amongst stretched data, with no associated magnetic anomaly. Possible area of non-ferrous debris or natural. Not seen in the 2016 data and may have become buried.	



7036	Magnetic	392925	5685178	A1	-	-	-	3514	Very large very asymmetric dipole seen in the magnetic data. Located amongst minor bedforms. Close to a second anomaly 70417 (22 m apart), possibly associated. Indication of buried or partially buried ferrous debris. Observed in the 2010 data as a magnetic anomaly of 13 nT, position updated.
7037	Dark reflector	392912	5685102	A2	1.7	0.3	0.3	-	Observed in 2010 as an elongate dark reflector with a shadow but without an associated magnetic anomaly. Could be natural or a piece of non-ferrous debris. Not seen in 2016.
7038	Debris field	393047	5685030	A1	13	11	0.3	5611	A number of dark reflectors and shadows were seen in the sidescan sonar data with corresponding magnetic anomalies seen in the magnetic data (very large to medium asymmetric dipoles). There is an area of background magnetic variance that may indicate underlying geology in line with the anomaly. The texture and appearance of the reflectors indicate that the feature may be an area of debris or an outcropping of the seabed. The bathymetry data shows two edges of a feature, but does not provide any further definition than seen in the sidescan sonar, position update to the bathymetry. Observed in 2010 as a small area of disturbed seabed with magnetic anomaly of 52 nT, the position has been updated using the recent bathymetry.
7039	Magnetic	393159	5685047	A2	-	-	-	403	Medium asymmetric dipole seen in the magnetic data. Seen amongst a number of other anomalies. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. Observed in 2010 as a magnetic anomaly of 8 nT, original position between two current magnetic targets due to a greater resolution dataset, but as this anomaly is the largest this was that assumed to be associated, position updated.
7047	Debris	394777	5685245	A1	22.2	10.7	-	43	Outside of the data extents for 2016. Observed in the 2010 data as an area of angular bright reflectors associated with a medium magnetic anomaly. Probably an area of ferrous debris, or the remains of a highly degraded structure. Located outside of the cable route corridor, however the AEZ extends approximately 20 m into the corridor.
7048	Magnetic	395165	5685373	A1	-	-	-	2617	Very large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of shallow buried ferrous debris. Observed in the 2010 data as a magnetic anomaly of 8 nT with no surficial representation, position updated.
7049	Debris	395957	5685445	A1	7.2	6.5	0.9	6	Outside of the data extents for 2016. Observed in the 2010 data as a large, elongated dark reflector (or collection of reflectors) with large shadow and associated with a small magnetometer contact. Identified on multibeam bathymetry data as a depression measuring 22 x 15 x 0.5 m, probably representing a scour. Probably an area of debris or the remains of a badly degraded structure. Observed at the location of a live UKHO obstruction (foul ground; 75358). Located outside of the corridor, however the AEZ extends approximately 5 m into the corridor.
7051	Debris	396272	5685651	A2	2.9	0.5	0.6	-	Elongated dark reflector with height seen in the sidescan sonar data, well defined. No associated magnetic anomaly. Indicating a length of non-ferrous debris. Observed in the 2010 data as a short linear dark reflector with height (5.3 x 0.3 x 0.4 m) with no associated magnetic anomaly.
7052	Debris	396386	5685640	A2	2.7	1.4	0.8	750	Dark reflector with height seen in the sidescan sonar data with an associated magnetic anomaly (750 nT) indicating debris, located (position provided) at what appears to be the end of a long dark curvilinear reflector with slight height (166 x 0.2 x 0.1 m), also seen in the sidescan sonar data, with associated magnetic variance and anomalies (80 - 440 nT). Seen on a number of lines, possibly linked to further anomalies but unable to confirm with confidence. Objects seen along the length, as possible items of debris, but most defined at the end (70462, 70465, 70467, 70468, 70470 and 70471). Likely recent anthropogenic debris, either caught on debris on the seabed or all part of the same event. Observed in the 2010 data as a long curvilinear dark reflector with small height (150 x 0.5 x 0.2 m) with no apparent magnetic anomaly (variance seen).
7055	Dark reflector	396525	5685688	A2	3.5	1.5	0.6	-	Dark angular reflector with height seen in the sidescan sonar data. Slight change seen in the bathymetry data. No associated magnetic anomaly apparent. Near to a linear dark reflector indicating rope or chain, possibly linked. Likely non-ferrous debris. Observed in the 2010 data as a dark reflector with height (2.2 x 0.6 x 0.5 m) with no associated magnetic anomaly.
7056	Bright reflector	396486	5685711	A2	2.4	1.9	-	-	Observed in the 2010 data as an elongated bright reflector without an associated magnetic anomaly. Could be natural or a piece of non-ferrous debris. Not seen in the 2016 data, potentially buried.
7058	Debris	396605	5685728	A1	3.5	1.5	0.2	2952	Large dark reflector with height seen in the sidescan sonar data, appears to look like an anchor, with a long linear dark reflector, looped back on itself seen extending from the object, indicating an anchor and chain (or ferrous core rope and debris). Position of the item of debris used. Associated very large magnetic anomalies correlate along the length of the contact. A slight change is seen in the bathymetry data, but nothing definitive. The chain appears to be approximately 30 m in length, with the anchor shaped debris approximately 3.5 m by 1.5 m, and the whole area extending over approximately 25 x 11 m. Likely recent anthropogenic material. Observed in the 2010 data as a curvilinear dark reflector with small height (26.0 x 0.2 x 0.2 m) with no apparent magnetic anomaly (variance seen).
7064	Magnetic	397457	5686061	A2	-	-	-	198	Medium asymmetric dipole seen in the magnetic data. No surficial representation in 2016. Located amongst bedforms, indicating buried ferrous debris. Observed in the 2010 data as a dark reflector with height (0.8 x 0.1 x 0.6 m) with no apparent magnetic anomaly (due to different specification).
7083	Debris	408951	5687176	A2	102.0	0.5	0.1	705	Long linear magnetic anomaly seen in the magnetic data, with some peaks along the linear as a medium asymmetric dipole (110 nT), with a medium asymmetric dipole (705 nT) seen at the northern end of the linear feature indicating large ferrous debris attached to a length of ferrous material. A linear dark reflector is seen in sections along the magnetic anomaly in-between the bedforms, indicating partially buried length of ferrous debris, likely rope / chain. Length is that seen in the magnetic data. Previously seen in the 2010 data as a magnetic anomaly of 12 nT with no surficial representation; position updated. More recently noted in the UKHO data as an anchor and chain (87133), with the anchor standing height approximately 1.5 m above the seabed. Unconfirmed if recovered.
7084	Debris	408819	5687259	A2	18.8	7.9	-	917	A number of dark and bright reflectors seen amongst seafloor disturbance in the sidescan sonar data located amongst rough ground and bedforms. Appears associated with a large asymmetric dipole seen in the mag data covering a large area (approximately 18 m). No clear structure visible indicating that there may be partial burial of ferrous debris. Observed in the 2010 data as a magnetic anomaly of 50 nT with no surficial representation apparent, indicating burial at that time.
7428	Magnetic	388631	5686230	A2	-	-	-	34	Small asymmetric dipole seen on the magnetic data only. Not seen in the sidescan sonar or bathymetry data, indicating buried ferrous debris. Located amongst flat seabed and mobile fine sediment. Near larger anomalies 7430 and 7431 - approx. 30 m away. Identified during a separate temporary exclusion zonae assessment (115580.02).



7429	Magnetic	388703	5686256	A2	-	-	-	20	Small asymmetric dipole seen on the magnetic data only. Not seen in the sidescan sonar or bathymetry data, indicating buried ferrous debris. Located amongst flat seabed and mobile fine sediment. Approximately 46 m from 7430. Identified during a separate temporary	
7430	Magnetic	388667	5686228	O3	-	-	-	71	exclusion zonae assessment (115580.02).  Small asymmetric dipole seen on multiple lines in the magnetic data. No defined surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. This item corresponds with MAG_6382 (a recovered cannon) identified by Dynasafe BACTEC and Bluestream during ROV operations on the 2017 UXO survey of NEMOLink (115580.02). Anomaly now recovered during ROV operations and not present on the seabed.	MAG_6382
7431	Magnetic	388683	5686226	O3	-	-	-	65	Small asymmetric dipole seen in the magnetic data. No defined surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. This item corresponds with MAG_6384 (wooden and metal debris) identified by Dynasafe BACTEC and Bluestream during ROV operations on the 2017 UXO survey of NEMOLink (115580.02). Anomaly now recovered during ROV	MAG_6384
7432	Magnetic	388395	5686276	A2	-	-	-	385	operations and not present on the seabed.  Medium asymmetric dipole seen in the magnetic data next to an area of magnetic variance that appears to join between identified magnetic targets (7433, 7434, 70088), indicating a linear object. No surficial representation, indicating buried ferrous debris. Located approximately 15 m from the as found location of an item of debris discovered by a dive team (unconfirmed if related), but possibly related to the steel wire recovered by a dive team during UXO operations (Bactec Dynasafe 2017 (21/07/2017)) (115580.03). Partially recovered from the seabed. Due to the potential of further debris the magnetic anomaly is retained as an A2.	MAG_Mask_0286_B
7433	Magnetic	388421	5686272	A2	-	-	-	277	Main anomaly is a medium asymmetric dipole, with a number of peaks and troughs seen in the magnetic data amongst an area of magnetic variance, indicating either a couple of objects or a length of debris connected with nearby anomalies. No surficial representation, indicating buried ferrous debris. Located approximately 12 m from the as found location of an item of debris discovered by a dive team (unconfirmed if related), but possibly related to the steel wire recovered by a dive team during UXO operations (Bactec Dynasafe 2017 (21/07/2017)) (115580.03). Partially recovered from the seabed. Due to the potential of further debris the magnetic anomaly is retained as an A2.	MAG_Mask_0286_B
7434	Magnetic	388449	5686276	A2	-	-	-	84	Small asymmetric dipole seen in the magnetic data amongst an area of magnetic variance, indicating a linear object likely connecting with nearby anomalies, 7432, 7433 and 70088 (which were located close to or possibly related to the steel wire recovered by a dive team during UXO operations (Bactec Dynasafe 2017 (21/07/2017)) (115580.03). Located amongst flat seabed and mobile fine sediment. No surficial representation, indicating buried ferrous debris. Possibly now recovered from the seabed.	
70000	Magnetic	387797	5686364	A2	-	-	-	754	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to 70001, possibly associated.	
70001	Magnetic	387808	5686366	A2	-	-	-	605	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to 70000 possibly associated.	
70002	Magnetic	387819	5686464	A2	-	-	-	70	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70003	Magnetic	387831	5686424	A2	-	-	-	106	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70004	Magnetic	387845	5686393	A2	-	-	-	198	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, next to and possibly associated with 70005 and 70006.	
70005	Magnetic	387851	5686401	A2	-	-	-	489	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, next to and possibly associated with 70006 and 70004.	
70006	Magnetic	387852	5686412	A2	-	-	-	267	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, next to and possibly associated with 70005 and 70004.	
70007	Magnetic	387870	5686558	O3	-	-	-	715	Medium asymmetric dipole seen in the magnetic data, with a number of smaller peaks seen indicating potential for a collection of objects or positional offset. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of a group of buried ferrous debris. Two metal bars were recovered by a dive team during UXO operations (Deep Ocean, 2017), these were not thought to be of archaeological interest.	MAG_10963, MAG_10966
70008	Magnetic	387871	5686600	О3	-	-	-	106	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Assessed to be a section of pipe, removed from site by a dive team during UXO operations (Deep Ocean, 2017), not thought to be of archaeological interest.	MAG_10967
70009	Magnetic	387888	5686354	A2	-	-	-	277	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, possibly more than one item.	
70010	Magnetic	387897	5686560	О3	-	-	-	159	Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Identified as metallic debris not of archaeological interest recovered by a dive team during UXO operations (Deep Ocean, 2017).	MAG_10980
70011	Magnetic	387904	5686663	A2	-	-	-	474	Medium asymmetric dipole seen in the magnetic data, many peaks seen indicating potential for a collection of objects. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of a group of buried ferrous debris.	
70012	Magnetic	387923	5686572	О3	-	_	-	361	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, appears to be more than one item. A collection of metal debris were recovered by a dive team during UXO operations (Deep Ocean, 2017), these were not thought to be of archaeological interest.	MAG_10996, MAG_10990, MAG_10989, MAG_10992
70013	Magnetic	387926	5686591	О3	-	-	-	500	Medium asymmetric dipole seen in the magnetic data, close to a number of anomalies. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Identified as a metal bar, recovered by a dive team during UXO operations (Deep Ocean, 2017), not thought to be of archaeological interest.	MAG_10993
70014	Magnetic	387930	5686625	A2	-	-	-	160	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	



70015	Magnetic	387932	5686386	A2	-	-	-	73	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70016	Magnetic	387934	5686732	A2	-	-	-	123	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70017	Magnetic	387937	5686542	A2	-	-	-	109	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. No items were identified by dive team during UXO operations (Deep Ocean, 2017), noted as dispersed during dredging. The item is unconfirmed as cleared and an item may be buried deeper than investigated (>5 m). As such, the feature has been retained as a precaution.	MAG_10998
70018	Debris	387947	5686763	A2	1	0.4	0.2	49	Dark reflector with height seen in the sidescan sonar data, appears partially buried, with associated magnetic anomaly; a small asymmetric dipole. Located amongst flat seabed and mobile fine sediment. Indication of partially buried ferrous debris.	
70019	Magnetic	387959	5686793	A2	-	-	-	84	Small asymmetrical dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70020	Magnetic	387963	5686453	A2	-	-	-	73	Small positive monopole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70021	Magnetic	387968	5686513	О3	-	-	-	1371	Large asymmetric dipole seen in the magnetic data; positioning offset in a couple of lines. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Metallic debris identified as a barrel was recovered by a dive team during UXO operations (Deep Ocean, 2017),and were not thought to be of archaeological interest.	MAG_11006
70022	Magnetic	387977	5686721	A2	-	-	-	68	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment.  Indication of buried ferrous debris.	
70023	Magnetic	387986	5686397	A2	-	-	-	79	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment.  Indication of buried ferrous debris.	
70024	Magnetic	387988	5686527	A2	-	-	-	46	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, with a small possibility to be linked to drainage channels in the intertidal area. No items were identified by dive team during UXO operations (Deep Ocean, 2017), so the item is unconfirmed and may be buried deeper than investigated. As such, the feature has been retained as an A2 as a precaution.	MAG_11012
70025	Magnetic	387995	5686373	A2	-	-	-	347	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70026	Magnetic	387998	5686425	A2	-	-	-	52	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to 70027.	
70027	Magnetic	388002	5686443	A2	-	-	-	160	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, next to 70026.	
70028	Magnetic	388003	5686330	A2	-	-	-	232	Medium asymmetric dipole seen in the magnetic data, appears slightly elongated. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70029	Magnetic	388012	5686602	A2	-	-	-	42	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70030	Magnetic	388024	5686767	A2	-	-	-	72	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70031	Magnetic	388031	5686476	A2	-	-	-	129	Medium fairly symmetrical dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. No items were identified by dive team during UXO operations (Deep Ocean, 2017), so the item is unconfirmed and may be buried deeper than investigated. As such, the feature has been retained as a feature of potential archaeological interest.	MAG_11030
70032	Magnetic	388036	5686400	A2	-	-	-	71	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70033	Magnetic	388037	5686741	A2	-	-	-	159	Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70034	Magnetic	388038	5686702	A2	-	-	-	120	Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70035	Magnetic	388041	5686525	О3	-	-	-	66	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, may be linked to 70024. During UXO operations (Deep Ocean, 2017), a dive team identified and recovered a metallic item of debris.	MAG_11037
70036	Magnetic	388075	5686591	A2	-	-	-	93	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to 7003 and 70041.	
70037	Magnetic	388080	5686738	A2	-	-	-	79	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70038	Magnetic	388090	5686265	A2	-	-	-	262	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, with a small possibility to be linked to drainage channels in the intertidal area.	
70039	Magnetic	388091	5686246	A2	-	-	-	47	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment.  Indication of buried ferrous debris, with a small possibility to be linked to drainage channels in the intertidal area.	
70040	Magnetic	388105	5686643	A2	-	-	-	210	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, next to and possibly associated with 70045 and 70046.	



70041	Magnetic	388107	5686585	A2	-	-	-	1266	Large asymmetric dipole seen in the magnetic data, appears to have magnetic variance extending from the anomaly possibly additional linear object attached or further debris. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, possibly more than one item.	
70042	Magnetic	388108	5686476	O3	-	-	-	1046	Large asymmetric dipole seen with a second anomaly amongst the larger in the magnetic data, indicating multiple objects. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of a collection of buried ferrous debris. Metallic debris identified as a barrel was recovered by a dive team during UXO operations (Deep Ocean, 2017),and were not thought to be of archaeological interest.	MAG_11064, MAG_11056
70043	Magnetic	388108	5686211	A1	-	-	-	2366	Very large symmetrical dipole seen in the magnetic data. No surficial representation; located amongst flat seabed and mobile fine sediment, although appears to be in a channel formed in the fine sediment in the intertidal area. Indication of buried ferrous debris.	
70044	Magnetic	388109	5686367	A2	-	-	-	191	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, possibly more than one object, close to 70048, possibly associated.	
70045	Magnetic	388109	5686661	A2	-	-	-	202	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, next to and possibly associated with 70046 and 70040.	
70046	Magnetic	388122	5686655	A2	-	-	-	204	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, next to and possibly associated with 70045 and 70040.	
70047	Magnetic	388122	5686237	A2	-	-	-	191	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70048	Magnetic	388123	5686371	A2	-	-	-	701	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, possibly more than one item, close to 70044.	
70049	Magnetic	388136	5686704	A2	-	-	-	103	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to 70053 and 70054.	
70050	Magnetic	388146	5686500	A1	-	-	-	205	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to second anomaly 70052. The feature was investigated by a dive team during UXO operations, and thought to possibly be aircraft related (MAG_11081) (Bactec Dynasafe 2017 (06/07/2017)). As such, the feature has been gived an A1 archaeological discrimination.	MAG_11081
70051	Magnetic	388148	5686552	A2	-	-	-	94	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70052	Magnetic	388156	5686517	O3	-	-	-	513	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, possibly more than one item. Metallic debris identified as an anchor and chain were recovered by a dive team during UXO operations (Deep Ocean, 2017), and were not thought to be of archaeological interest.	MAG_11086
70053	Magnetic	388162	5686704	A2	-	-	-	66	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to 70054.	
70054	Magnetic	388166	5686690	A2	-	-	-	104	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to 70053.	
70055	Magnetic	388179	5686210	A2	-	-	-	118	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70056	Magnetic	388191	5686337	A2	-	-	-	1902	Large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, near to a potential linear ferrous object.	
70057	Magnetic	388192	5686185	A2	-	-	-	153	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70058	Magnetic	388193	5686589	A2	-	-	-	46	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70059	Magnetic	388202	5686241	A2	-	-	-	143	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70060	Magnetic	388215	5686434	O3	-	-	-	60	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to 7005, possibly associated. Investigated and found to be a car tyre, recovered by a dive team during UXO operations (Deep Ocean, 2017), not thought to be of archaeological interest.	MAG_11108
70061	Magnetic	388232	5686603	A2	-	-	-	432	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70062	Magnetic	388239	5686275	A2	-	-	-	69	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to 70064.	
70063	Magnetic	388241	5686634	A2	-	-	-	98	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70064	Magnetic	388246	5686290	A2	-	-	-	573	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to 70062.	
70065	Magnetic	388271	5686245	A2	-	-	-	54	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70066	Magnetic	388272	5686136	A2	-	-	-	78	Small symmetrical dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70067	Magnetic	388277	5686340	О3	-	-	-	166	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Identified to be a metallic debris not of archaeological interest recovered by a dive team during UXO operations (Deep Ocean, 2017).	MAG_11144



70068	Magnetic	388289	5686473	A2	-	-	-	71	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, may be linked to 70071, 70073, 70075 and 70077, with a small possibility to be linked to drainage channels in the intertidal area.	
70069	Magnetic	388295	5686118	A2	-	-	-	87	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70070	Magnetic	388307	5686558	A2	-	-	-	284	Medium asymmetric dipole seen in the magnetic data. Next to two anomalies, possibly linked or associated (70079 and 70081). No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, possibly a number of items.	
70071	Magnetic	388307	5686459	A2	-	-	-	47	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, may be linked to 70068, 70071, 70072, 70073, 70075 and 70077, with a small possibility to be linked to drainage channels in the intertidal area.	
70072	Magnetic	388308	5686413	O3	-	-	-	80	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, may be linked to 70068, 70071, 70073, 70075 and 70077, with a small possibility to be linked to drainage channels in the intertidal area. Investigated and found to be a metal pole, recovered by a dive team during UXO operations (Deep Ocean, 2017), not thought to be of archaeological interest nor connected to nearby anomalies.	MAG_11156
70073	Magnetic	388311	5686450	A2	-	-	-	113	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, may be linked to 70068, 70071, 70072, 70075 and 70077, with a small possibility to be linked to drainage channels in the intertidal area.	
70074	Magnetic	388313	5686571	A2	-	-	-	125	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, near to 70070, 70079 and 70081, possibly associated.	
70075	Magnetic	388321	5686442	A2	-	-	-	58	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, may be linked to 70068, 70071, 70072, 70073 and 70077, with a small possibility to be linked to drainage channels in the intertidal area.	
70076	Magnetic	388322	5686142	A2	-	-	-	49	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment.  Indication of buried ferrous debris.	
70077	Magnetic	388324	5686417	О3	-	-	-	65	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, may be linked to 70068, 70073, 70071, 70072 and 70075, with a small possibility to be linked to drainage channels in the intertidal area. Investigated and found to be metallic debris, recovered by a dive team during UXO operations (Deep Ocean, 2017), not thought to be of archaeological interest or nor connected to nearby anomalies.	MAG_11166
70078	Magnetic	388327	5686317	О3	-	-	-	318	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Investigated and found to be an anchor and chain recovered by a dive team during UXO operations (Deep Ocean, 2017).	MAG_11168
70079	Magnetic	388328	5686557	A2	-	-	-	99	Small asymmetric dipole seen in the magnetic data. Next to two anomalies, possibly linked or associated (70070 and 70081). No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, possibly a number of items.	
70080	Magnetic	388343	5686448	A2	-	-	-	162	Medium symmetrical dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, may be linked to 70080, with a small possibility to be linked to drainage channels in the intertidal area.	
70081	Magnetic	388348	5686550	A2	-	-	-	598	Medium asymmetric dipole seen in the magnetic data. Next to two anomalies, possibly linked or associated (70079 and 70070). No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, possibly a number of items.	
70082	Magnetic	388357	5686291	О3	-	-	-	89	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Located near to a number of anomalies (7432, 7433, and 7434) amongst some magnetic variance, possibly associated. Investigated and found to be a plate of sheet metal recovered by a dive team during UXO operations (Deep Ocean, 2017), not thought to be of archaeological interest, nor connected to nearby anomalies.	MAG_11184
70083	Magnetic	388375	5686441	A2	-	-	-	76	Small symmetrical and asymmetric dipole seen over a number of lines in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, may be linked to 70080, with a small possibility to be linked to drainage channels in the intertidal area.	
70084	Magnetic	388380	5686165	A2	-	-	-	241	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70085	Magnetic	388395	5686230	A2	-	-	-	59	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, located near to 7432, 7433, 7434 and 70088 amongst some magnetic variance, possibly associated	
70086	Magnetic	388400	5686533	A2	-	-	-	103	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, close to 70081.	
70087	Magnetic	388435	5686171	A2	-	-	-	74	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment.  Indication of buried ferrous debris.	
70088	Magnetic	388456	5686222	A2	-	-	-	574	Medium asymmetric dipoles seen on multiple lines in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Near strong magnetic variance indicating a linear feature, likely connecting with 7433 and 7434 (which were found to be potentially linked by steel wire recovered by a dive team during UXO operations (Bactec Dynasafe 2017 (21/07/2017)) (115580.03)). Indication of buried ferrous debris.	
70089	Magnetic	388462	5686395	A2	-	-	-	94	Small symmetric dipole seen in the magnetic data. No surficial representation. Located near a number of magnetic anomalies amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70090	Magnetic	388469	5686512	A2	-	-	-	255	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70091	Magnetic	388495	5686153	A2	-	-	-	90	Small negative monopole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Near to 70093 and 70087, possibly associated.	



