



SOFIA **OFFSHORE** **WIND FARM**

ARCHAEOLOGICAL ASSESSMENT

**FOR OFTO UXO INVESTIGATIONS AND
CLEARANCE, AND POTENTIAL ARCHAEOLOGY
INVESTIGATIONS: CAMPAIGN 1**

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Summary

Wessex Archaeology was commissioned by RWE Renewables UK, under the subsidiary Sofia Offshore Wind Farm Limited (SOWFL), to undertake an archaeological assessment of ROV survey data gathered nearshore along the transmission assets (OFTO) ahead of construction of the proposed development.

The preferred mitigation is avoidance, and therefore only targets that could not readily be microsited around were assessed. Overall, the ROV assessed 26 targets, five of which were recommended as potential Archaeological (pARCH) targets, and the remaining being pUXO. These five pARCH targets were selected from the list of anomalies of possible archaeological potential classified during the archaeological assessment of geophysical survey data.

All 26 targets were archaeologically assessed. The 26 targets can be classified as:

- 🌀 1 target of possible archaeological interest, not found upon reinvestigation;
- 🌀 4 targets of modern material, of no archaeological interest;
- 🌀 20 natural features, of no archaeological interest;
- 🌀 5 targets of uncertain nature, open for further investigation;
- 🌀 2 targets where nothing was found.

During the survey 4 targets of modern material were relocated beyond the area of impact following confirmation they were not of archaeological significance by the Retained Archaeologist, and therefore are unlikely to be impacted. For the 5 targets of uncertain nature, it is recommended that these are reviewed if reinvestigated. All remaining targets were either natural or nothing found, for which no further work is recommended.

1. INTRODUCTION

- 1.1.1 Sofia Offshore Wind Farm (“SOWF”) was developed and consented by the Forewind Limited Consortium and previously known as Dogger Bank Teesside B (“Teesside B”). The Dogger Bank Teesside A and B Offshore Wind Farm Order 2015 (“the DCO”) was granted on 4 August 2015 and came into force on 26th August 2015. The Forewind Limited consortium disbanded and since August 2017, Innogy Renewables UK Limited, now RWE Renewables UK, has held 100% ownership of SOWF under a new subsidiary, Sofia Offshore Wind Farm Limited (“SOWFL”).
- 1.1.2 The SOWF site is located approximately 165 km offshore on the shallow central area of the North Sea known as the Dogger Bank with the export cable landfall in an area between Redcar and Marske-by-the-Sea.

1.2 PREVIOUS ARCHAEOLOGICAL WORK

- 1.2.1 Wessex Archaeology (SOWFL’s Retained Archaeologist) has previously carried out two assessments of geophysical survey data within the SOWF area (formerly Teesside B) as part of the Dogger Bank Round 3 Zone assessment, as well as an assessment of the archaeological baseline and potential impacts of the possible development for a chapter of the Environmental Statement (ES) for Dogger Bank Teesside A & B (Wessex Archaeology 2013; 2014; Forewind 2014).
- 1.2.2 Wessex Archaeology has also carried out archaeological assessments of geophysical data within preliminary search areas identified for the Sofia Offshore Converter Platform (OCP) area and the array layout perimeter area (Wessex Archaeology 2019a; 2019b; 2019c) on behalf of SOWFL in 2018 and 2019.
- 1.2.3 Wessex Archaeology has undertaken an archaeological assessment of updated geophysical and geotechnical data collected in 2020 for both the OFTO and non-OFTO assets (Wessex Archaeology 2020a; 2020b; 2020c; 2021c, Document references: 003797748-02, 003848720-02, 003815261-03 and 003820093-01). As a result of the assessments, an ROV investigation was undertaken in April 2021 on an identified geophysical anomaly (7266) at turbine location T15 located within the array area (Wessex Archaeology 2021f, Document reference: 003888927). The result of the investigation revealed the anomaly to be the wreck of an unidentified wooden ship built in the 19th or early 20th century (Wessex Archaeology 2021g, Document reference: 004002469).
- 1.2.4 The results of these previous assessments were reviewed and collated for the purposes of the updated WSI (Wessex Archaeology 2021a; 2021b, Document reference: 003034372-08) to inform all future archaeological advice and mitigation strategies going forward.

1.3 SCOPE OF DOCUMENT

- 1.3.1 This archaeological assessment has been undertaken as part of the Retained Archaeological Services and prepared in line with the approved Offshore Archaeological Written Scheme of Investigation (WSI) (Document reference: 003034372-08) and detailed in the related Method Statement (Wessex Archaeology 2021e, Document reference: 003552692-02) approved by the project Archaeological Curator (Historic England) prior to the commencement of works.

- 1.3.2 This archaeological assessment applies to the first campaign (Campaign 1), covering the transmission assets (OFTO). Campaign 1 includes the export cable route between mean high water springs (MHWS) and Kilometre Point (KP) 13 of the export cable corridor. A second UXO campaign will be undertaken in Spring/Summer 2022 along the remaining export cable route and array area. The pARCH targets for the second campaign have not yet been discussed and agreed with Historic England.
- 1.3.3 In addition to investigating UXO, potential archaeology (pARCH) were also investigated in line with the commitment in Paragraph 5.6.28 of the WSI to “*maximise the potential benefits of any proposed ROV surveys undertaken primarily for engineering, ecological or other non-archaeological purposes, archaeological input at the planning stage of any such works will be sought and so that archaeological considerations can be taken into account, with an ambition of assessing 10% of all archaeological contacts, including those where impacts are likely and a proportion of those considered to be of low potential.*”
- 1.3.4 In summary, the overall aim of the assessment is to mitigate the effects of the proposed development upon potential archaeological features identified within SOWF site.
- 1.3.5 The objectives were as follows:
- ✦ To detail the scope of works for the archaeological assessment as part of the visual inspection survey of pUXO targets;
 - ✦ To identify anomalies of pARCH interest from the UXO survey data; and
 - ✦ To fulfil mitigation requirements as set out in the archaeological WSI.

COORDINATE SYSTEM

- 1.3.6 Positions are presented in Universal Transverse Mercator (UTM) Zone 31 North projected from a World Geodetic System (WGS) 1984 datum.

2. METHODOLOGY

2.1 ROV SURVEY

- 2.1.1 The ROV survey was undertaken by James Fisher Renewables between 17 September 2021 and 15 October 2021. The survey was undertaken onboard the vessel *Voe Vanguard*.
- 2.1.2 Based on the results of the UXO geophysical survey, targets were classified as ‘potential UXO’ or ‘non-potential UXO’, and targets that required further investigation by ROV were selected. Overall, 148 targets were considered (see Appendix A in Method Statement: Document reference: 003552692-02), some of which corresponded with the geophysical anomalies of potential archaeological interest. As the mitigation measures in the WSI recommended avoidance, the priority was to microsite around targets that could be readily avoided.
- 2.1.3 Only targets that were at risk of impact were assessed by ROV, and a total of 39 targets were considered (**Appendix A**). Of these 39 targets only 26 were assessed, as these were located within +/- 22 m of the cable line (**Appendix B**). Anomalies on the seabed were assessed *in situ*, while buried anomalies were investigated using an ROV-mounted dredge pump/airlift to remove sediment so that the target could be visually inspected. Anomalies were inspected visually with the ROV camera and sonar imaging. Due to limitations of the Seabed Survey Licence granted by The Crown Estate, only targets between nearshore and KP10 could be investigated using the ROV-mounted dredge, and targets between KP10 and KP13 were