70092	Magnetic	388513	5686334	О3	-	-	-	71	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Investigated and found to be a 2 m length of metal bar/conduit recovered by a dive team during UXO operations (Deep Ocean, 2017).	MAG_11254
70093	Magnetic	388531	5686175	A2	-	-	-	501	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, possibly more than one item.	
70094	Magnetic	388550	5686232	О3	-	-	-	107	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris. Investigated and found to be a car tyre by a dive team during UXO operations (Deep Ocean, 2017). Not thought to be archaeological. Feature was recovered to deck.	MAG_11269
70095	Magnetic	388550	5686459	A2	-	-	-	114	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70096	Magnetic	388565	5686367	A2	-	-	-	40	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70097	Magnetic	388593	5686327	A2	-	-	-	71	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70098	Magnetic	388640	5686094	A2	-	-	-	123	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70099	Magnetic	388661	5686429	A2	-	-	-	164	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70100	Magnetic	388713	5686378	A2	-	-	-	81	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, appears to have some magnetic variance nearby indicating that the ferrous item may extend or be linked to 70104.	
70101	Magnetic	388724	5686088	A2	-	-	-	91	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, possibly a number of items.	
70102	Magnetic	388754	5686225	A2	-	-	-	95	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70103	Magnetic	388767	5685953	A2	-	-	-	40	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70104	Magnetic	388769	5686378	A2	-	-	-	910	Large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, appears to have some magnetic variance nearby indicating that the ferrous item may extend or be linked to 70100.	
70105	Magnetic	388773	5686273	A2	-	-	-	299	Medium symmetric dipole seen in the magnetic data. No defined surficial representation. Located amongst flat seabed and mobile fine sediment. Close to likely debris 70107. Indication of buried ferrous debris.	
70106	Magnetic	388777	5685982	A2	-	-	-	449	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70107	Debris	388791	5686276	A2	4.4	0.3	0.1	202	Small dark reflector with height, well defined on the seabed, in the sidescan sonar data, with associated magnetic anomaly; a medium asymmetric dipole seen in multiple lines in the magnetic data. Located amongst flat seabed and mobile fine sediment. Indicating partially buried ferrous debris.	
70108	Magnetic	388840	5686140	О3	-	-	-	384	Medium asymmetric dipole seen over many lines in the magnetic data, indicating a length of ferrous debris (approximately 30 m). No defined surficial representation. Located amongst minor bedforms. Close to a group of magnetic anomalies. Indication of buried ferrous debris, either as a length or multiple objects. The feature was investigated by a dive team during UXO operations (Deep Ocean, 2017) and found to be multiple items of metallic debris, including one particularly large item. The items were recovered to deck by the dive team.	MAG_Mask_0122 (T1 and T2)
70109	Magnetic	388847	5686046	A2	-	-	-	444	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, possibly more than one item, close to 7011.	
70110	Magnetic	388851	5686119	A2	-	-	-	191	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, close to 70108.	
70111	Magnetic	388852	5686345	A2	-	-	-	79	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70112	Magnetic	388853	5685981	A2	-	-	-	192	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70113	Magnetic	388886	5686006	A2	-	-	-	54	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70114	Magnetic	388907	5685971	A2	-	-	-	61	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70115	Magnetic	388908	5685999	A2	-	-	-	107	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70116	Magnetic	388937	5686205	A2	-	-	-	82	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of magnetic anomalies amongst minor bedforms. Indication of buried ferrous debris, possibly linked to 7012 and 70117.	
70117	Magnetic	388947	5686189	A2	-	-	-	405	Medium asymmetric dipole seen on multiple lines in the magnetic data, covering approximately a 20 m area. No defined surficial representation. Located amongst minor bedforms. Amongst a group of magnetic anomalies. Indication of buried ferrous debris. Close to 7012, possibly associated.	
70118	Dark reflector	388983	5685854	A2	8.7	0.7	0.2	-	Dark reflector with height seen in the sidescan sonar, close to a linear feature and magnetic anomaly (7014), but not thought to be linked. Possibly a seabed disturbance or non-ferrous debris.	



70119	Magnetic	388988	5686096	О3	-	-	-	73	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms and seafloor disturbance. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be several items of metallic debris, including two flat bars with holes, which were recovered to deck.	MAG_6475
70120	Magnetic	388988	5686009	О3	-	-	-	81	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris, possibly a couple of items. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be two items of metallic debris which were recovered to deck.	MAG_6477
70121	Magnetic	389013	5685954	A2	-	-	-	52	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70122	Magnetic	389019	5685936	A2	-	-	-	56	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70123	Magnetic	389032	5686117	О3	-	-	-	108	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be three sections of steel wire or conduit, which were recovered to deck. The diver's as found position was approximately 10 m ESE of the magnetic anomaly identified on the geophysical data.	MAG_6501
70124	Magnetic	389037	5686132	A2	-	-	-	50	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70125	Magnetic	389038	5686322	A2	-	-	-	59	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70126	Magnetic	389046	5686226	A2	-	-	-	123	Medium symmetric and asymmetric dipoles seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, possibly more than one object.	
70127	Debris	389060	5686283	A2	2.2	1.7	0.5	58	Small asymmetric dipole, almost monopole, seen in the magnetic data, appears associated with a small angular dark reflector on the seabed. Indication of potential ferrous debris. Located amongst minor bedforms.	
70128	Magnetic	389070	5686112	A2	-	-	-	114	Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. No magnetic anomaly and no surficial items were identified by dive team during UXO operations (Deep Ocean, 2017), so the item is unconfirmed. It is possible therefore that the original magnetic anomaly has been moved or was a spurious reading; however, it may also be that the feature is buried deeper than investigated. As such, has been retained as an A2 anomaly.	MAG_6515
70129	Magnetic	389075	5686128	A2	-	-	-	70	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70130	Magnetic	389086	5685860	A2	-	-	-	186	Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70131	Magnetic	389107	5685983	A2	-	-	-	59	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70132	Magnetic	389120	5686095	A2	-	-	-	540	Medium asymmetric dipole seen over approximately 40 m in the magnetic data. No defined surficial representation. Located amongst bedforms. Indication of a length of buried ferrous debris, or multiple objects, close to 70134, likely associated. No magnetic anomaly and no surficial items were identified by dive team during UXO operations (Deep Ocean, 2017), so the item is unconfirmed. It is possible therefore that the original magnetic anomaly has been moved or was a spurious reading; however, it may also be that the feature is buried deeper than investigated. As such, has been retained as an A2 anomaly.	MAG_mask_0119_A
70133	Magnetic	389124	5685927	A2	-	-	-	197	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70134	Magnetic	389142	5686076	О3	-	-	-	84	Small symmetric dipole seen in the magnetic data. No defined surficial representation. Located amongst a number of magnetic anomalies and bedforms. Indication of buried ferrous debris, close to 70132. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be metallic items of debris including a steel beam and lengths of cable, which were recovered to deck.	MAG_6536_A, MAG_6536_b, MAG_654
70135	Magnetic	389147	5685791	A2	-	-	-	81	Small asymmetric dipole seen in the magnetic data. No defined surficial representation. Indication of buried ferrous debris. Located amongst bedforms approximately 55 m away from the recorded wreck of the Pisces, 7017 (15159 UKHO), possibly associated debris.	
70136	Magnetic	389155	5685937	О3	-	-	-	130	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a boat rudder, which was recovered to deck.	MAG_6549
70137	Magnetic	389164	5685870	A2	-	-	-	43	Small asymmetric dipole seen in the magnetic data. No defined surficial representation. Located amongst a number of magnetic anomalies indicating a debris field amongst the bedforms. Indication of buried ferrous debris. Located approximately 70 m away from the recorded wreck of the Pisces, 7017 (15159 UKHO), possibly associated debris.	
70138	Magnetic	389169	5686159	A2	-	-	-	82	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70139	Magnetic	389170	5685995	О3	-	-	-	88	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a length of steel wire rope and a length of metal re-bar, which were recovered to deck.	MAG_6556_A, MAG_6556_B
70140	Magnetic	389182	5685863	A2	-	-	-	62	Small asymmetric dipole seen in the magnetic data. No defined surficial representation. Located near a number of magnetic anomalies amongst bedforms. Indication of buried ferrous debris. Located approximately 55 m away from the recorded wreck of the Pisces, 7017 (15159 UKHO), possibly associated debris.	
70141	Debris	389182	5685833	A2	3.4	1.3	0.4	154	Dark reflector with height seen in the sidescan sonar data, appears partially buried, with an associated medium asymmetric dipole in the magnetic data that indicates more than one item. Slight mound seen in the bathymetric data. Located amongst a number of magnetic anomalies and bedforms. Indication of partially and buried ferrous debris. Located approximately 30 m away from the recorded wreck of the Pisces, 7017 (15159 UKHO), possibly associated debris.	



70142	Magnetic	389186	5685935	A2	-	-	-	98	Small asymmetric dipole seen in the magnetic data. No defined surficial representation. Located near a number of magnetic anomalies amongst bedforms. Indication of buried ferrous debris. Located close to a dark reflector (7016) seen in 2010, not seen in 2016 - potentially associated but not confirmed.	
70143	Magnetic	389188	5685849	A2	-	-	-	434	Medium asymmetric dipole seen in the magnetic data. No defined surficial representation. Located near a number of magnetic anomalies amongst bedforms. Indication of buried ferrous debris. Located approximately 40 m away from the recorded wreck of the Pisces, 7017 (15159 UKHO), possibly associated debris.	
70144	Magnetic	389193	5686197	A2	-	-	-	59	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70145	Debris	389209	5685822	A2	4.4	0.6	0.3	178	Dark reflector with height, seen in stretched data in the sidescan sonar data, with an associated medium asymmetric dipole in the magnetic data. Located amongst a number of magnetic anomalies and bedforms. Indication of buried ferrous debris. Located approximately 15 m away from the recorded wreck of the Pisces, 7017 (15159 UKHO), possibly associated debris. Nothing seen at anomaly 7017 (UKHO) location, in the 2016 data.	
70146	Magnetic	389210	5685852	A2	-	-	-	101	Medium symmetrical dipole seen in the magnetic data. No defined surficial representation in the sidescan sonar data, a small depression was seen in the bathymetry data at the same location unconfirmed if associated. Located near a number of magnetic anomalies amongst bedforms. Indication of buried ferrous debris. Located approximately 45 m away from the recorded wreck of the Pisces, 7017 (15159 UKHO), possibly associated debris.	
70147	Debris	389213	5685826	О3	2.3	0.4	0.2	199	Elongated dark reflector with slight height over a small section of the object, indication of partial burial in the sidescan sonar, with an associated medium asymmetric dipole in the magnetic data. Small mound seen in the bathymetry data to indicate location, no greater object definition seen. Located amongst a number of magnetic anomalies and bedforms. Indication of buried ferrous debris. Located approximately 20 m away from the recorded wreck of the Pisces, 7017 (15159 UKHO), possibly associated debris. Nothing seen at 7017 (UKHO) location in the 2016 data. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be an anchor, which was recovered to deck.	MAG_6581
70148	Magnetic	389213	5685972	A2	-	-	-	126	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70149	Magnetic	389220	5685909	О3	-	-	-	55	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a length of pipe, which was recovered to deck.	MAG_6583
70150	Magnetic	389241	5685860	A2	-	-	-	50	Small asymmetric dipole seen on multiple lines in the magnetic data. No defined surficial representation. Located amongst a number of magnetic anomalies and bedforms. Indication of buried ferrous debris. Located approximately 65 m away from the recorded wreck of the Pisces, 7017 (15159 UKHO), possibly associated debris.	
70151	Magnetic	389254	5686144	A2	-	-		101	Medium asymmetric dipole seen in the magnetic data. No defined surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, possibly more than one ferrous object.	
70152	Magnetic	389292	5685789	A2	-	-	-	157	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located near bedforms. Indication of buried ferrous debris, near 70154.	
70153	Magnetic	389297	5686169	A2	-	-	-	138	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70154	Magnetic	389298	5685799	A2	-	-	-	769	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70152, possibly associated.	
70155	Magnetic	389299	5686196	A2	-	-	-	41	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70156	Magnetic	389304	5685865	A2	-	-	-	187	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70157	Magnetic	389306	5686182	A2	-	-	-	83	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70158	Magnetic	389307	5685893	A2	-	-	-	114	Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly a number of objects.	
70159	Debris	389308	5685672	A2	0.7	0.5	0.2	86	Small asymmetric dipole seen in the magnetic data. Close to a dark reflector with height seen in the sidescan sonar data, assumed associated or part of the same object, possibly partially buried. Located amongst a number of magnetic anomalies and bedforms. Indication of buried ferrous debris.	
70160	Magnetic	389325	5686161	A2	-	-	-	46	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70161	Magnetic	389337	5685647	A2	-	-	,	89	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70162	Magnetic	389342	5685838	A2	-	-	ı	170	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one object or a length of ferrous debris.	
70163	Magnetic	389375	5685693	A2	-	-	1	56	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70164	Magnetic	389384	5686015	A2	-	-	-	51	Small symmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris.	
70165	Magnetic	389389	5686046	A2	-	-	-	46	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	



70166	Magnetic	389389	5686093	A2	-	-	-	53	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris.	
70167	Magnetic	389401	5685844	О3	-	-	-	132	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of magnetic anomalies amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a tyre with some stone material, which was recovered to deck.	MAG_6656
70168	Magnetic	389402	5685974	A2	-	-	-	65	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms.  Indication of buried ferrous debris.	
70169	Magnetic	389409	5685706	A2	-	-	-	54	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70170	Magnetic	389414	5686142	A2	-	-	-	497	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris, possibly more than one object.	
70171	Magnetic	389418	5685875	О3	-	-	-	87	Small symmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a steel pipe and flat plate of metal, which was recovered to deck.	MAG_6664
70172	Magnetic	389424	5685730	A2	-	-	-	145	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, appears in line with 70174 and 70172.	
70173	Magnetic	389429	5686078	A2	-	-	-	73	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris.	
70174	Magnetic	389430	5685744	A2	-	-	-	161	Medium positive monopole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, appears in line with 70174 and 70172.	
70175	Magnetic	389432	5686034	A2	-	-	-	60	Small symmetric dipole seen in the magnetic data. No surficial representation. Located near a number of magnetic anomalies amongst rough ground and bedforms. Indication of buried ferrous debris.	
70176	Magnetic	389434	5685756	A2	-	-	-	70	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, appears in line with 70174 and 70172.	
70177	Magnetic	389440	5686100	A2	-	-	-	608	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms and rough ground. Indication of buried ferrous debris.	
70178	Magnetic	389446	5686136	A2	-	-	-	123	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris, possibly more than one object.	
70179	Debris	389466	5685881	О3	3.2	0.9	0.6	221	Number of magnetic anomalies seen in the magnetic data, of medium asymmetric dipoles, extending for approximately 30 m. A dark reflector with height can be seen in the sidescan sonar data, amongst an area of bedforms indicating partially buried ferrous debris. A small mound can be seen for the small section that is visible in the bathymetry. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a metallic item of debris, a crab pot and a length of pipe, all of which were recovered to deck.	MAG_Mask_0116_T1 and T2
70180	Magnetic	389469	5686044	A2	-	-	-	465	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, next to 70184 possibly associated.	
70181	Magnetic	389469	5685942	A2	-	-	-	68	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst rough ground and bedforms. Indication of buried ferrous debris.	
70182	Magnetic	389471	5685958	A2	-	-	-	65	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris.	
70183	Magnetic	389473	5685927	О3	-	-	-	76	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of magnetic anomalies amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a knife, which was recovered to deck.	MAG_6699
70184	Magnetic	389475	5686056	A2	-	-	-	286	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, next to 70180 possibly associated.	
70185	Magnetic	389489	5686004	A2	-	-	-	47	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms with a number of anomalies. Indication of buried ferrous debris.	
70186	Magnetic	389493	5686085	A2	-	-	-	139	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of magnetic anomalies amongst bedforms. Indication of buried ferrous debris.	
70187	Magnetic	389504	5685958	A2	-	-	-	69	Small almost symmetrical dipole seen in the magnetic data. No defined surficial representation, however close to a number of dark reflectors with height indicating rough ground amongst the bedforms, there is also a linear feature approximately 30 m in length (possible rope or seabed scar) located nearby seen on the sidescan sonar thought to be of recent anthropogenic activity. Magnetic anomaly may be associated. Located amongst a number of magnetic anomalies and bedforms, with rough ground. Indication of buried ferrous debris.	
70188	Magnetic	389525	5685877	О3	-	-	-	75	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and reported as being a piece of metal strip, which was recovered to deck.	MAG_6733
70189	Magnetic	389527	5686048	A2	-	-	-	69	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst rough ground and bedforms. Indication of buried ferrous debris.	
70190	Magnetic	389532	5685698	A2	-	-	-	85	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70191	Magnetic	389545	5685830	О3	-	-	-	76	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of magnetic anomalies amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a length of steel cable, which was recovered to deck.	MAG_6738



70218	Magnetic	389827	5685719	A2	-	-	-	1406	bedforms. Indication of buried ferrous debris, possibly a number of items or a length of debris. Close to 70217. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and a small magnetic target was identified, however nothing was seen. It is possible therefore that the feature is buried deeper than that investigated and therefore it is recommended that the reatire is retained as a possible object of archaeological interest.	MAG_6886
70217	Magnetic	389821	5685741	O3	-	-	-	127	debris.  Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70218. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be plate of steel, which was recovered to deck.  Large slightly asymmetric anomaly seen on multiple lines in the magnetic data. Located amongst a number of magnetic anomalies and	MAG_6881
0216	Magnetic	389819	5685979	A2	-	-	-	64	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous	
0215	Magnetic	389778	5685986	A2	-	-	-	186	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one object, close to 7027.	
0214	Magnetic	389771	5685461	A2	-	-	-	66	be an anchor, which was recovered to deck.  Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
)213	Magnetic	389749	5685763	O3	-	-	-	294	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to	MAG_6854
0212	Debris	389744	5685971	A2	3.1	1.1	0.3	51	Two curved or circular objects with shadows seen in the sidescan sonar data, associated with the small positive monopole seen in the magnetic data, indicating ferrous debris. Located amongst an area of bedforms and a number of other magnetic anomalies.	
211	Magnetic	389734	5685997	A2	-	-	-	108	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris, close to 70207 and 70210.	
0210	Magnetic	389726	5686007	A2	-	-	-	255	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst a number of magnetic anomalies and bedforms. Indication of buried ferrous debris.	
209	Magnetic	389718	5685707	A2	-	-	-	56	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
208	Magnetic	389713	5685699	A2	-	-	-	117	Medium symmetric dipole, seen on a couple of lines in the magnetic data. No surficial representation. Located near a number of magnetic anomalies amongst bedforms. Indication of buried ferrous debris, next to 70209, possibly associated.	
207	Magnetic	389710	5685985	A2	-	-	-	374	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst a number of magnetic anomalies and bedforms. Indication of buried ferrous debris, close to 7022.	
206	Magnetic	389687	5685925	A2	-	-	-	50	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst rough ground and bedforms. Indication of buried ferrous debris.	
205	Magnetic	389662	5685999	A2	-	-	-	66	Small symmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst rough ground and bedforms. Indication of buried ferrous debris.	
)204	Magnetic	389651	5685958	A2	-	-	-	48	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst rough ground and bedforms. Indication of buried ferrous debris.	
203	Magnetic	389626	5685867	A2	-	-	-	62	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
202	Magnetic	389620	5685934	A2	-	-	-	59	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst rough ground and bedforms. Indication of buried ferrous debris.	
0201	Debris	389619	5685843	О3	1.7	1.5	0.4	58	Dark reflector with height, with a nearby flat object, associated with a magnetic anomaly; small asymmetric dipole seen in the magnetic data. A mound can be seen in the bathymetry, but no further detail; position taken from the bathymetry. Located amongst bedforms and rough ground. Indication of ferrous debris, possibly partially buried. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a length of steel cable, which was recovered to deck.	MAG_6792
0200	Magnetic	389603	5686012	A2	-	-	-	97	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst rough ground and bedforms. Indication of buried ferrous debris.	
0199	Debris	389601	5685881	A2	1.3	1	0.4	78	Dark reflector with height, next to a possible boulder, seen in the sidescan sonar data, with an associated magnetic anomaly; small asymmetric dipole. Indication of ferrous debris. A small mound seen in the bathymetry data, for position. Located amongst an area of bedforms and rough ground.	
)198	Magnetic	389592	5685951	A2	-	-	-	142	Medium negative monopole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris.	
0197	Magnetic	389587	5685789	A2	-	-	-	60	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
0196	Magnetic	389580	5685809	A2	-	-	-	52	debris.  Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
0195	Magnetic	389572	5686087	A2	-	-	-	96	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous	
)194	Magnetic	389568	5686022	A2	-	-	-	47	of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology.  Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst rough ground and bedforms. Indication of buried ferrous debris.	
0193	Magnetic	389548	5685946	A2	-	-	-	48	Small symmetrical dipole seen in the magnetic data. No surficial representation. Located amongst an area of bedforms. Close to a number	
)192	Magnetic	389546	5685621	A2	-	-	-	84	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	



70219	Magnetic	389844	5685451	A2	-	-	-	101	Medium asymmetric dipole seen in the magnetic data. No defined surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 7024.	
70220	Magnetic	389858	5685539	A2	-	-	-	116	Medium asymmetric dipole seen in the magnetic data. No defined surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 7024.	
70221	Magnetic	389864	5685595	A1	-	-	-	4018	Very large symmetric dipole seen in many lines in the magnetic data, over approximately 30 m. No associated surficial representation.  Wreck 7024 lies approx. 130 m away. Located amongst bedforms. Indication of buried ferrous debris, indication of a group of objects, close to 70222, possibly associated.	
70222	Magnetic	389877	5685622	A2	-	-	-	159	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, near to 70221.	
70223	Magnetic	389878	5685418	A2	-	-	-	50	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to wreck 7024 (85569 UKHO) possibly associated.	
70224	Magnetic	389879	5685555	A2	-	-	-	554	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, possibly more than one item, near to 70220 and 7024.	
70225	Debris	389905	5685417	A2	3.1	0.9	0.5	56	Dark reflector with height seen in the sidescan sonar data, appears to have a straight side and possibly be partially buried. Associated magnetic anomaly as a small asymmetric dipole seen in the magnetic data. A mound can also be seen in the multibeam bathymetry data, providing the location; however no object further defined. Located amongst an area of bedforms. Close to a wreck, 7024 (approx. 150 m). Indication of partially buried ferrous debris.	
70226	Magnetic	389937	5685492	A2	-	-	-	53	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris, next to 70227 and possibly associated collection of buried debris.	
70227	Magnetic	389945	5685508	A2	-	-	-	282	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, next to and possibly associated with 70226.	
70228	Magnetic	389957	5685914	A2	-	-	-	58	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 7022.	
70229	Magnetic	389961	5685788	A2	-	-	1	52	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 7022.	
70230	Magnetic	389969	5685721	A2	-	-	-	85	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70231	Magnetic	389975	5685628	О3	-	-	-	102	Medium asymmetric dipole seen in the magnetic data. No defined surficial representation. Located amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a flat, ferrous item of debris, which was recovered to deck.	MAG_6966
70232	Magnetic	389983	5685536	A2	-	-	-	78	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly a number of objects.	
70233	Magnetic	389992	5685507	A2	-	-	-	69	Small asymmetric dipole with one double peak in the magnetic data. No surficial representation. Amongst an area of magnetic anomalies and bedforms. Indication of buried ferrous debris.	
70234	Magnetic	389992	5685874	A2	-	-	-	261	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item, close to 7022.	
70235	Magnetic	390004	5685801	A2	-	-	-	130	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, near and possibly associated with 70240.	
70236	Magnetic	390034	5685812	A2	-	-	-	88	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70237	Magnetic	390042	5685378	A2	-	-	-	200	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, appears as more than one item or a length of ferrous debris.	
70238	Magnetic	390068	5685474	A2	-	-	-	740	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item.	
70239	Magnetic	390074	5685522	О3	-	-	-	289	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst an area of bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a deck head cable support for a ship, which was recovered to deck.	MAG_7014
70240	Magnetic	390078	5685782	A2	-	-	-	317	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, next to 70242 possibly associated.	
70241	Magnetic	390081	5685318	A2	-	-	-	529	Medium asymmetric dipoles seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one object.	
70242	Magnetic	390088	5685773	A2	-	-	-	175	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, next to 70240 possibly associated.	
70243	Debris	390100	5685458	A2	7.2	0.9	0.4	414	Medium asymmetric dipole seen in the magnetic data. Associated with a dark reflector with height, appears both flat and with height, indicating that the object is likely partially buried as seen in the sidescan sonar data. Slight mound seen in the multibeam to indicate position, but no defined object. Located amongst an area of bedforms. Close to 70238. Indication of partially buried ferrous debris.	
70244	Magnetic	390102	5685659	A2	-	-	-	80	Small asymmetric dipole seen in the magnetic data No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology.	
70245	Magnetic	390104	5685686	A2	-	-	-	63	Small asymmetric dipole seen in the magnetic data No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology.	
70246	Magnetic	390111	5685703	A2	-	-	-	81	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	



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70247	Magnetic	390123	5685715	A2	-	-	-	47	Small asymmetric dipole seen in the magnetic data No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology.	
70248	Magnetic	390145	5685570	A2	-	-	-	130	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70249	Magnetic	390147	5685833	A2	-	-	-	123	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70250	Magnetic	390148	5685706	A2	-	-	-	52	Small asymmetric dipole seen in the magnetic data No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology.	
70251	Magnetic	390174	5685286	A2	-	-	-	64	Small asymmetric dipole seen in the magnetic data No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology.	
70252	Magnetic	390178	5685507	O3	-	-	-	737	Medium asymmetric dipole seen in the magnetic data, with a number of smaller peaks seen indicating potential for a collection of objects or positional offset. No surficial representation. Located amongst bedforms. Indication of a group or length of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a cast iron pipe and a tyre, both of which were recovered to deck.	MAG_mask_0128_T1 and T2
70253	Magnetic	390185	5685373	A2	-	-	-	84	Small asymmetric dipole seen in the magnetic data No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology.	
70254	Magnetic	390197	5685411	A2	-	-	-	92	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology.	
70255	Magnetic	390200	5685479	A2	-	-	-	152	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70256	Magnetic	390209	5685681	A2	-	-	-	200	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70257	Magnetic	390228	5685543	A2	-	-	-	87	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70258	Magnetic	390246	5685447	О3	-	-	-	63	Small asymmetric dipole seen in the magnetic data No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a metallic item of debris, possibly a collapsed shopping trolley, which was recovered to deck.	MAG_7080
70259	Magnetic	390254	5685697	A2	-	-	-	57	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70260	Magnetic	390269	5685739	A2	-	-	-	359	Medium asymmetric dipole seen in the magnetic data. Amongst an area of bedforms. No surface representation seen, indicating buried ferrous debris, possibly more than one item.	
70261	Magnetic	390271	5685491	О3	-	-	-	144	Medium asymmetric dipole seen in the magnetic data No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a car speaker, which was recovered to deck.	MAG_7090
70262	Magnetic	390273	5685521	A2	-	-	-	131	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology.	
70263	Magnetic	390285	5685471	О3	-	-	-	128	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a tyre, which was recovered to deck.	MAG_mask_0129
70264	Magnetic	390305	5685340	A2	-	-	-	70	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70267.	
70265	Magnetic	390308	5685663	A2	-	-	-	536	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology.	
70266	Magnetic	390309	5685395	A2	-	-	-	96	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to and possibly associated with 70268.	
70267	Magnetic	390310	5685355	A2	-	-	-	246	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70267.	
70268	Magnetic	390314	5685410	О3	-	-	-	110	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to or associated with 70266. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a tyre, which was recovered to deck.	MAG_7116
70269	Magnetic	390328	5685221	A2	-	-	-	453	Main anomaly of a medium asymmetric dipole seen in the magnetic data, with a couple of smaller peaks seen. No surficial representation.  Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item, or a length of debris. Close to 70269, possibly associated.	
70270	Magnetic	390336	5685540	A2	-	-	-	366	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a length of wood containing metal elements. Feature was left in situ by the divers and, as such, has been retained as an A2 anomaly.	MAG_7136
70271	Magnetic	390337	5685268	A2	-	-	-	261	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item, near 70269 possibly associated.	
70272	Magnetic	390363	5685435	O3	-	-	-	131	Medium symmetric and asymmetric dipoles seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, appears to be a length of ferrous debris or more than one object. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be an anchor, which was recovered to deck.	MAG_7150



70273	Magnetic	390366	5685710	A2	-	-	-	175	Medium asymmetric dipole seen in the magnetic data No surficial representation. Located amongst an area of bedforms. Close to a number of anomalies. Indication of buried ferrous debris, with slight potential to be influenced by the underlying geology.	
70274	Magnetic	390375	5685505	A2	-	-	-	43	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70275.	
70275	Magnetic	390377	5685523	A2	-	-	-	350	Medium asymmetric dipole seen in the magnetic data. Amongst an area of bedforms. No surface representation seen, indicating buried ferrous debris, possibly more than one item. Only a weak magnetic anomaly and no surficial items were identified by dive team during UXO operations (Deep Ocean, 2017), so the item is unconfirmed. It is possible therefore that the feature is buried deeper than investigated. As such, has been retained as an A2 anomaly.	MAG_7160
70276	Magnetic	390399	5685605	A2	-	-	-	65	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70277	Magnetic	390406	5685621	A2	-	-	-	105	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70278	Magnetic	390410	5685356	A2	-	-	-	52	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70279	Magnetic	390427	5685677	A2	-	-	-	76	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70280	Magnetic	390435	5685352	A2	-	-	-	41	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70281	Magnetic	390460	5685577	A2	-	-	-	45	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70282	Magnetic	390470	5685553	A2	-	-	-	69	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70283	Magnetic	390516	5685531	A2	-	-	-	92	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70284	Magnetic	390528	5685654	A2	-	-	-	152	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item.	
70285	Magnetic	390564	5685169	A2	-	-	-	1078	Large very asymmetric dipole seen in the magnetic data, with a number of smaller anomalies trailing off for approximately 50 m. No surficial representation. Located amongst an area of bedforms. Indication of buried linear ferrous debris.	
70286	Magnetic	390574	5685371	O3	-	-	-	452	Main anomaly of a medium asymmetric dipole seen in the magnetic data, with a couple of smaller peaks seen. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a tyre, which was recovered to deck.	MAG_7250
70287	Magnetic	390585	5685228	A2	-	-	-	299	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70289.	
70288	Debris	390594	5685476	A2	0.3	1.2	0.1	201	Circular dark reflector seen in the bedforms in the sidescan sonar, associated with a medium asymmetric dipole. No definitive outline seen in the multibeam data. Located amongst an area of bedforms. Indication of partially buried ferrous debris.	
70289	Magnetic	390604	5685230	A2	-	-	-	75	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70287.	
70290	Magnetic	390611	5685530	A2	-	-	-	132	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris close to 70291.	
70291	Magnetic	390632	5685532	A2	-	-	-	363	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst an area of bedforms. Indication of buried ferrous debris, possibly more than one object, close to 70290.	
70292	Magnetic	390634	5685286	O3	-	-	-	273	Medium positive monopole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a tyre with a chain and a metallic item of debris, all of which were recovered to deck.	MAG_7270_A and B
70293	Magnetic	390658	5685158	A2	-	-	-	333	Medium asymmetric dipole seen in the magnetic data. Amongst an area of bedforms. No surface representation seen, indicating buried ferrous debris, possibly more than one item.	
70294	Magnetic	390664	5685599	A2	-	-	-	164	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70295	Magnetic	390675	5685220	A2	-	-	-	150	Medium negative monopole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70296	Magnetic	390690	5685339	О3	-	-	-	87	Two small asymmetric dipoles seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly two items likely associated. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a tyre which was recovered to deck. A diver carried out a second survey and found a possible small target however, after dredging, there was no indication of the feature. It was concluded in the report that the feature was likely removed with the dredge and the target was therefore closed.	MAG_7289 ad ORD_MAG_0023
70297	Magnetic	390702	5685567	A2	-	-	-	66	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70298	Magnetic	390727	5685233	О3	-	-	-	75	Small asymmetric dipole, almost positive monopole, seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a metal sheet which was recovered to deck.	MAG_7295
70299	Magnetic	390748	5685401	A2	-	-	-	100	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly a number of objects.	



70300	Magnetic	390771	5685494	A2	-	-	-	85	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70301	Magnetic	390773	5685388	A2	-	-	-	85	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70302	Magnetic	390823	5685413	A2	-	-	-	164	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70303	Magnetic	390824	5684999	A2	-	-	-	82	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70304	Magnetic	390828	5685478	A2	-	-	-	77	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70305	Magnetic	390834	5685440	A2	-	-	-	181	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one object, close to 70306.	
70306	Magnetic	390840	5685451	A2	-	-	-	41	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70305.	
70307	Magnetic	390852	5685386	A2	-	-	-	152	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70308	Magnetic	390861	5685433	A2	-	-	-	70	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly a couple of items.	
70309	Magnetic	390865	5684969	A2	-	-	-	82	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70310	Magnetic	390874	5685460	A2	-	-	-	85	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70311	Magnetic	390892	5685108	A2	-	-	-	91	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris.	
70312	Magnetic	390897	5685120	A2	-	-	-	68	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris.	
70313	Magnetic	390925	5685098	A2	-	-	-	49	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70314	Magnetic	390934	5685109	A2	-	-	-	139	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris, appears to be a number of objects.	
70315	Magnetic	390938	5685134	О3	-	-	-	121	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a tyre, which was recovered to deck.	MAG_7370
70316	Magnetic	390961	5684936	A2	-	-	-	465	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70317	Magnetic	390962	5685129	A2	-	-	-	59	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70318	Magnetic	390969	5685093	A2	-	-	-	114	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located near a number of anomalies amongst bedforms. Indication of buried ferrous debris.	
70319	Magnetic	390977	5685107	A2	-	-	-	56	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70320	Magnetic	390987	5684936	A2	-	-	-	60	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70321	Magnetic	390993	5685126	A2	-	-	-	83	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly a number of objects. Only a very small magnetic anomaly and no surficial items were identified by dive team during UXO operations (Deep Ocean, 2017), so the item is unconfirmed. It is possible therefore that the original magnetic anomaly has been moved or was a spurious reading; however, it may also be that the feature is buried deeper than investigated. As such, has been retained as an A2 anomaly.	MAG_mask_0131
70322	Debris	390996	5685450	A2	2.2	4.1	0.3	315	Medium very asymmetric dipole seen in the magnetic data associated with an undefined dark reflector with height seen in the sidescan sonar data. Located amongst an area of bedforms. Indicating ferrous debris, possibly partially buried.	
70323	Magnetic	390997	5685271	A2	-	-	-	87	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70324	Magnetic	391011	5685415	A2	-	-	-	175	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one object.	
70325	Magnetic	391049	5685064	A2	-	-	-	66	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70326	Magnetic	391051	5685311	A2	-	-	-	77	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70327	Magnetic	391069	5685120	A2	-	-	-	143	Medium asymmetrical dipole seen on a number of lines in the magnetic data, potentially positioning offset seen in the grid or a collection of ferrous objects. No surficial representation. Located amongst an area of bedforms. Indication of buried ferrous debris.	
70328	Magnetic	391088	5685393	A2	-	-	-	52	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	



70358	Magnetic	391496	5684942	A2	-	-	-	678	debris.	
70357	Magnetic	391483	5685249	A2	-	-	-	107	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.  Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous	
70356	Magnetic	391477	5684811	A2	-	-	-	67	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70355	Debris	391471	5685284	A2	4.8	1.3	0.2	686	Medium asymmetric dipole seen in the magnetic data. Associated with an indistinct dark reflector with height seen in the sidescan sonar.  Located amongst an area of bedforms. Indication of the presence of ferrous debris, possibly partially buried.	
70354	Magnetic	391457	5685013	A2	-	-	-	71	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70353	Magnetic	391430	5684914	A2	-	-	-	602	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70352	Magnetic	391417	5685166	A2	-	-	-	213	Medium asymmetric dipole seen in the magnetic data. Amongst an area of bedforms. No surface representation seen, indicating buried ferrous debris, possibly more than one item.	
70351	Magnetic	391394	5684929	A2	-	-	-	97	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70350	Magnetic	391380	5684885	A2	-	-	-	850	Large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item.	
70349	Magnetic	391357	5685063	A2	-	-	-	61	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 7027 and 7028.	
70348	Magnetic	391357	5685197	A2	-	-	-	406	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst an area of bedforms. Indication of buried ferrous debris, possibly more than one, or slight positional offset. Close to 7027.	
70347	Magnetic	391350	5684867	A2	-	-	-	82	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms, at the peak of one. Indication of buried ferrous debris, near 70350.	
70346	Magnetic	391342	5685144	A2	-	-	-	1585	Large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst an area of bedforms. Indication of buried ferrous debris. Close to 7027, possibly associated.	
70345	Magnetic	391319	5685165	A2	-	-	-	111	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, near to 7027.	
70344	Magnetic	391316	5685241	A2	-	-	-	131	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70343	Magnetic	391312	5685146	A2	-	-	-	76	Small positive monopole, almost asymmetric dipole, in the magnetic data. No surficial representation. Located amongst an area of bedforms. Indication of buried ferrous debris, near to and possibly associated with 7027.	
70342	Magnetic	391304	5684973	A2	-	-	-	105	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70341	Magnetic	391298	5685288	A2	-	-	-	139	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70340	Magnetic	391297	5685236	A2	-	-	-	69	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70339	Magnetic	391281	5685305	A2	-	-	-	221	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70338	Magnetic	391250	5684850	A2	-	-	-	77	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70337	Magnetic	391235	5685340	A2	-	-	-	442	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item.	
70336	Magnetic	391229	5684938	A2	-	-	-	258	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly a number of objects; near 70330, 70331, 70333 and 70334, possibly associated.	
70335	Magnetic	391197	5685081	O3	-	-	-	184	debris, possibly more than one object, close to 7027. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to an item of debris, thought to be a lobster pot, which was recovered to deck.	MAG_7486
70334	Magnetic	391196	5684949	A2	-	-	-	93	debris, possibly a number of objects; near 70330, 70331, 70333 and 70336, possibly associated.  Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous	
70333	Magnetic	391179	5684936	A2	-	-	-	340	debris, possibly a number of objects; near 70330, 70331, 70334 and 70336, possibly associated.  Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous	
70332	Magnetic	391173	5685143	A2	-	-	-	81	debris, possibly a number of objects, close to 7027.  Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous	
70331	Magnetic	391155	5684972	A2	-	-	-	134	debris, possibly a number of objects; near 70330, 70333, 70334 and 70336, possibly associated.  Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous	
70330	Magnetic	391151	5684951	A2	-	-	-	376	debris, possibly a number of objects; near 70331, 70333, 70334 and 70336, possibly associated.  Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous	
70220	Magnatia	204454	5004054	۸.0				270	debris.  Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous	



70359	Magnetic	391521	5685249	A2	-	-	-	55	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70360	Magnetic	391559	5685179	A2	-	-	-	163	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70361	Magnetic	391607	5685019	A2	-	-	-	213	Medium asymmetric dipole seen in the magnetic data. Amongst an area of bedforms. No surface representation seen, indicating buried ferrous debris.	
70362	Magnetic	391630	5685099	О3	-	-	-	1830	Large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms and linear seabed scars. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to an anchor, which was recovered to deck.	MAG_7618
70363	Magnetic	391639	5685034	A2	-	-	-	80	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly a number of objects.	
70364	Magnetic	391643	5685166	A2	-	-	-	300	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70365	Magnetic	391681	5684914	A2	-	-	-	130	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, next to 7031.	
70366	Magnetic	391684	5684941	A2	-	-	-	463	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item.	
70367	Magnetic	391718	5684849	A2	-	-	-	744	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70368	Magnetic	391741	5685253	A2	-	-	-	132	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70369	Magnetic	391758	5684975	A2	-	-	-	232	Medium asymmetric dipole seen in the magnetic data, in line with magnetic variance thought to be the underlying geology. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, near 7033.	
70370	Magnetic	391758	5685179	A2	-	-	-	164	Medium asymmetric dipole seen in the magnetic data, in line with background magnetic variance believed to be the underlying geology. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70371	Magnetic	391781	5685185	A2	-	-	-	260	Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item.	
70372	Magnetic	391806.4	5684913.8	A2	-	-	-	198	Medium asymmetric dipole seen in the magnetic data, in line with magnetic variance thought to be the underlying geology. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70373	Debris	391856	5684933	A2	1	0.2	0.4	253	Medium asymmetric dipole seen in the magnetic data. Associated with an indistinct dark reflector with height seen in the sidescan sonar data that may be part of partially buried object. Located amongst an area of bedforms, close to 7033 and may be associated. Indication of partially buried ferrous debris.	
70374	Magnetic	392005	5684999	A2	-	-	-	302	Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item.	
70375	Magnetic	392026	5685143	A2	-	-	-	135	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms and background magnetic variance indicating underlying geology. Indication of buried ferrous debris.	
70376	Magnetic	392027	5685129	A2	-	-	-	194	Medium asymmetric dipole seen in the magnetic data, in line with the background magnetic variance linked to the underlying geology. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70377	Magnetic	392066	5685020	A2	-	-	-	58	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70380.	
70378	Magnetic	392089	5685198	A2	-	-	-	246	Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, next to 70379 possibly associated.	
70379	Magnetic	392090	5685209	A2	-	-	-	225	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, next to 70378 possibly associated.	
70380	Magnetic	392093	5685023	A2	-	-	-	168	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one object.	
70381	Magnetic	392101	5684859	A2	-	-	-	64	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70382	Magnetic	392123	5685235	A2	-	-	-	90	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70383	Magnetic	392128	5685035	A2	-	-	-	88	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to and possibly associated with 70384; near 70380.	
70384	Magnetic	392137	5685028	A2	-	-	-	63	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70383.	
70385	Magnetic	392155	5684841	A2	-	-	-	51	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70386	Magnetic	392162	5685086	О3	-	-	-	695	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to an tyre, which was recovered to deck.	MAG_7698



		T	T		1	l	ı	Τ	Cmall commetric dipole soon in the magnetic date. No surficial representation I costed arrows to display the display of huminal formation	
70387	Magnetic	392238	5685120	A2	-	-	-	90	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, near to 70289. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to heavily oxidised ferrous material which was reported to have been dredged through the pump and dispersed into the sea. As the feature was not recovered, it has been retained as an A2 anomaly as it cannot be confirmed that there is no debris material still present.	MAG_7707
70388	Magnetic	392269	5685235	A2	-	-	-	436	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70389	Magnetic	392325	5684786	A2	-	-	-	131	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70390	Magnetic	392329	5684845	A2	-	-	-	43	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70391	Magnetic	392341	5685216	A2	-	-	-	117	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70392	Debris	392382	5684974	О3	2.8	1.8	0.4	9596	Dark reflector appearing circular, with height seen amongst the bedforms in the sidescan sonar data. Not defined in the bathymetry.  Associated magnetic anomaly seen in the magnetic data; as a very large asymmetric dipole seen on multiple lines. Potentially buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to a buoyant mine, which was destroyed in situ.	MAG_7730
70393	Magnetic	392383	5685131	A2	-	-	-	100	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70394	Debris	392401	5684784	A2	5.1	1.5	0.2	96	Thick dark linear reflector (oblong in shape) with height seen in the sidescan sonar with an associated magnetic anomaly seen in the magnetic data as a small asymmetric dipole. Indication of ferrous debris, possibly partially buried. Located amongst an area of dunes.	
70395	Magnetic	392433	5684832	A2	-	-	-	100	Small asymmetric dipole seen in the magnetic data, with an extended positive peak. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70396	Magnetic	392439	5684949	A2	-	-	-	584	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70397	Magnetic	392449	5685052	A2	-	-	-	59	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70398	Magnetic	392451	5685105	О3	-	-	-	400	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms and background magnetic variance indicating underlying geology. Indication of buried ferrous debris, possibly more than one item. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to length of chain and small section of metal pipe, both of which were recovered to deck.	MAG_7754
70399	Seafloor disturbance	392473	5684999	A2	6.5	1.4	0.3	-	Small dark reflector with shadow, and a break in the bedforms with a change in acoustic reflectivity, seen in the sidescan sonar data as an isolated feature in an area of bedforms. Some magnetic variance is seen in the magnetic grid but smaller than the threshold used for this dataset. Seen as a disturbance in the bedforms in the bathymetry data. Possibly just a seafloor disturbance, but may be an indication of buried low-ferrous debris.	
70400	Magnetic	392474	5685197	A2	-	-	-	213	Medium asymmetric dipole seen in the magnetic data. Amongst an area of bedforms. No surface representation seen, indicating buried ferrous debris.	
70401	Magnetic	392496	5684891	A2	-	-	-	116	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, that appears to align with the background variance.	
70402	Magnetic	392500	5685223	A2	-	-	-	230	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70403	Magnetic	392510	5684856	A2	-	-	-	64	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70404	Dark reflector	392518	5684786	A2	11.1	0.3	0.4	-	Curvilinear dark reflector with height seen in the sidescan sonar data amongst stretching in the data, on the edge of the data so less coverage. No associated magnetic anomaly so non-ferrous in nature. Located on the edge of an area of bedforms.	
70405	Magnetic	392581	5685025	A2	-	-	-	86	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70406	Magnetic	392625	5685086	О3	-	-	-	871	Large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a hollow drum/barrel, which was recovered to deck.	MAG_7798
70407	Magnetic	392627	5685178	A2	-	-	-	113	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, that appears to align with the background variance.	
70408	Magnetic	392666	5685151	A2	-	-	-	108	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, that appears to align with the background variance.	
70409	Magnetic	392684	5685087	A2	-	-	-	67	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms and background magnetic variance indicating underlying geology. Indication of buried ferrous debris.	
70410	Magnetic	392686	5684871	A2	-	-	-	91	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70411	Magnetic	392813	5685133	О3	-	-	-	231	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be part of a speaker, which was recovered to deck.	MAG_7842
70412	Magnetic	392837	5685016	A2	-	-	-	323	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms and background magnetic variance indicating underlying geology. Indication of buried ferrous debris.	



70413	Magnetic	392841	5685250	A2	-	-	-	46	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70414	Magnetic	392895	5685006	A2	-	-	-	742	Medium asymmetric dipole seen in the magnetic data, in line with magnetic variance indicating underlying geology. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70415	Debris	392928	5685304	A2	10.3	0.9	0.2	196	Medium asymmetric dipole seen in the magnetic data, appears associated with dark reflectors with height seen in the sidescan sonar data (amongst some motion and stretching). Indicates potential debris, possibly partially buried. No clear structure definition. Located amongst minor bedforms and fine sediment.	
70416	Magnetic	392938	5685043	A2	-	-	-	75	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70417	Debris	392947	5685184	A1	1.7	0.5	0.3	6424	Very large asymmetric dipole seen in the magnetic data, with a small dark reflector with height close to the location possibly associated or a small section of a larger item partially buried. Located amongst fine sediment and minor bedforms. Close to 7036 (22 m apart), possibly associated. Indication of buried or partially buried ferrous debris.	
70418	Magnetic	392955	5684827	A2	-	-	-	95	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70419	Debris	392975	5684986	A2	12.2	0.9	0.1	124	Elongated dark reflector with height seen in the sidescan sonar data. Associated magnetic anomaly see in the magnetic data as a medium symmetric dipole, in line with the background magnetic variance indicating underlying geology. Indication of potential partially buried ferrous debris. Located amongst fine sediment.	
70420	Magnetic	392985	5685156	О3	-	-	-	583	Medium very asymmetric dipole seen in the magnetic data. Located close to some dark reflectors with height, that appear natural. Located amongst minor bedforms and fine sediment. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a lobster pot system, which was recovered to deck.	MAG_7886
70421	Magnetic	392988	5684881	A2	-	-	-	42	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70422	Magnetic	392996	5684836	A2	-	-	-	82	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70423	Magnetic	393009	5684925	A2	-	-	-	146	Couple of medium asymmetric dipoles seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, close to 7038.	
70424	Magnetic	393017	5685307	A2	-	-	-	197	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70425	Magnetic	393095	5685230	A2	-	-	-	95	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70426	Magnetic	393110	5685228	A2	-	-	-	61	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment. Indication of buried ferrous debris.	
70427	Magnetic	393135	5684864	A2	-	-	-	98	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70428	Magnetic	393174	5685263	A2	-	-	-	84	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70429	Magnetic	393189	5685099	A2	-	-	-	391	Medium asymmetric dipole seen over a number of lines, covering an area of approximately 25 m in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, may be a number of items or some positional offset. Only a very small magnetic anomaly and no surficial items were identified by dive team during UXO operations (Deep Ocean, 2017). It is possible therefore that the original magnetic anomaly has been moved or was a spurious reading; however, it may also be that the feature is buried deeper than investigated. As such, has been retained as an A2 anomaly.	MAG_mask_0141_A
70430	Magnetic	393197	5685012	A2	-	-	-	50	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70431	Magnetic	393202	5685147	A2	-	-	-	145	Couple of medium asymmetric dipoles seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, possibly more than one object. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be two item of metallic debris, one of which was recovered to deck. The dive report indicated that the second debris item has been left in situ and, as such, the feature has been retained as an A2 anomaly.	MAG_7943
70432	Magnetic	393218	5685063	A2	-	-	-	214	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70433	Magnetic	393476	5685136	О3	-	-	-	557	Medium asymmetric dipole seen in the magnetic data. No associated surficial representation. Located amongst minor bedforms and rough ground. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be two item of metallic debris, possibly related to munitions but with no explosive content, both of which were recovered to deck.	MAG_3282
70434	Magnetic	393918	5685190	A2	-	-	-	44	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70435	Magnetic	394080	5685154	A2	-	-	-	91	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70436	Magnetic	394083	5685249	A2	-	-	-	173	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, possibly more than one object.	
70437	Magnetic	394087	5685235	A2	-	-	-	50	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	



70438	Magnetic	394114	5685206	О3	-	-	-	194	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a rusted steel hatch, which was recovered to deck.	MAG_3320
70439	Magnetic	394123	5685184	A2	-	-	-	228	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. Located approximately 12 m ENE of a dived target ORD_MAG_0033 (Deep Ocean 2017) which was found to be a metal plate. However, as the magnetic grid suggests two separate magnetic anomalies, this feature has been retained as a possible separate feature of potential archaeological interest.	
70440	Magnetic	394156	5685225	О3	-	-	-	92	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a length of steel	MAG_3325
70441	Magnetic	394442	5685303	A2	-	-	-	64	pipe and an associated flange piece, both of which were recovered to deck.  Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70442	Magnetic	394534	5685255	A2	-	-	-	65	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70443	Magnetic	394776	5685315	A2	-	-	-	67	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70444	Magnetic	394794	5685304	A2	-	-	-	58	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, near exclusion zone 7047 noted in the WSI (approximately 60 m away), possibly associated.	
70445	Magnetic	394950	5685357	О3	-	-	-	132	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, close to 70446. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be lengths of pipe, all of which were recovered to deck.	MAG_3375
70446	Magnetic	394975	5685360	O3	-	-	-	440	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a length of pipe, which was recovered to deck.	MAG_3377
70447	Magnetic	395186	5685446	A2	-	-	-	46	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms and rough ground. Indication of buried ferrous debris.	
70448	Magnetic	395213	5685400	О3	-	-	-	214	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be an anchor, which was recovered to deck.	MAG_3392
70449	Magnetic	395289	5685382	A2	-	-	-	90	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70450	Magnetic	395297	5685380	A2	-	-	-	287	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70451	Magnetic	395468	5685426	A2	-	-	-	88	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70452	Magnetic	395474	5685412	A2	-	-	-	386	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, close to 70451.	
70453	Magnetic	395515	5685462	O3	-	-	-	92	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a length of pipe, thought to be a scaffold tube, which was recovered to deck.	MAG_3427
70454	Magnetic	395565	5685450	О3	-	-	-	120	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be several items of ferrous debris, which were recovered to deck. Additional, possibly related, debris items were identified by the divers approximately 8 m to the SSE (MAG_3416_B).	MAG_3416_A and B
70455	Magnetic	395570	5685500	A2	-	-	-	41	Small asymmetric dipole seen in the magnetic data. Located amongst minor bedforms. No surficial representation, but a linear feature, possible rope or seabed scar approximately 30 m in length, can be seen nearby in the sidescan sonar data; the magnetic anomaly appears to be at the end of this feature. Indication of buried ferrous debris that may be linked to the feature (low confidence) with a small potential of an artefact due to the change in seabed morphology.	
70456	Magnetic	395897	5685527	О3	-	-	-	69	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a coil of steel wire rope, which was recovered to deck.	MAG_3471
70457	Debris	395907	5685566	A2	5.7	0.2	0.1	398	Linear dark reflector with height seen in the sidescan sonar data. Associated medium asymmetric dipole seen in the magnetic data. Likely partially buried ferrous debris.	
70458	Magnetic	396009	5685502	A2	-	-	-	1103	Large asymmetric dipole seen in the magnetic data. No defined surficial representation. Located amongst minor bedforms, indicating buried ferrous debris.	
70459	Magnetic	396041	5685567	О3	-	-	-	724	Two magnetic anomalies seen over a number of lines identified as large symmetric and asymmetric dipoles. No surficial representation.  Located amongst minor bedforms and rough ground, indicating potential buried ferrous debris, possibly more than one item. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a metal item of debris, which was recovered to deck.	MAG_3518
70460	Magnetic	396054	5685572	О3	-	-	-	113	Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, close to 70459. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a length of metal pipe, which was recovered to deck.	MAG_3522



70461	Magnetic	396058	5685562	A2	-	-	-	233	Medium negative monopole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, close to and possibly associated with (or positional offset) 70459.	
70462	Magnetic	396163	5685589	О3	-	-	-	3457	Very large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst some minor bedforms indicating buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a length of metal pipe, which was recovered to deck.	MAG_3543
70463	Magnetic	396245	5685629	A2	-	-	-	82	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst slightly roughened seabed. Potentially indistinct or buried ferrous debris.	
70464	Debris	396286	5685607	A2	3.1	0.6	0.1	124	Dark rectangular reflector with height seen in the sidescan sonar data with associated medium asymmetric dipole. Apparent ferrous debris.	
70465	Magnetic	396312	5685596	A2	-	-	-	74	Small asymmetric dipole seen in the magnetic data. No apparent surficial representation. Indication of buried ferrous debris, close to a long linear anomaly, with a number of magnetic anomalies potentially associated (7052, 70467, 70469, 70468, 70470 and 70471).	
70466	Magnetic	396317	5685666	A2	-	-	-	251	Two medium asymmetric dipoles seen in the magnetic data. Appear to be the same anomaly but slightly offset, potential for more than one object or positional error. No distinct surficial representation. Located amongst minor bedforms and slightly rough seabed. Possible buried ferrous debris.	
70467	Debris	396369	5685647	O3	1.3	0.4	0.4	707	A medium asymmetric dipole seen in the magnetic data, with a dark reflector with height and possibly scour or more complex structure seen in the sidescan sonar data. May be potential partially buried debris associated with the debris and long linear object, rope / chain seen nearby (7052). The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be multiple of ferrous items of debris and a concrete block, which were all recovered to deck.	MAG_3589_A and B
70468	Magnetic	396377	5685596	A2	-	-	-	267	Medium asymmetric dipole seen in the magnetic data. No apparent surficial representation. Indication of buried ferrous debris, close to a long linear anomaly (70532), with a number of magnetic anomalies potentially associated (70465, 70467, 70469, 70470 and 70471).	
70469	Magnetic	396384	5685673	О3	-	-	-	981	Large asymmetric dipole seen in the magnetic data. No apparent surficial representation. Indication of buried ferrous debris, close to a long linear anomaly, with a number of magnetic anomalies potentially associated (7052, 70465 70467, 70468, 70470, 70471). The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a plate of metal, which was recovered to deck.	MAG_3608
70470	Magnetic	396389	5685611	A2	-	-	-	51	Small asymmetric dipole seen in the magnetic data. No apparent surficial representation. Indication of buried ferrous debris, close to a long linear anomaly, with a number of magnetic anomalies potentially associated (7052, 70465, 70467, 70469, 70468, 70471).	
70471	Magnetic	396399	5685630	A2	-	-	-	74	Small asymmetric dipole seen in the magnetic data. No apparent surficial representation. Indication of buried ferrous debris, close to a long linear anomaly, with a number of magnetic anomalies potentially associated (7052, 70465 70467, 70469, 70468 and 70470).	
70472	Magnetic	396430	5685682	О3	-	-	-	1812	Large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Potentially indistinct or buried ferrous debris. Close to 70473, do not look like the same object on the magnetic profiles but possibly linked, at least two objects lying next to each other. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a ferrous debris item, thought to be the mine chair from a German GU moored mine, which was recovered to deck.	MAG_3616
70473	Magnetic	396446	5685683	О3	-	-	-	2121	Very large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst slightly roughened seabed. Near to a linear feature seen in the magnetic data and a number of other anomalies. Indicative of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be a debris item, thought to be a metal frame, which was recovered to deck.	MAG_3620
70474	Magnetic	396465	5685696	О3	-	-	-	136	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to lengths of steel beams, all of which were recovered to deck.	MAG_3625_A, B and C
70475	Magnetic	396480	5685711	A2	-	-	-	89	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70476	Magnetic	396483	5685695	О3	-	-	-	92	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be two items of debris; a metal plate and length of pipe, both of which were recovered to deck.	MAG_3627_A, and B
70477	Magnetic	396541	5685721	A2	-	-	-	244	Medium asymmetric dipole, almost positive monopole, seen in the magnetic data. No defined surficial representation. Located amongst slightly roughened ground. Indicating buried ferrous debris.	
70478	Rope / chain	396543	5685673	A2	9.9	0.7	0.2	106	Dark linear reflector with height seen in the sidescan sonar data, associated with a magnetic anomaly at the same position, seen as a medium asymmetric dipole in the magnetic data. Possibly a section of chain or rope, or a seabed scar with further ferrous items buried amongst the bedforms. Located near to 70479 and 7055, may be associated.	
70479	Magnetic	396559	5685658	A2	-	-	-	510	Medium asymmetric dipole seen in the magnetic data. Located amongst an area of bedforms. No surficial representation seen, however close to 70478, a linear dark reflector indicating rope/chain, may be associated buried ferrous debris.	
70480	Debris	396615	5685675	A2	1.6	0.2	0.1	210	A medium asymmetric dipole seen in the magnetic data, with a potentially associated small dark reflector seen in the sidescan sonar data.  Located amongst bedforms. Indistinct ferrous debris likely buried or partially buried.	
70481	Magnetic	396647	5685742	A2	-	-	-	125	Medium symmetric and asymmetric dipoles seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, near 7058, possibly associated.	
70482	Magnetic	396720	5685747	A2	-	-	-	154	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst rough ground and minor bedforms. Indication of buried ferrous debris.	
70483	Magnetic	396728	5685717	A2	-	-	-	464	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, possibly more than one item.	
70484	Magnetic	396784	5685831	A2	-	-	-	105	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms, in the trough of a large bedform. Indication of buried ferrous debris.	
70485	Magnetic	396799	5685782	A2	-	-	-	58	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	



70486	Magnetic	396802	5685837	A2	-	-	-	59	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70487	Magnetic	396839	5685755	A2	-	-	-	526	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70488	Magnetic	396859	5685772	A2	-	-	-	57	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70489	Debris	396885	5685854	A2	2.1	0.3	0.2	89	Small asymmetric dipole seen in the magnetic data, appears associated with a small dark reflector with height in the sidescan sonar data.  Indication of ferrous debris, possibly partially buried. Located on the ridge of a large bedform.	
70490	Magnetic	396904	5685850	A2	-	-	-	158	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70491	Magnetic	396981	5685867	О3	-	-		293	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms, indicating potentially buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be metal pipe, which was recovered to deck.	MAG_3695
70492	Magnetic	397102	5685857	A2	-	-	-	56	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70493	Magnetic	397103	5685915	О3	-	-	-	571	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be an anchor, which was recovered to deck.	MAG_3708
70494	Magnetic	397145	5685881	A2	-	-	-	82	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70495	Magnetic	397197	5685915	О3	-	-	-	1811	Large asymmetric dipole seen in magnetic data. Consisting of two anomalies approximately 15 m in length, which appear associated. No surface representation. Located amongst an area of bedforms, indicating a collection of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be an anchor, which was recovered to deck.	MAG_mask_0159_A
70496	Magnetic	397221	5685891	A2	-	-	-	65	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70497	Magnetic	397314	5686016	A2	-	-	-	124	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly a number of objects or positional offset.	
70498	Magnetic	397333	5685958	О3	-	-	-	229	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. The feature was investigated by a dive team during UXO operations (Deep Ocean 2017) and found to be length of steel wire rope, which was recovered to deck.	MAG_3719
70499	Magnetic	397353	5685987	A2	-	-	-	503	Medium asymmetric dipoles seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one object.	
70500	Magnetic	397361	5685952	A2	-	-	-	93	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70501	Magnetic	399068	5686428	A2	-	-	-	340	Medium asymmetric dipole seen in the magnetic data. Close to a linear feature seen in the magnetic data that was identified in 2010 as 7066 now removed from the dataset due to interpretation in current dataset as modern (rope/chain/discarded cable). No surficial representation is seen with the presence of bedforms. Indication of buried ferrous debris.	
70502	Magnetic	399091	5686479	A2	-	-	-	84	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70503	Magnetic	399268	5686442	A2	-	-	-	79	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70504	Magnetic	399281	5686424	A2	-	-	-	48	Small positive seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70505	Rope / chain	399364	5686425	A2	18.3	0.4	-	-	Dark linear reflector seen along track amongst minor bedforms in the sidescan sonar data. No associated magnetic anomaly, but magnetic variance seen in the area. Indicating low or non-ferrous debris, potentially rope. Located near to 70507, a section of rope/chain.	
70506	Debris	399395	5686391	A2	3	1	0.4	-	Dark reflector with height of unusual shape seen in the sidescan sonar data. No associated magnetic anomaly, although some slight changes seen in the magnetic grid. Indicating non-ferrous debris, or natural. Near to some linear dark reflectors seen in the sidescan sonar (70505 and 70507).	
70507	Rope / chain	399416	5686411	A2	6.8	0.4	-	-	Dark linear reflector seen amongst minor bedforms in the sidescan sonar data. No associated magnetic anomaly, but magnetic variance seen in the area. Indicating low or non-ferrous debris, potentially rope. Located near to 70505, a section of rope/chain.	
70508	Magnetic	399421	5686450	A2	-	-	-	58	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70509	Dark reflector	399499	5686389	A2	3.2	1	0.3	•	Dark reflector with height, indicating an angular almost oblong shape. No associated magnetic anomaly indicating no ferrous content.	
70510	Magnetic	399646	5686446	A2	-	-	-	278	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70511	Debris	399795	5686471	A2	1.7	0.8	0.2	467	Indistinct dark reflector with height seen in the sidescan sonar data, no defined shape apparent to indicate origin of the debris. At location of a medium asymmetric dipole seen in the magnetic data. Located amongst minor bedforms. Indication of ferrous debris.	
70512	Magnetic	399842	5686395	A2	-	-	-	518	Medium almost symmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris. Close to 70513.	
70513	Magnetic	399846	5686404	A2	-	-	-	203	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, next to 70512 possibly associated.	
70514	Debris	399847	5686426	A2	1.4	0.6	0.4	466	Dark reflector with height, appears curved, seen in the sidescan sonar data with slight disturbance around it. Associated with a medium asymmetric dipole seen in the magnetic data. Object looks like it could be a boulder, however magnetic variance indicates otherwise.	



70515	Magnetic	399907	5686409	A2	-	-	-	147	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70516	Dark reflector	399936	5686396	A2	2.8	1.7	0.8	-	Indistinct dark reflector of an angular shape with height, seen in the sidescan sonar data. No associated magnetic anomaly. Possibly of non-ferrous origin or natural.
70517	Debris	400063	5686417	A2	4	1.2	0.3	120	Dark reflector with height seen in the sidescan sonar data, appears associated with a medium asymmetric dipole seen in the magnetic data.  No clear shape identifiable, possible indication of partial burial of ferrous debris.
70518	Seafloor disturbance	400075	5686387	A2	5.2	3.5	0.1	500	Indication of seafloor disturbance seen in the sidescan sonar data, as two elongated object and a bright reflector seen amongst stretching and noise in the data making it hard to define detail. Appears associated with a medium asymmetric dipole seen in the magnetic data.  Indication of partially buried debris.
70519	Debris	400093	5686404	A2	2.9	0.1	0.1	341	Elongated dark reflector with height seen in the sidescan sonar data. Appears associated with a medium asymmetric dipole seen in the magnetic data. Possibly partially buried ferrous debris, or a small section of linear debris like rope or chain. Possibly linked to nearby debris (70518 and 70517).
70520	Debris field	400450	5686447	A2	18.1	9.6	0.1	87	Dark reflectors with height seen in the sidescan sonar data, as a group, hard to separate out the individual items (one item was thought to be approximately 1.5 m by 0.6 m, with a height of 0.2 m). Associated magnetic anomaly of a small asymmetric dipole was present in the magnetic data. A second magnetic anomaly (70521) is seen close by, it may be that this anomaly is part of this group of debris, however due to positional offset it is approximately 18 m away.
70521	Magnetic	400468	5686441	A2	-	-	-	265	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly more than one item, near and possibly associated with a debris field (70520).
70522	Dark reflector	400515	5686448	A2	2.5	0.2	0.1	-	Elongated dark reflector with shadow seen amongst rough ground in the sidescan sonar data. No associated magnetic anomaly. Possibly non-ferrous debris.
70523	Debris	400548	5686469	A2	4.9	2.5	0.1	263	Dark rounded reflector with height seen amongst bright seabed (indicating changes in sediment). Associated with a medium asymmetric dipole seen in the magnetic data. Indicating possible partially buried debris.
70524	Debris	401242	5686482	A2	1.9	0.5	0.3	43	Dark reflector with height seen in the sidescan sonar data amongst minor bedforms. Small asymmetric dipole seen in the magnetic data appears to be associated. Object appears to be either small item of debris or boulder.
70525	Magnetic	401313	5686395	A2	-	-	-	44	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70526	Debris field	401318	5686420	A2	9	8.8	0.2	281	Collection of dark reflectors and seabed disturbance. Associated medium asymmetric dipole and nearby positive monopole in the magnetic data. Indicating ferrous debris, possibly partially buried. May be associated with the nearby debris (70528 and 70529) and linear feature (rope/chain) seen in the sidescan sonar.
70527	Debris	401332	5686468	A2	4	1.7	0.5	-	Dark reflector with an oblong shape and height seen in the sidescan sonar data. Near to a linear object, possibly rope and debris (70526, 70528 and 70529). Possibly associated. No associated magnetic anomaly. Indicating non-ferrous debris.
70528	Debris	401334	5686430	A2	5.4	0.3	0.2	-	Bright reflector with height at the end of a long linear feature seen in the sidescan sonar data. No associated magnetic anomaly. Possibly linked to 70529, by the linear feature or associated debris from the linear feature. Indication of non-ferrous debris.
70529	Debris	401377	5686471	A2	1.1	0.9	0.5	-	Dark reflector with height located at the end of linear feature (possibly rope) seen in the sidescan sonar data. The linear feature extends for approximately 76 m. No associated magnetic anomaly. Indicating non-ferrous debris, possibly associated with the linear feature and debris (70526 and 70528) or the object that caught the linear feature.
70530	Debris	401537	5686455	A2	1.2	0.8	0.1	53	Oblong shaped object of similar reflectivity to the seabed but with a dark reflector edge near to shadow, seen in the sidescan sonar data.  Appears isolated. Magnetic anomaly associated, small asymmetric dipole with peaks over two lines seen in the magnetic data. Indicating partially buried ferrous debris.
70531	Debris	401736	5686396	A2	1.1	0.5	0.3	-	Object with height seen on the edge of the range with a linear feature extending from it (approx. 40 m) seen in the sidescan sonar data. The linear feature is likely recent debris relating to fishing activities. No associated magnetic anomaly. Indication of non-ferrous debris, possibly linked with 70533 and 70534.
70532	Debris	401781	5686440	A2	1.7	0.6	0.7	473	Dark reflector with height seen in the sidescan sonar data, appears curved with rope extending from the object for approximately 54 m.  Magnetic anomaly is associated, a medium positive monopole seen in the magnetic data. Slight depression seen in the bathymetry data.  Appears to be ferrous debris that is either part of or with debris caught on it that is believed to be rope from recent anthropogenic origin, possibly associated with fishing activities. Possibly linked to 70533 and 70531.
70533	Debris	401784	5686413	A2	3.5	1.5	0.4	-	Large object with height similar reflectivity as the surrounding seabed seen in the sidescan sonar data. Linear of low reflectivity seen extending off debris, not well defined in the data. No associated magnetic anomaly. Possibly debris linked to 70532 and 70531.
70534	Magnetic	401805	5686421	A2	-	-	-	169	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris. Located near to some debris (70532 <30 m away) possibly linked to discarded fishing gear, may be associated with the debris.
70535	Dark reflector	401809	5686484	A2	1.7	0.7	0.1	-	Dark reflector with an interesting signature and height seen in the sidescan sonar data. Appears circular. No associated magnetic anomaly.  Possibly partially buried debris or a natural feature with scour.
70536	Debris	401868	5686455	A2	2	1.2	0.1	127	Mostly identifiable as a bright reflector in the sidescan sonar data, with associated magnetic anomaly, medium asymmetric dipole. Indicating a partially buried object of ferrous origin.
70537	Magnetic	401893	5686432	A2	-	-	-	87	Small asymmetric dipole seen in the magnetic data, spread over a wide area due to survey lines. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70538	Magnetic	402242	5686411	A2	-	-	-	79	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70539	Magnetic	402696	5686438	A2	-	-	-	90	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70540	Magnetic	403115	5686473	A2	-	-	-	50	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.



70541	Magnetic	403172	5686557	A2	-	-	-	41	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. A linear feature (seabed scar) can be seen nearby in the bathymetry data, the magnetic anomaly appears to be amongst this feature, indicating buried ferrous debris with a small potential of an artefact due to the change in seabed morphology.
70542	Magnetic	403242	5686573	A2	-	-	-	316	Medium asymmetric dipole covering a large area of variance (Approx. 25 m) in the magnetic data. No surface representation. Amongst an area of minor bedforms, indicating buried ferrous debris.
70543	Magnetic	403557	5686613	A2	-	-	-	87	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70544	Dark reflector	403804	5686595	A2	6.5	0.3	0.1	-	Linear feature as a dark reflector on the seafloor seen in the sidescan sonar data, possible second object next to it. Possible natural feature (seabed scar) or partially buried object. Slight magnetic variance seen in the magnetic data, but not of note. Indication of possible low or non-ferrous object.
70545	Magnetic	403869	5686595	A2	-	-	-	61	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70546	Magnetic	404563	5686697	A2	-	-	-	106	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms, in the trough of a large bedform. Indication of buried ferrous debris, near to 70547.
70547	Magnetic	404569	5686706	A2	-	-	-	132	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70546.
70548	Magnetic	404616	5686699	A2	-	-	-	42	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70549	Magnetic	404666	5686773	A2	-	-	-	50	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70550	Magnetic	404708	5686726	A2	-	-	-	63	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70551	Magnetic	405016	5686740	A2	-	-	-	225	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70552	Magnetic	405294	5686872	A2	-	-	-	45	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70553	Magnetic	406015	5686920	A2	-	-	-	40	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70554	Dark reflector	406384	5686982	A2	1.2	1.2	0.3	-	Dark reflector with height, appears to be oblong shaped, seen on the sidescan sonar data. Located amongst an area of bedforms. No magnetic anomaly, indicating not of ferrous origin. Possibly non-ferrous debris or natural.
70555	Bright reflector	406479	5686966	A2	0.8	0.5	-	-	Low reflectivity feature seen amongst fairly flat seabed in the sidescan sonar data. No dark reflector apparent. Seen amongst magnetic variance, but not an identified magnetic anomaly. Indicating low or non-ferrous debris.
70556	Magnetic	406594	5687036	A2	-	-	-	63	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70557	Magnetic	406677	5687103	A2	-	-	-	53	Small asymmetric dipole seen in the magnetic data. No surficial representation seen. Located amongst rough ground. Indicative of potential buried ferrous debris.
70558	Magnetic	406899	5687124	A2	-	-	-	58	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst rough ground. Indication of buried ferrous debris.
70559	Dark reflector	407030	5687302	A2	2.1	1.3	0.5	-	Angular dark reflector with height seen on the sidescan sonar data. Seen amongst rough ground and boulders. No associated magnetic anomaly.
70560	Debris	407103	5687267	A2	2.6	1.6	0.2	1218	Dark reflector seen in the sidescan sonar data as shallow oblong shape (no great height), with further features that cannot be identified.  Magnetic anomaly also identified as a large almost symmetric dipole in the magnetic data. Indicating ferrous debris, possibly slightly buried or with little height.
70561	Magnetic	407110	5687322	A2	-	-	-	1585	Large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms and linear seabed scars.  Indication of buried ferrous debris.
70562	Magnetic	407149	5687327	A2	-	-	-	854	Large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms and linear seabed scars.  Indication of buried ferrous debris.
70563	Magnetic	407698	5687379	A2	-	-	-	103	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70564	Magnetic	407715	5687330	A2	-	-	-	151	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70565	Magnetic	408061	5687311	A2	-	-	-	108	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70566	Magnetic	408164	5687282	A2	-	-	-	40	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70567	Magnetic	408356	5687229	A2	-	-	-	89	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70568	Magnetic	408356	5687268	A2	-	-	-	146	Medium asymmetric dipole seen in the magnetic data. No defined surficial representation, located amongst rough ground and minor bedforms. Indication of buried ferrous debris. In 2010 this magnetic anomaly was grouped with a dark reflector (7079) however with recent higher resolution data they appear 33 m apart and so are seen to be separate. Previous magnetic anomaly 8 nT. The dark reflector (1.1 x 0.6 x 0.7 m in 2010) is believed to be natural and so has been discounted using the 2016 data.



70569	Debris	408413	5687218	A2	1.7	0.5	0.4	57	Defined dark reflector with height, possibly two objects close together, seen on the sidescan sonar data. Associated small asymmetric
70570	Magnetic	408417	5687234	A2	_	_	_	163	dipole seen in the magnetic data indicating debris of ferrous origin. Located amongst an area of rough ground.  Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried
						_	_		ferrous debris.  Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous
70571	Magnetic	408651	5687220	A2	-	-	-	43	debris.
70572	Magnetic	408952	5687222	A2	-	-	-	62	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70573	Magnetic	409039	5687174	A2	-	-	-	456	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, near to and possibly associated with 70574, 70575 and 70577.
70574	Magnetic	409046	5687156	A2	-	-	-	74	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, near to and possibly associated with 70573, 70575 and 70577.
70575	Magnetic	409066	5687151	A2	-	-	-	304	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris, near to and possibly associated with 70573, 70574 and 70577.
70576	Magnetic	409076	5687200	A2	-	-	-	56	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70577	Magnetic	409099	5687164	A2	-	-	-	424	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried
				_					ferrous debris, possibly more than one item, near to and possibly associated with 70573, 70574 and 70575.  Small asymmetric dipole seen in the magnetic data. An elongated dark reflector with no height was seen in the sidescan sonar data (1.2 x
70578	Magnetic	409113	5687214	A2	-	-	-	61	0.2 x 0.0 m), however the object appears natural with no definitive characteristic linking to the magnetic anomaly. Located amongst rough ground and bedforms. Indicates buried ferrous debris.
70579	Magnetic	409247	5687187	A2	-	-	-	155	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located near bedforms. Indication of buried ferrous debris.
70580	Magnetic	409327	5687153	A2	-	-	-	63	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70581	Magnetic	409490	5687181	A2	-	-	-	69	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70582	Magnetic	409827	5687149	A2	-	-	-	87	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70500		400000	5007057					400	Medium asymmetric dipole seen in the magnetic data. A dark reflector with height (1.3 x 0.7 x 0.1 m) is seen in the sidescan sonar data,
70583	Magnetic	409832	5687057	A2	-	-	-	139	possibly associated but hard to confirm if of natural origin or not. Located amongst rough ground. Possibly buried or partially buried ferrous debris.
70584	Debris	409864	5687132	A2	2.8	0.5	0.3	65	Dark reflector with height seen in the sidescan sonar data, seen amongst an area of rough ground and boulders - hard to discern between the object and the boulders. Second dark reflector with height close by thought to be natural, but may be associated. Appears associated with a small magnetic anomaly, indicating potential partially buried ferrous debris or natural debris covering the ferrous.
70585	Debris	410031	5687046	A2	1.6	1.0	0.6	244	Dark reflector with height seen in the sidescan sonar data, associated with a medium very asymmetric dipole in the magnetic data. Located amongst an area of rough ground. Possibly partially buried ferrous debris.
70586	Magnetic	410202	5687023	A2	_	_	-	59	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst rough ground. Indication of buried ferrous
70587	Magnetic	410205	5687074	A2	_	_	-	45	debris.  Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms and rough ground.
70588		410217	5687099	A2				303	Indication of buried ferrous debris.  Medium asymmetric dipole seen in the magnetic data. No surface representation. Located amongst changing bathymetry and rough
	Magnetic	-			-	-	-		ground. Possibly buried ferrous debris.  Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous
70589	Magnetic	410487	5686991	A2	-	-	-	55	debris.
70590	Magnetic	410709	5686985	A2	-	-	-	55	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst rough ground. Indicative of buried ferrous debris.
70591	Magnetic	410771	5687008	A2	-	-	-	120	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70592	Magnetic	411103	5686946	A2	-	-		83	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70593	Magnetic	411639	5686969	A2	-	-	ı	55	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70594	Magnetic	412079	5686957	A2	-	-	-	42	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70595	Magnetic	413058	5686928	A2	-	-	-	72	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70596	Magnetic	413274	5686964	A2	-	-	-	1109	Large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst flat seabed and mobile fine sediment.  Indication of buried ferrous debris.
70597	Magnetic	413380	5686942	A2	-	-	-	68	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.



70598	Magnetic	413864	5686938	A2	-	-	-	57	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms, slight deformation over bedform may indicate debris presence. Indication of buried ferrous debris.
70599	Magnetic	413910	5686894	A2	-	-	-	76	Small asymmetric dipole seen in the magnetic data. Located amongst an area of bedforms. No distinct surface expression, however there is a slight deformation on a bedform that may be linked to the magnetic anomaly. Indication of buried ferrous debris.
70600	Magnetic	414681	5686943	A2	-	-	-	85	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70601	Magnetic	414808	5686874	A2	-	-	-	43	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70602	Magnetic	414928	5686882	A2	-	-	-	49	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70603	Dark reflector	414948	5686904	A2	3.2	0.4	0.2	-	Dark reflector, with slight curve and height seen in the sidescan sonar data. Located amongst bedforms. No associated magnetic anomaly.
70604	Magnetic	415304	5686894	A2	-	-	-	41	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70605	Magnetic	415461	5686886	A2	-	-	-	115	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, possibly a number of objects or positional offset.
70606	Dark reflector	415742	5686920	A2	1.0	0.6	0.2	-	Dark reflector with height seen in the sidescan sonar data. No associated magnetic anomaly. Located amongst bedforms and near to a larger item of debris (70607). Possibly associated non-ferrous debris or natural.
70607	Debris	415743	5686926	A2	1.3	0.8	0.4	148	Strong dark reflector with height seen in the sidescan sonar data, with an associated magnetic anomaly seen as a medium asymmetric dipole in the data. Amongst an area of bedforms, so possibly further details buried. Identified as ferrous debris. Second smaller dark
									reflector seen nearby, but with no apparent ferrous content.
70608	Debris	416456	5686864	A2	1.8	1.1	0.3	93	Strong dark reflector with height seen in the sidescan sonar data, with a corresponding small asymmetric dipole seen in the magnetic data.  Close to a second object, which does not appear to be as distinct and not ferrous. Located on the edge of an area of bedforms.
70609	Dark reflector	416458	5686868	A2	1.0	0.7	0.2	-	Dark reflector with height, appears to have a sloped side, next to second large dark reflector with associated magnetic anomaly (70608).  Located on the edge of an area of bedforms, amongst minor bedforms. Possibly associated non-ferrous debris, or natural.
70610	Magnetic	416564	5686855	A2	-	-	-	207	Medium asymmetric dipole seen in the magnetic data. Amongst an area of bedforms. No surface representation seen, indicating buried ferrous debris.
70611	Debris	416664	5686858	A2	3.3	0.5	0.2	227	Curved dark reflector, with height seen in the sidescan sonar data, associated with a medium asymmetric dipole seen in the magnetic data.  Located on the edge of an area of bedforms. The data indicates ferrous debris.
70612	Debris	416980	5686912	A2	1.4	0.6	0.1	116	Elongated dark reflector with height seen on the sidescan sonar data. Associated with a medium asymmetric dipole, seen in the magnetic data. Indicating possibly partially buried, ferrous debris. Amongst rough ground and on the edge of an area of bedforms.
70613	Debris	417088	5686871	A2	2.4	1.5	0.3	228	Dark reflector with height, seen in the sidescan sonar data, on the edge of an area of bedforms. Associated with a medium asymmetric dipole in the magnetic data. The dark reflector looks almost natural but due to its location on the edge of an area of bedforms there may be further detail buried, indicating potential partially buried ferrous debris.
70614	Magnetic	417376	5686842	A2	-	-	-	44	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70615	Debris	417418	5686917	A2	2.6	0.8	0.1	152	Medium asymmetric dipole seen in the magnetic data, likely associated with a dark reflector with height seen in the sidescan sonar data.  Located on the boundary of an area of bedforms. May be partially buried ferrous debris.
70616	Magnetic	417595	5686836	A2	-	-	-	186	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70617	Magnetic	417980	5686830	A2	-	-	-	85	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.
70618	Debris	418456	5686826	A2	1.7	1.5	0.6	-	Elongated dark reflector with height, appears angular, seen in the sidescan sonar data. No corresponding magnetic anomaly indicating that it is not of ferrous material.
70619	Debris	418512	5686840	A2	2.1	0.6	0.2	-	Elongated dark reflector seen in the sidescan sonar data amongst an area of rough ground and bedforms. No correlating magnetic anomaly indicating that it is not of ferrous material.
70620	Magnetic	418659	5686865	A2	-	-	-	51	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70621	Magnetic	418764	5686821	A2	-	-	-	41	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.
70622	Debris	418949	5686864	A2	0.7	0.1	0.1	56	Small asymmetric dipole seen in the magnetic data, with associated small dark reflector seen in the sidescan sonar data. Possible debris, some parts may be partially buried. Seen amongst rough ground, on the edge of an area of bedforms.
70623	Debris	419449	5686877	A2	0.5	0.5	0.2	589	Possible debris with height seen in the sidescan sonar data, amongst an area of bedforms, dark reflector seen amongst the shadow of the dune - possibly related. Appears associated with a medium asymmetric dipole seen in the magnetic data, indicating that the object is ferrous, or there are partially buried sections that are of ferrous material.
70624	Seafloor disturbance	419513	5686905	A2	6.0	2.8	-	-	A seafloor disturbance consisting of a linear object that appears partially buried, with nearby possibly buried objects at angles to each other, seen in the sidescan sonar. Appears aligned slightly differently to the surrounding bedforms, but could be part of the natural formation. Near to some magnetic variance, but no associated magnetic variance indicating a collection of non-ferrous debris or of natural origin.
70625	Magnetic	419677	5686861	A2	-	-	-	310	Medium asymmetric dipole seen in the magnetic data. Amongst an area of bedforms. No surface representation seen, indicating buried ferrous debris.
70626	Magnetic	419809	5686908	A2	-	-	-	49	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.



70627	Magnetic	419852	5686860	A2	-	-	-	264	Medium very asymmetric dipole seen in the magnetic data. Amongst an area of bedforms. No surface representation seen, indicating buried ferrous debris.	
70628	Dark reflector	419997	5686860	A2	3.4	1.0	0.1	-	Elongated dark reflector with height, seen in the sidescan sonar data. No associated magnetic anomaly. Located close to the boundary of an area of bedforms. Possible non-ferrous debris or natural.	
70629	Magnetic	420079	5686847	A2	-	-	-	70	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst rough ground near bedforms. Indication of buried ferrous debris.	
70630	Magnetic	420137	5686894	A2	-	-	-	44	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70631	Magnetic	420223	5686852	A2	-	-	-	326	Medium asymmetric dipole seen in the magnetic data. Amongst an area of bedforms. No surface representation seen, indicating buried ferrous debris.	
70632	Magnetic	420325	5686853	A2	-	-	-	137	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70633	Magnetic	420455	5686860	A2	-	-	-	430	Medium asymmetric dipole seen in the magnetic data. Near an area of bedforms, amongst an area of minor bedforms and rougher ground. No surface representation seen, indicating buried ferrous debris.	
70634	Magnetic	420479	5686861	A2	-	-	-	349	Medium asymmetric dipole seen in the magnetic data. Amongst an area of minor bedforms. No surface representation seen, indicating buried ferrous debris, possibly more than one item or a length of ferrous debris.	
70635	Debris	420508	5686900	A2	2.2	0.5	0.2	127	Dark reflector with height seen in the sidescan sonar data, with corresponding medium asymmetric dipole seen in the magnetic data, indicating ferrous debris. Near to an area of bedforms.	
70636	Magnetic	420513	5686879	A2	-	-	-	106	Medium symmetric dipole seen in the magnetic data. No surficial representation. Located amongst minor bedforms. Indication of buried ferrous debris.	
70637	Magnetic	420540	5686907	A2	-	-	-	210	Medium asymmetric dipole seen in the magnetic data. No surficial representation, some disturbed seabed unclear if related. Located amongst minor bedforms. Indication of buried ferrous debris, next to 70638 possibly related.	
70638	Magnetic	420555	5686901	A2	-	-	-	378	Medium asymmetric dipole seen in the magnetic data. No surficial representation, some disturbed seabed unclear if related. Located amongst minor bedforms. Indication of buried ferrous debris, next to 70637 possibly related.	
70639	Magnetic	420612	5686845	A2	-	-	-	182	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70640	Magnetic	420624	5686828	A2	-	-	-	77	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, near to 70639.	
70641	Magnetic	420643	5686905	A2	-	-	-	906	Large asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70642	Magnetic	420706	5686853	A2	-	-	-	53	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70643	Magnetic	420737	5686828	A2	-	-	-	155	Medium asymmetric dipole and monopole seen in the magnetic data. No surficial representation. Located near bedforms. Indication of buried ferrous debris, possibly more than one item.	
70644	Magnetic	420741	5686881	A2	-	-	-	92	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70645	Magnetic	420784	5686898	A2	-	-	-	227	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70646	Magnetic	420813	5686825	A2	-	-	-	60	Small symmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70647	Dark reflector	420876	5686844	A2	1.4	0.2	-	-	Elongated dark reflector at the peak of a bedform. Possibly part of a buried object. Near to magnetic anomaly 70648 (14 m away), possibly related. Uncertain of origin.	
70648	Magnetic	420880	5686830	A2	-	-	-	162	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris. Close to an object, 70647, but not thought to be the same, unless partially buried.	
70649	Magnetic	420951	5686881	A2	-	-	-	159	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70650	Magnetic	421080	5686810	A2	-	-	-	71	Small asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris.	
70651	Magnetic	421094	5686848	A2	-	-	-	127	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70652.	
70652	Magnetic	421107	5686839	A2	-	-	-	122	Medium asymmetric dipole seen in the magnetic data. No surficial representation. Located amongst bedforms. Indication of buried ferrous debris, close to 70651.	
70653	Debris	388926	5686282	О3	3.1	2	0.4	86	Larger more defined of the two dark reflectors seen in the sidescan sonar data, associated with a small symmetrical dipole in the magnetic data. Seen in the bathymetry data as a small mound with no further definition, position updated. Indication of ferrous debris, located amongst fine sediment and a number of smaller dark reflectors, located near to 70654. Feature was dived during UXO investigations (Deep Ocean 2017) and found to be several metallic items of debris, all of which were recovered to deck.	MAG_6455
70654	Dark reflector	388902	5686269	О3	2.7	2.5	0.1	-	Larger and more defined of the two dark reflectors seen in the sidescan sonar data, with no magnetic anomaly but magnetic variance is seen in the magnetic data. Seen in the bathymetry data as a mound with scour, position updated. Indication of ferrous debris, located amongst fine sediment and a number of smaller dark reflectors, located near to 70653. Feature was dived during UXO investigations (Deep Ocean 2017) and found to be lobster pots. Feature was recovered to deck and not deemed to be of archaeological interest.	SSS_5587



# Appendix 2: Archaeological Object Report Forms

# Summary Record for the Discovery of MAG\_3708 / Anomaly 70493: Iron stock anchor

#### Images:







# **Discovery information:**

Date discovered:	Circumstances of discovery:
19 June 2017	ROV and diver inspection
Position of discovery:	397102.63 E 5685914.76 N (WGS84 UTM31N)

# **Geophysical data:**

Geophysical data were assessed by Wessex Archaeology for any potential archaeology along the UK sector of the cable route, for full details please see report 115580.04 (Wessex Archaeology 2017).

Magnetic anomaly 70493 (Wessex Archaeology 2017) was identified in the geophysical data, which correlates to MAG\_3708 identified by Gardline (2016; J14-233-SUB-REP-012) during the UXO investigations. The magnetic anomaly had a medium amplitude of 571 nT and was located amongst an area of mobile bedforms with no surficial representation of an object present, indicating buried ferrous debris. This anomaly was isolated with no indication of additional debris in the immediate area (within a 50 m radius). The anomaly was given an archaeological discrimination of A2, which indicates an object of uncertain origin of possible archaeological interest.

#### **Description:**

During the ROV survey, the target was visible on Blueview sonar indicating a ferrous metal contact believed to be a partially buried anchor with cable or wire attached to one end.

Recovered on 19 June 2017, the visual inspection by the diver revealed the anomaly to be an iron stock anchor, although the stock is broken and only half of it survives (having been separated from the anchor). Also, the anchor retains only one of the two flukes.

The crown is rounded with the arms forming a wide crescent. The shank tapers slightly from the crown towards the eye and it is rounded in section. The remaining fluke is approximately one half of the arm and it is spade-shaped with a pronounced bill. The stock section is circular and ends with a straight elongated rimmed ball.

The anchor is mostly covered by a thin layer of concretion and it is in an advanced state of corrosion having lost most of its original surfaces.

The presence of a nylon fishing net and other modern material (carpet fabric) that has fused onto the concretion may suggest that the anchor may be modern or may have been dragged away from its initial deposition in relatively recent times.

Measurements of the anchor are as follows:

Length of shank	1.49 m
Bill to bill	1.2 m
Thickness of shank -	
- At the crown	0.15 m
- At the stock	0.1 m
Diameter of the ring eye	60 mm
Point of the crown to the tip of the fluke	0.72 m
Width of the fluke	0.2 m
Length of the fluke	0.38 m

#### Interpretation:

The anchor could date to the second quarter of the 19th century at the earliest. However, it is more likely that this anchor was manufactured at a much later date as anchors similar to this one are common from the 1840s.

No other geophysical anomalies exist inside the corridor within 50 m of the position of this anchor. The item is assessed as being of no archaeological interest.

Period:	19th century	Date range:	1840 onwards	
Period:	19th century	Date range:	1840 Offwards	

#### References:

Gardline Geoservices Limited (Gardline) 2016 Final Integrated Interpretative Report for New Subsea Cable Survey - Nemo Link Pre-Engineering and UXO Survey. Report Reference: J14-233-SUB-REP-012.

Wessex Archaeology 2017 NEMO Link: Archaeological Assessment of Geophysical Data (UK route corridor). Unpublished report reference 115580.04.

# Summary Record for the Discovery of MAG\_6854 / Anomaly 70213: Admiralty anchor

#### Images:





# **Discovery information:**

Date discovered:	Circumstances of discovery:	
14 June 2017	Diver inspection	
Position of discovery:	389745.5 E 5685760 N (WGS84 UTM31)	

# **Geophysical data:**

Geophysical data were assessed by Wessex Archaeology for any potential archaeology along the UK sector of the cable route, for full details please see report 115580.04 (Wessex Archaeology 2017).

Magnetic anomaly 70213 (Wessex Archaeology 2017) was identified in the geophysical data, which correlates to MAG\_6854 identified by Gardline (2016; J14-233-SUB-REP-012) during the UXO investigations. The magnetic anomaly had a medium amplitude of 294 nT and was located amongst an area of mobile bedforms, with no surficial representation of an object present, indicating buried ferrous debris. This anomaly was located close to four anomalies, but it was not clear if any were associated with 70213. This anomaly was given an archaeological discrimination of A2, which indicates an object of uncertain origin of possible archaeological interest.

Four additional anomalies identified by Gardline (2016), located near the as found location of 70213 (MAG\_6854), were investigated as potential UXO and included: metallic debris, disturbed by dredging during investigations, identified at distances of approximately 11 m, 42 m and 76 m to the south and south-east (MAG\_6849, MAG\_6865 and MAG\_6881 (70217), respectively), and a tyre (MAG\_6864) identified at a distance of approximately 43 m to the south-east. Only one of these items, identified as metallic debris, was identified as being of possible archaeological interest (MAG\_6881; 70217).

# **Description:**

An anchor buried 0.8 m beneath the seabed was identified during the diver survey and was recovered to the surface and given to a Chandler based in Ramsgate. The anchor is currently on display outside the chandlery.

The iron anchor has been identified as being an Admiralty Pattern type, with a straight shank with a circular cross-section that increases in diameter towards the crown. The arms are also rounded in section and each flat palm extends to a pronounced point at the bill.

The moveable iron stock of the anchor ends with two elongations in the form of a ball, and one half of the stock is bent out of shape. At the head of the shank there is a shackle secured with a pin. The shackle is fractured and is missing part of the ring.

Approximate measurements of the anchor are as follows:

Length 2 m

Diameter 0.2 m

#### Interpretation:

An Admiralty Pattern anchor. The presence of the iron stock suggests that it was probably manufactured post-1840. This anchor style was introduced by Admiral Sir William Parker and is one of the most recognisable designs to be used by the Royal Navy. The circumstances or date of the deposition are unknown but the presence of black paint covering the anchor which is in a good condition suggests that it may have been recovered, reused (as decoration perhaps) and discarded or lost again.

Period: Modern Date range: Mid-19th century

# **References:**

Gardline Geoservices Limited (Gardline) 2016 Final Integrated Interpretative Report for New Subsea Cable Survey - Nemo Link Pre-Engineering and UXO Survey. Report Reference: J14-233-SUB-REP-012.

Wessex Archaeology 2017 NEMO Link: Archaeological Assessment of Geophysical Data (UK route corridor). Unpublished report reference 115580.04.

# Summary Record for the Discovery of MAG\_7618 / Anomaly 70362: Modern stockless anchor

#### Image:



### **Discovery information:**

Date discovered:	Circumstances of discovery:	
3 June 2017	ROV and diver survey	
Position of discovery:	391630.26 E 5685095.49 N (WGS84 UTM31)	

#### **Geophysical data:**

Geophysical data were assessed by Wessex Archaeology for any potential archaeology along the UK sector of the cable route, for full details please see report 115580.04 (Wessex Archaeology 2017).

Magnetic anomaly 70362 (Wessex Archaeology 2017) was identified in the geophysical data, which correlates to MAG\_7618 identified by Gardline (2016; J14-233-SUB-REP-012) during the UXO investigations. The magnetic anomaly had a large amplitude of 1830 nT and was located amongst an area of mobile bedforms, with no surficial representation of an object present, indicating buried ferrous debris. This anomaly was isolated with no indication of additional debris in the immediate area (within a 50 m buffer). The anomaly was given an archaeological discrimination of A2, which indicates an object of uncertain origin of possible archaeological interest.

# **Description:**

The object was identified from ROV footage as a buried target with partial surface area, and was confirmed through diver survey to be a large anchor. The anchor was recovered and given to a local Chandler. The anchor has not been seen by Wessex Archaeology and so the information presented here comes from the TIR document and the image above.

This object was identified as a modern stockless iron anchor with an attached chain section. The shank is straight with a rounded section. The anchor has a large shackle attached by a pin to the

end of the shank with a length of chain attached. The anchor retains both its palms, which are in the shape of a rounded arrowhead.

The only two measurements provided by the client are a length of 1.7 m, which is likely to be from the end of the shackle to the crown. The other measurement of 1.0 m is assumed to be the distance between the extent of each palm.

# Interpretation:

Due to the absence of measurements or additional photographs, which would offer more accurate characteristics and a potential date range, it has not been possible to accurately identify or date this stockless anchor, but it most likely dates to the 20th century.

Period:	20th century	Date range:	Early-mid 20th century
i ciioa.	Zotii centary	Date range.	Larry Illia Zotti centary

#### References:

Gardline Geoservices Limited (Gardline) 2016 Final Integrated Interpretative Report for New Subsea Cable Survey - Nemo Link Pre-Engineering and UXO Survey. Report Reference: J14-233-SUB-REP-012.

Wessex Archaeology 2017 NEMO Link: Archaeological Assessment of Geophysical Data (UK route corridor). Unpublished report reference 115580.04.

# Summary Record for the Discovery of MAG\_11081 / Anomaly 70050: Possible aircraft wing

#### Images:





# **Discovery information:**

Date discovered:	Circumstances of discovery:	
06 July 2017	Diver inspection	
Position of discovery:	388148.36 E 5686502.60 N (WGS84 UTM31)	

### **Geophysical data:**

Geophysical data were assessed by Wessex Archaeology for any potential archaeology along the UK sector of the cable route, for full details please see report 115580.04 (Wessex Archaeology 2017a).

Magnetic anomaly 70050 (Wessex Archaeology 2017a) was identified in the geophysical data, which correlates to MAG\_11081 identified by Gardline (2016; J14-233-SUB-REP-012) during the UXO investigations. The magnetic anomaly had a medium amplitude of 205 nT and was located amongst an area of flat seabed and mobile fine sediment with no surficial representation of an object present, indicating buried ferrous debris. The anomaly was given an archaeological discrimination of A2, which indicates an item of uncertain origin of possible archaeological interest.

This anomaly was quite isolated; however, two anomalies were identified within a 50 m radius. The first anomaly 70052 (MAG\_11086), approximately 20 m to the north, was identified during UXO investigations as an anchor and is discussed in a separate report (Wessex Archaeology 2017b). The second anomaly 70042 (MAG\_11064), located approximately 45 m to the south-west, was identified as metallic debris (barrel) and not believed to be associated with 70050 (MAG\_11081).

# **Description:**

09/11/2017

Diver inspection and excavation of the target area indicated a large rivetted metal object that has been left *in situ* on the seabed.

The metallic object measures approximately 3 m long and 0.4 m wide, however since most of the object remained buried so it was impossible to determine the total size or shape. The item is



composed of thin metal plates fixed by metal rivets. The photographs show corrosion holes in the metal plates on which the object is attached, which is probably due to the thickness of the material.

#### Interpretation:

Identified as the possible remains of an aircraft component (possibly the wing) due to the construction and material of the section uncovered. The item was only partially exposed during the diving survey and therefore its full extent was not ascertained.

The object could be associated with an aircraft crash site, most likely dating to the Second World War where aircraft losses off the south-east coast were frequent.

All military aircraft wreckage is automatically protected under the Protection of Military Remains Act 1986 and prohibiting any unlicensed disturbance, and as such it is recommended that a Temporary Exclusion Zone (TEZ) of 100 m radius be implemented around the As Found position until further information regarding the identity of the material and extent of the site can be established.

Period:	20th century	Date range:	Mid-20th century
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#### References:

Gardline Geoservices Limited (Gardline) 2016 Final Integrated Interpretative Report for New Subsea Cable Survey - Nemo Link Pre-Engineering and UXO Survey. Report Reference: J14-233-SUB-REP-012.

Wessex Archaeology 2017a NEMO Link: Archaeological Assessment of Geophysical Data (UK route corridor). Unpublished report reference 115580.04.

Wessex Archaeology 2017b Summary Record for the Discovery of MAG\_11086 / Anomaly 70052: Jones & Lloyd's stockless anchor. Unpublished report, project ref.: 115580.

# Summary Record for the Discovery of MAG\_11086 / Anomaly 70052: Jones & Lloyd's stockless anchor

#### Images:







# **Discovery information:**

Date discovered:	Circumstances of discovery:	
17 June 2017	Diver inspection	
Position of discovery:	388157.91 E 5686518.20 N (WGS84 UTM31)	

#### **Geophysical data:**

Geophysical data were assessed by Wessex Archaeology for any potential archaeology along the UK sector of the cable route, for full details please see report 115580.04 (Wessex Archaeology 2017a).

Magnetic anomaly 70052 (Wessex Archaeology 2017a) was identified in the geophysical data, which correlates to MAG\_11086 identified by Gardline (2016; J14-233-SUB-REP-012) during the UXO investigations. The magnetic anomaly had a medium amplitude of 513 nT and was located amongst an area of flat seabed and mobile fine sediment with no surficial representation of an object present, indicating buried ferrous debris. The anomaly was given an archaeological discrimination of A2, which indicates an item of uncertain origin of possible archaeological interest.

This anomaly was quite isolated; however, two anomalies were identified within a 50 m radius. The first, anomaly 70050 (MAG\_11081), located approximately 20 m to the south, was identified during UXO investigations as potentially part of an aircraft wing and is discussed in a separate report (Wessex Archaeology 2017b). The second anomaly 70051, located approximately 36 m to the northwest, was identified as a small magnetic anomaly and was not investigated during UXO operations, but is not thought to be directly associated.

# **Description:**

A complete forged iron stockless anchor measuring 1.49 m long by 0.94 m wide with approximately 1-2 m of stud-linked chain attached to the shackle.

The central section of the anchor's shank is rectangular in section with rounded short sides, which thickens towards the crown with more defined square edges. At the head of the shank the thickness is reduced and flattened slightly, where it is attached to a D-shackle. Along the length of the shank is the inscription 'LLOYDS PATENT'. The inscription 'WROUGHT' is also present on the anchor indicating that it is wrought iron.

The crown is octagonal in shape with rounded edges, and a rectangular aperture is apparent through which the bottom of the shank is visible.

The arms of the anchor are square in section and turn up from the crown at a  $90^{\circ}$  angle. They reduce slightly in thickness and end in a pair of spear-shaped flukes. The palms have a dimension  $0.37 \text{ m} \times 0.19 \text{ m} \times 50 \text{ mm}$ .

Measurements of the anchor and chain links are as follows:

Shank length 1.49 m
Length across the arms 0.94 m
Fluke length 0.37 m
Fluke wire 0.19 m
Fluke thickness 50 mm
Link length 0.13 m
Link width 75 mm

The anchor retains its original shape including the balancing band with a close link attached, anchor shackle, bending shackle and a section of the chain. All of the elements show an advanced stage of corrosion, which is more evident around the crown.

#### Interpretation:

The anchor is likely to be an example of a Jones & Lloyd's 'Lloyd's' patent stockless anchor, which was sanctioned in 1898, and may have originated from a merchant vessel dating to the 20th century.

Due to its modern date, the item is assessed as being of low archaeological interest.

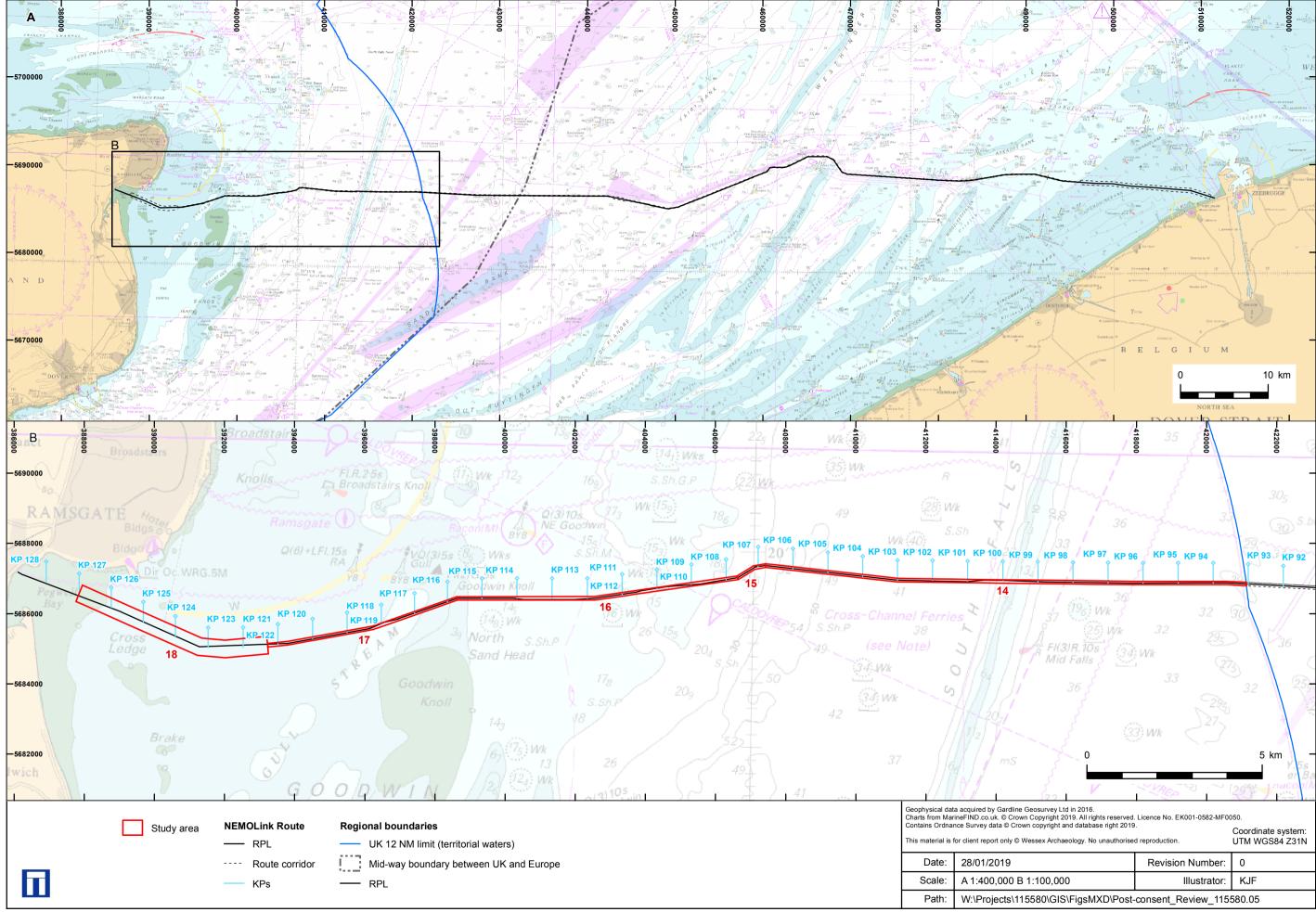
od: 20th century	Date range: 1898 onwards
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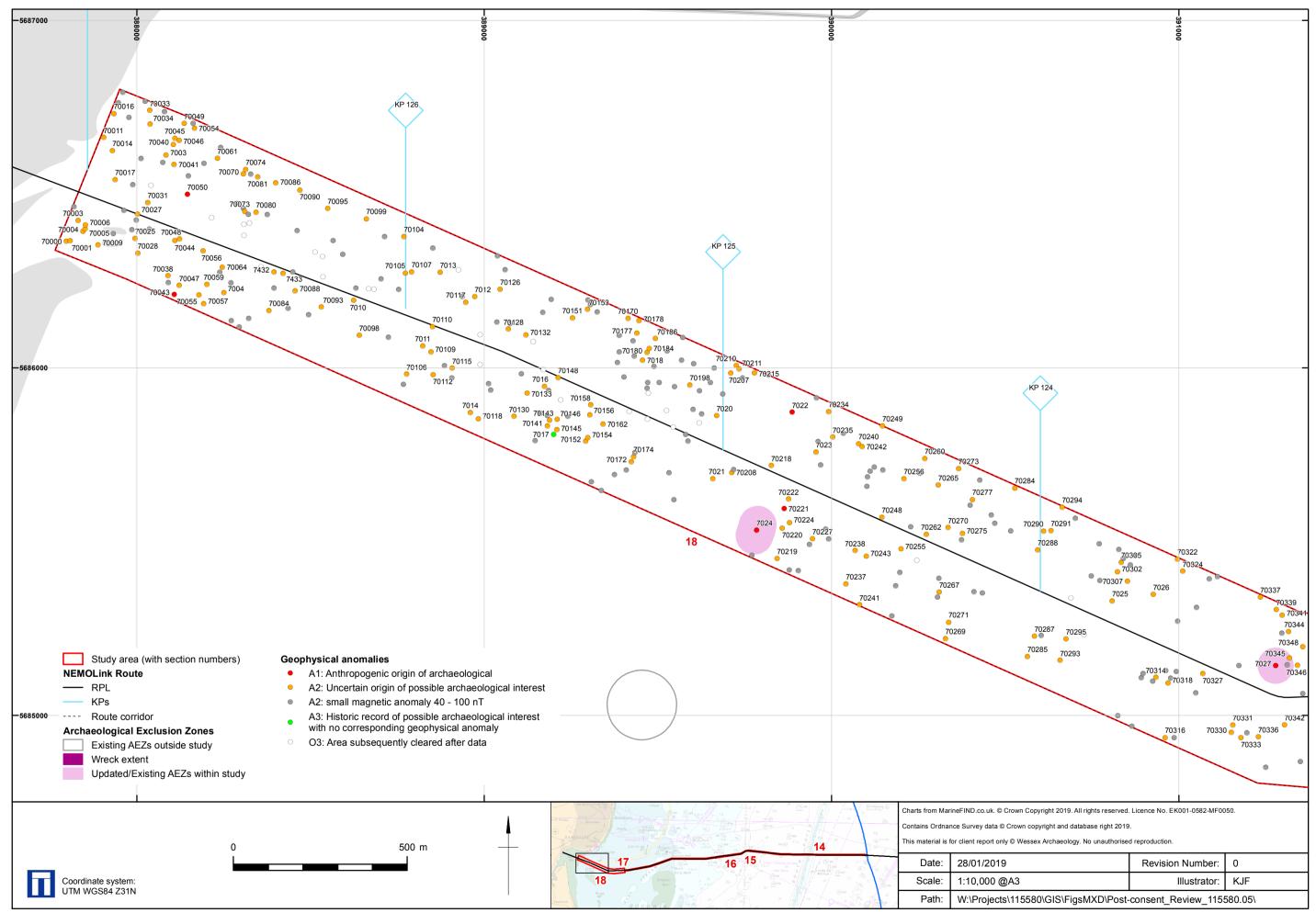
# **References:**

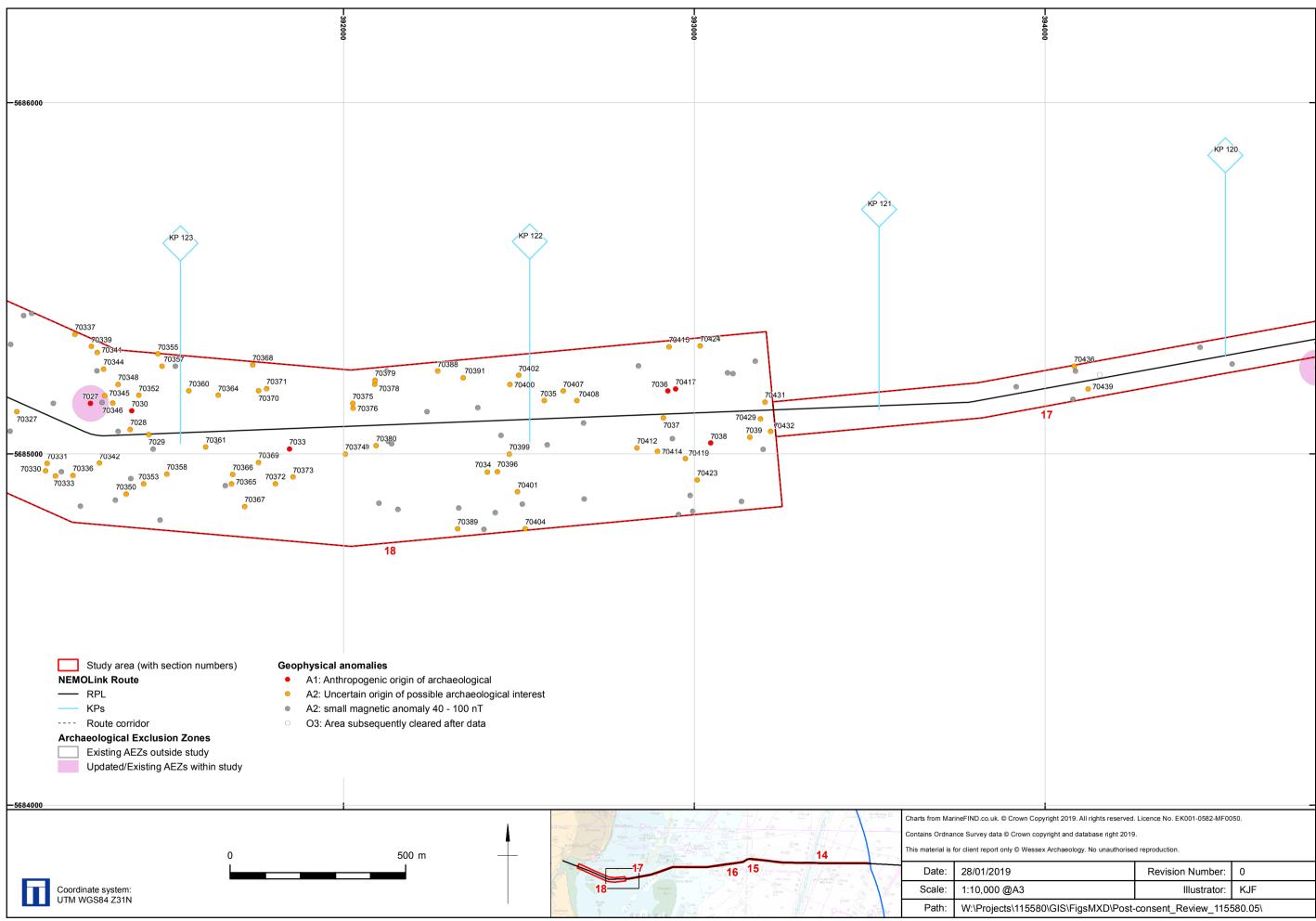
Gardline Geoservices Limited (Gardline) 2016 Final Integrated Interpretative Report for New Subsea Cable Survey - Nemo Link Pre-Engineering and UXO Survey. Report Reference: J14-233-SUB-REP-012.

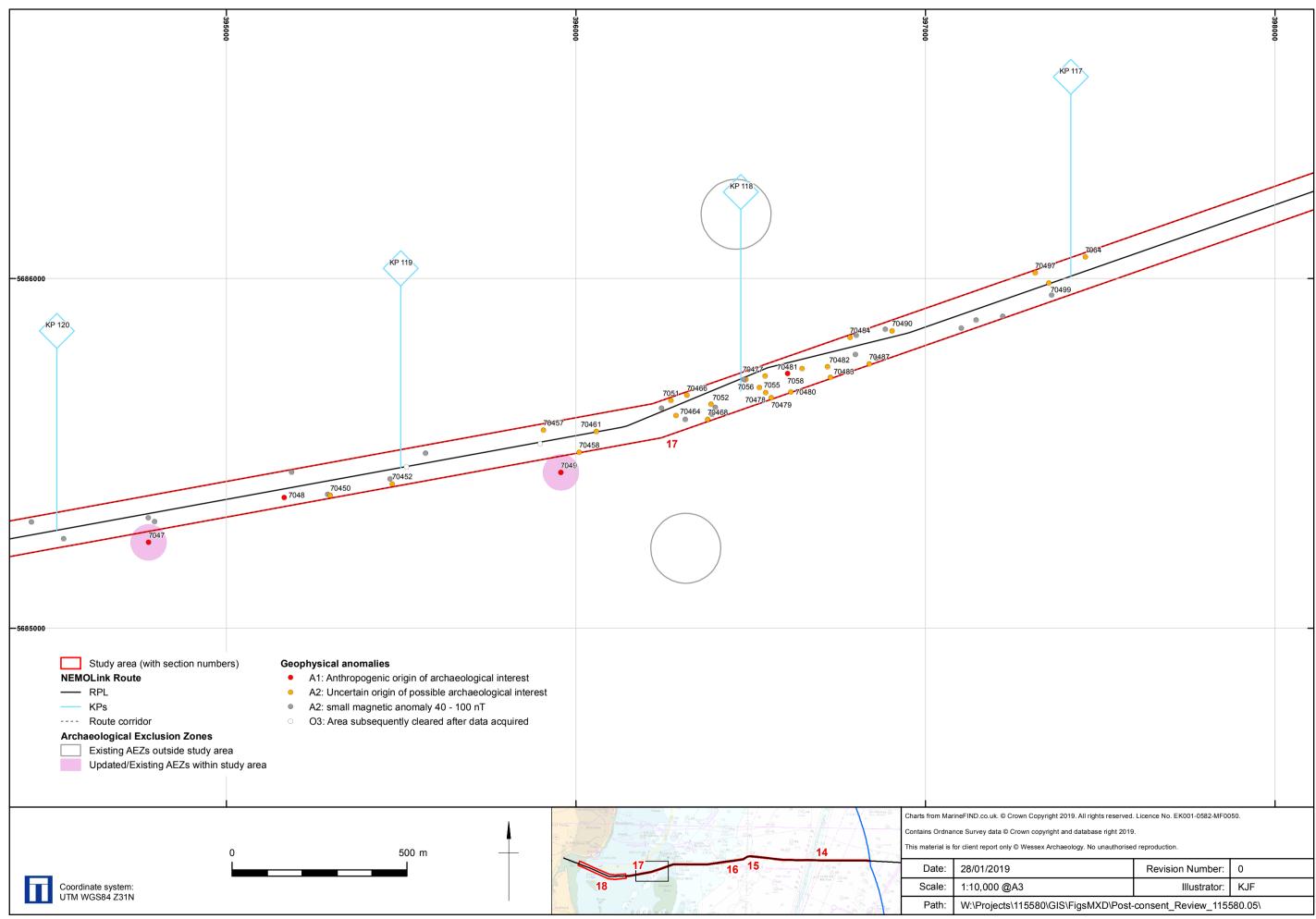
Wessex Archaeology 2017a NEMO Link: Archaeological Assessment of Geophysical Data (UK route corridor). Unpublished report reference 115580.04.

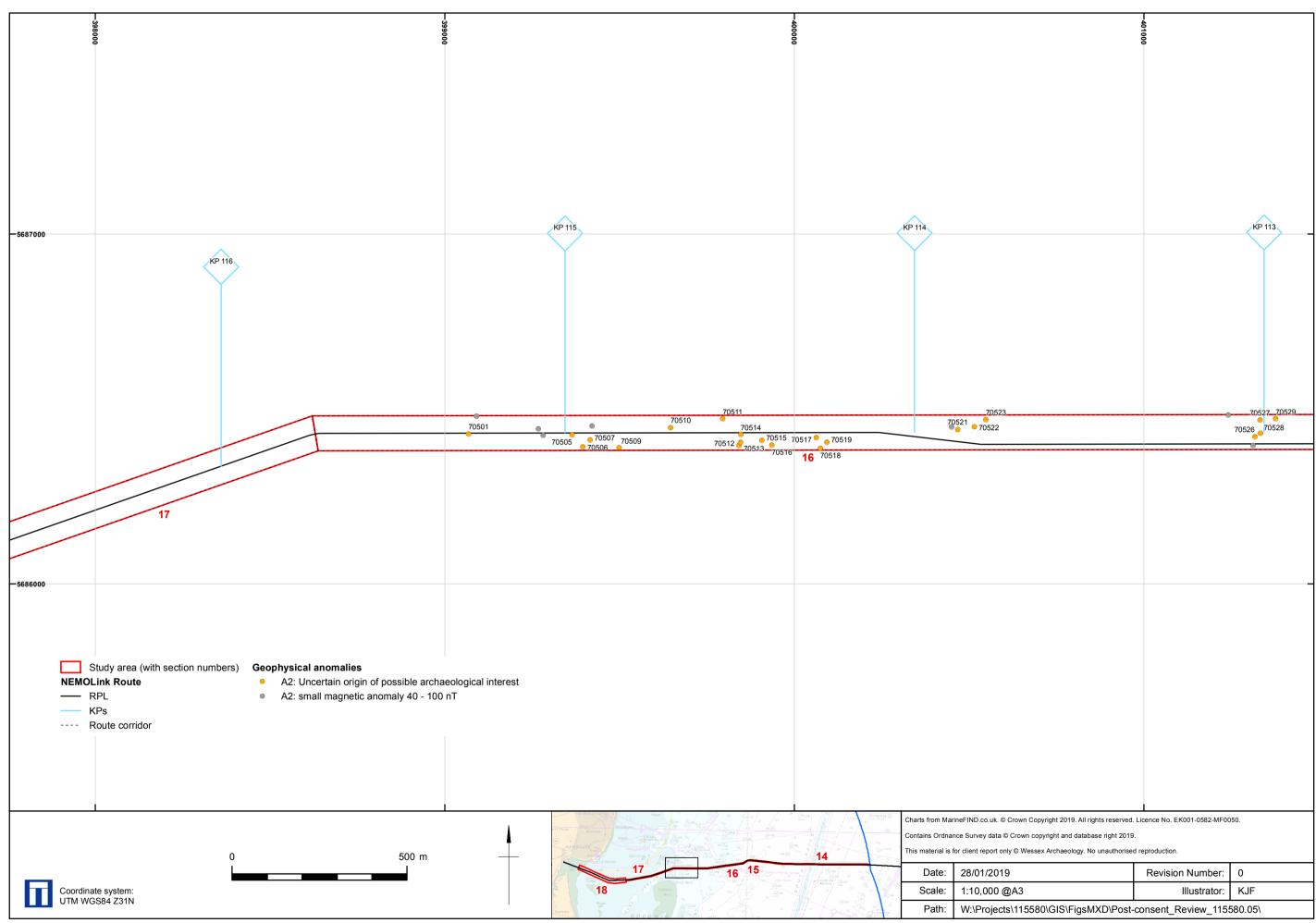
Wessex Archaeology 2017b Summary Record for the Discovery of MAG\_11081 / Anomaly 70050: Possible aircraft wing. Unpublished report, project ref.: 115580.

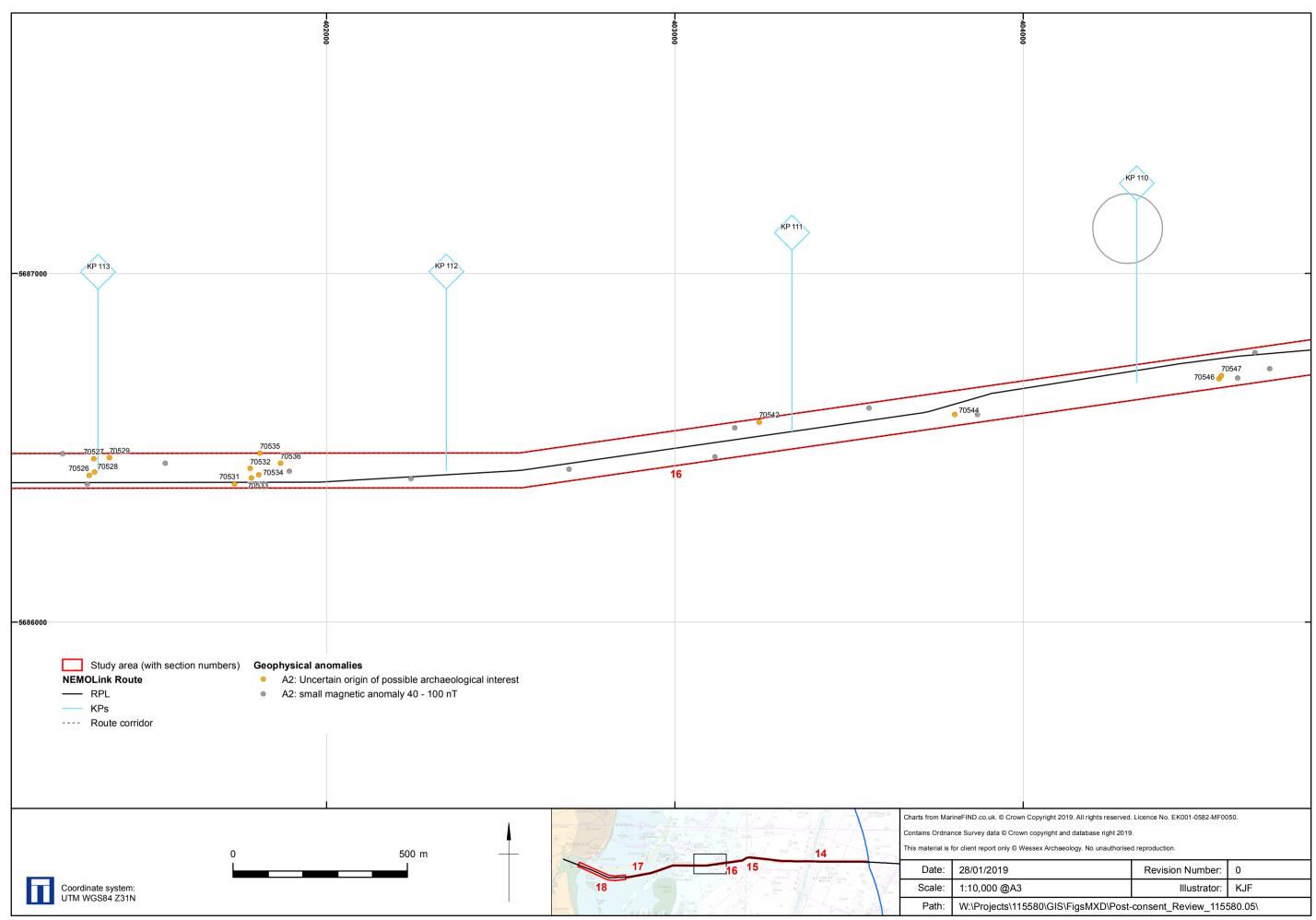


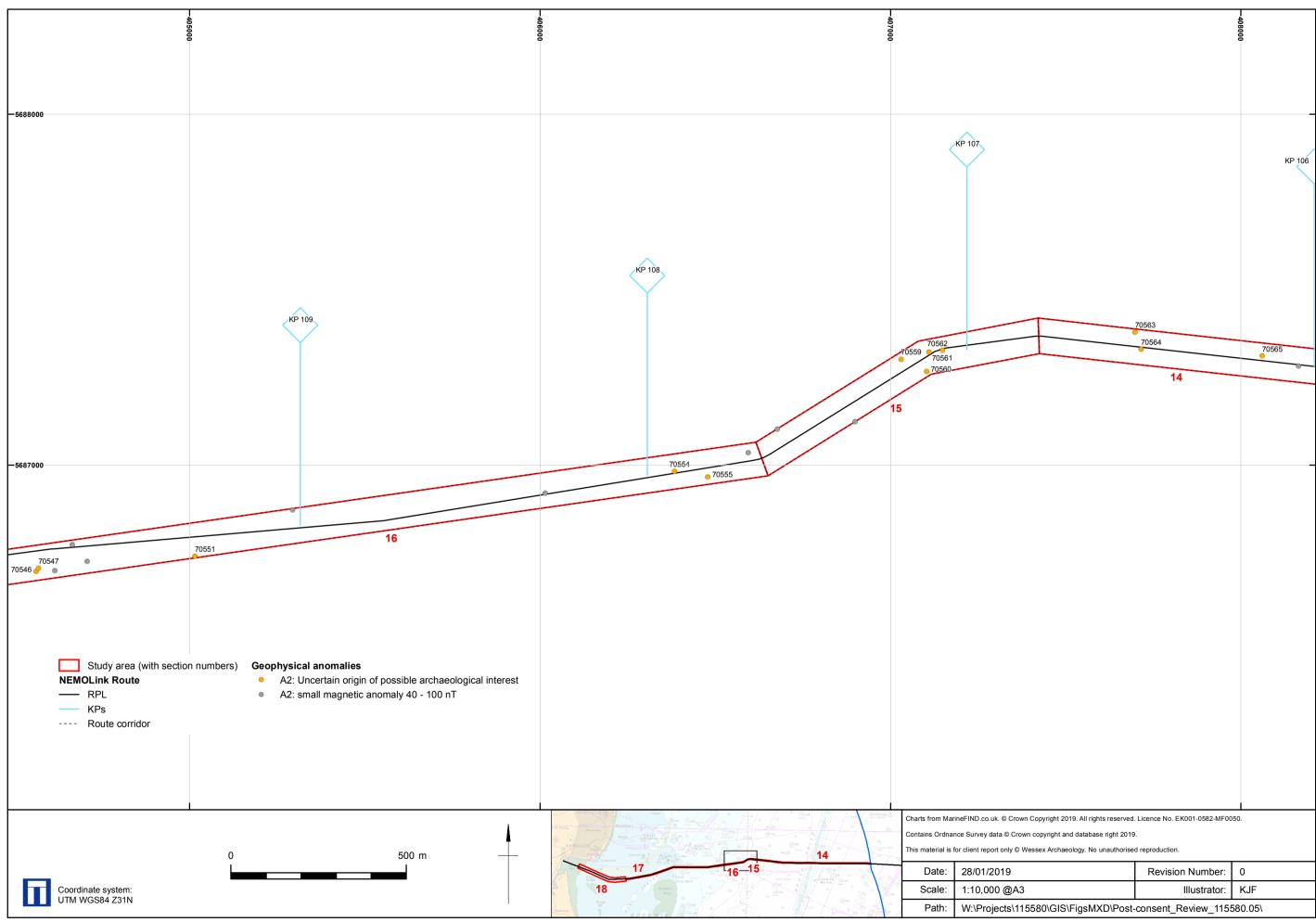


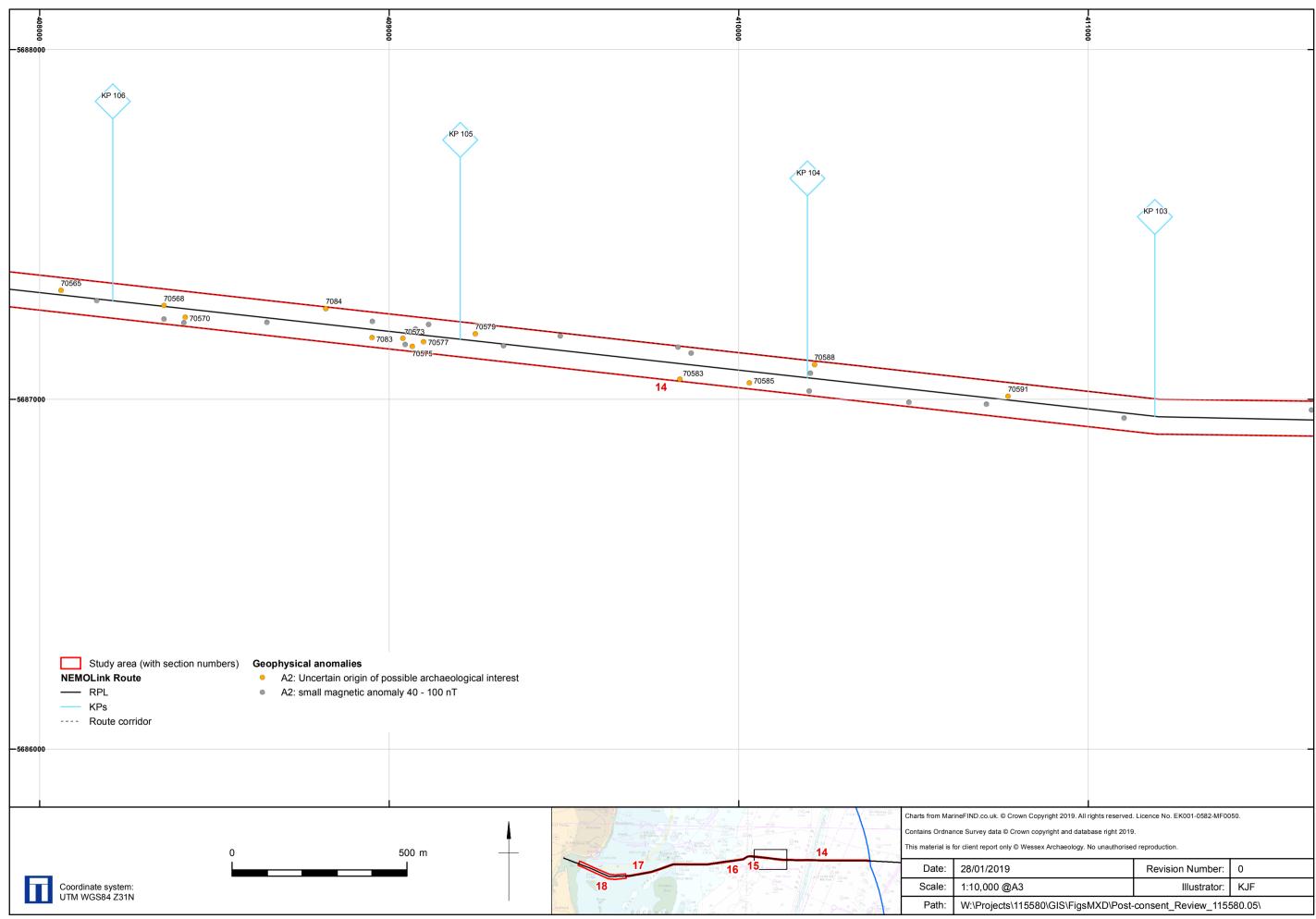


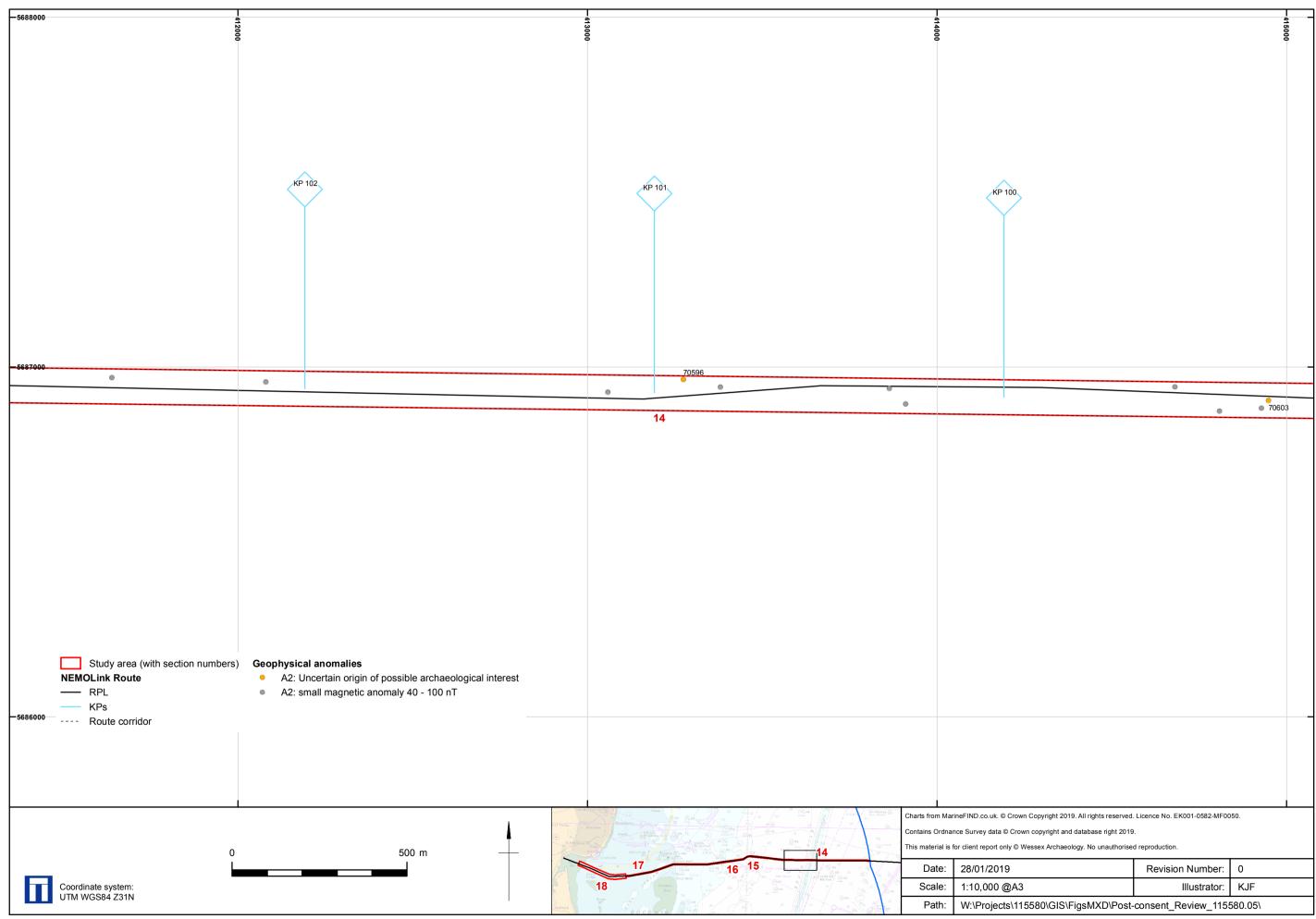


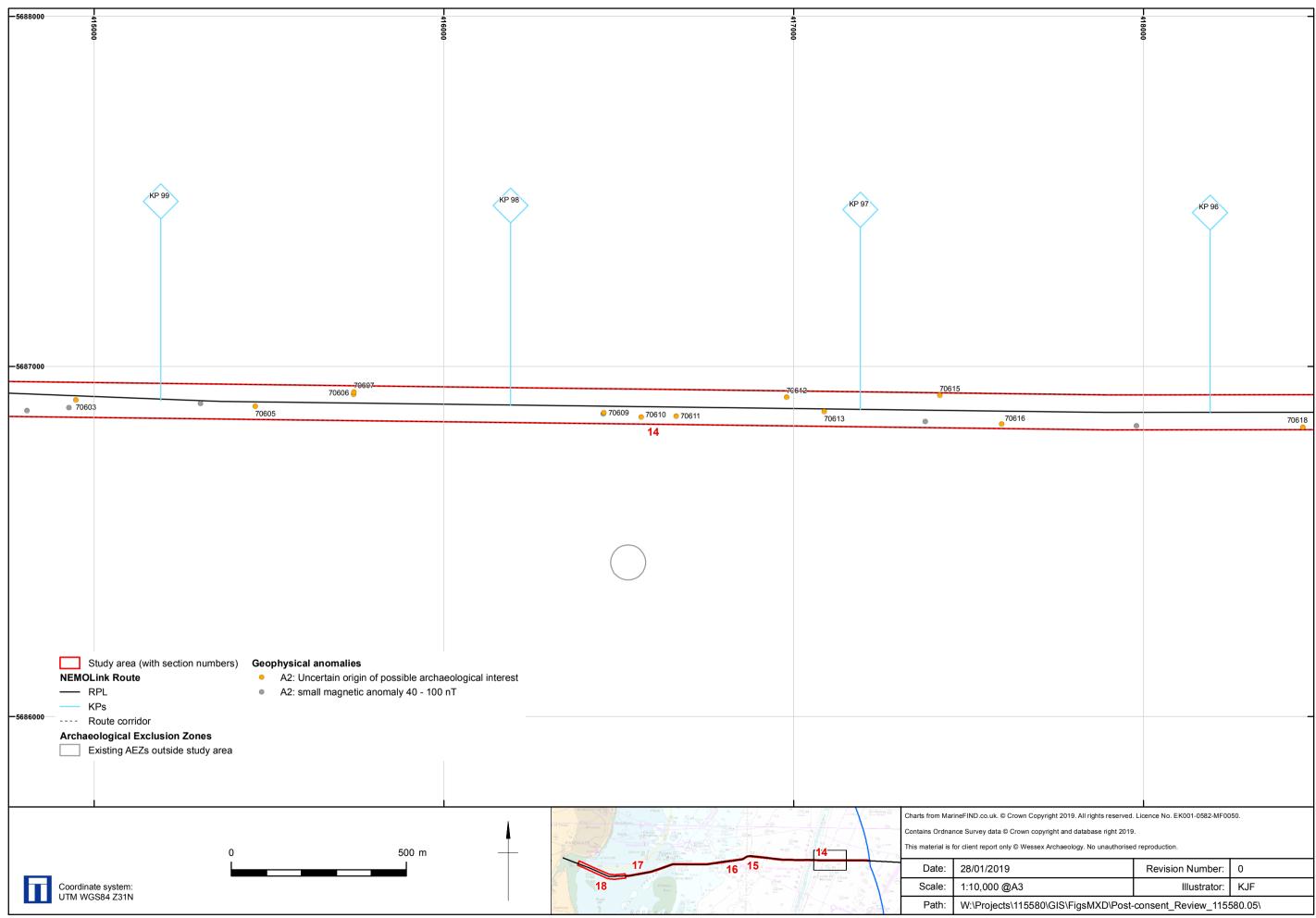


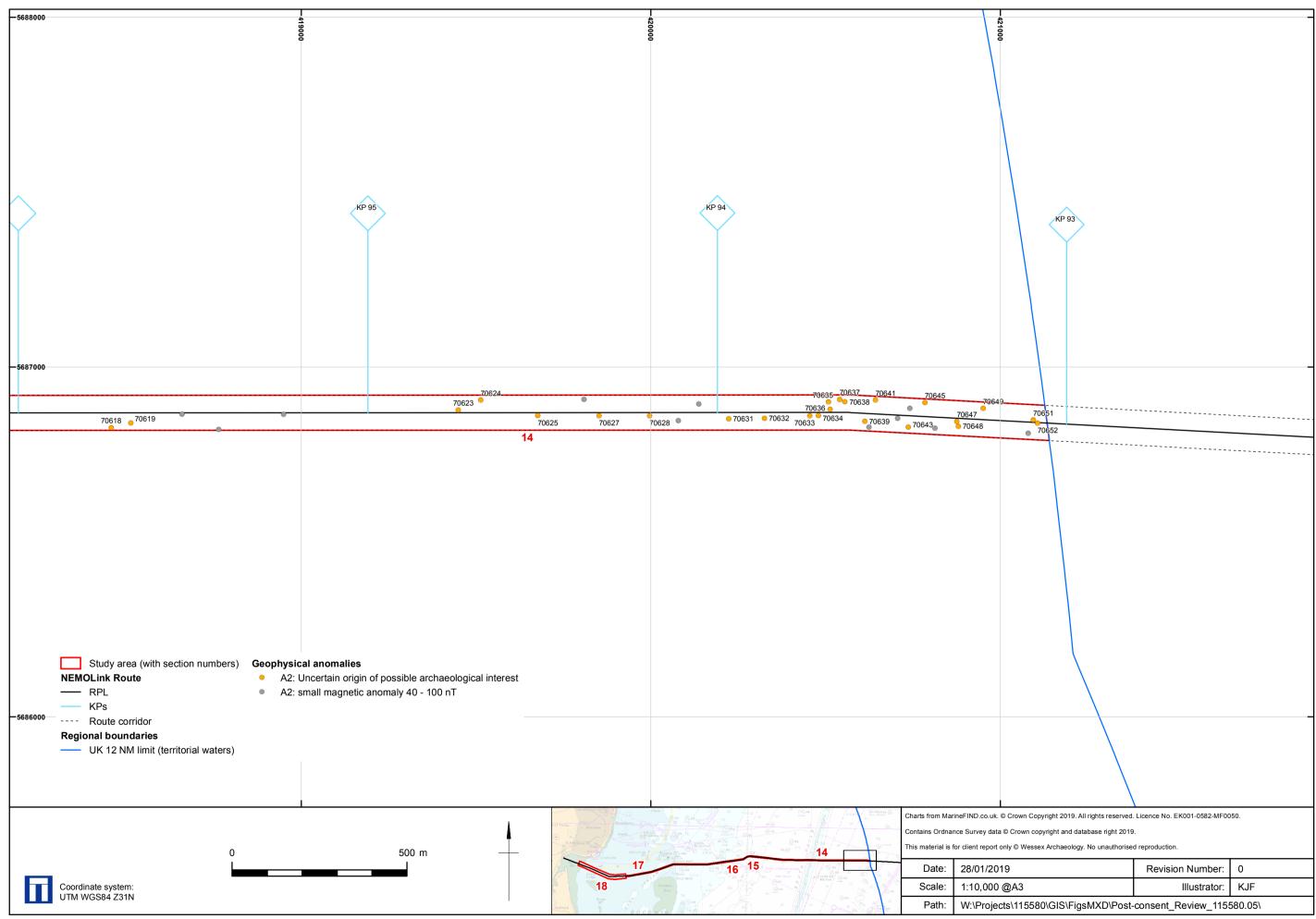












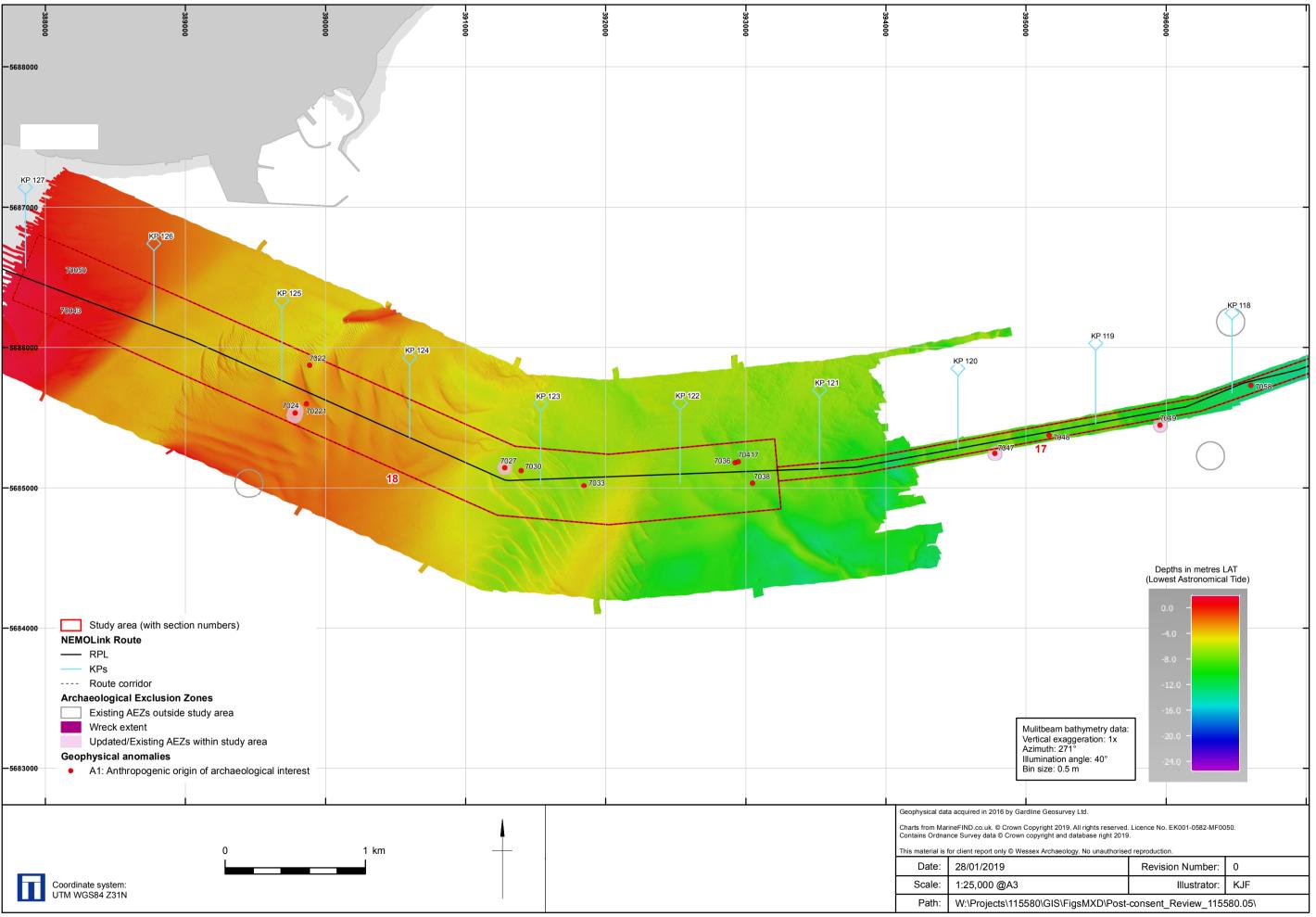




Plate 1: MAG\_3708 Iron stock anchor

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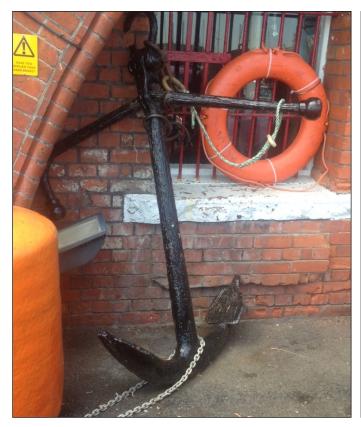




Plate 2: MAG\_6854 Iron anchor Admiralty Pattern type



Plate 3: MAG\_7618 Stockless anchor

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Plate 4: MAG\_11086 Jones & Lloyd's 'Lloyd's' patent stockless anchor

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Plate 5: MAG\_11081 Remains of an aircraft component (possibly the wing)





Plate 6: MAG\_4959 Rib from either the rudder, elevator, aileron, or tailplane of a multi-engine aircraft

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Plate 7: MAGX Longitudinal iron reinforcements used on the Thames sailing barges

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Plate 8: MAG\_6384 Wooden and metal debris

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Plate 9: MAG\_6382 Cannon identified as an English iron 3-pounder gun

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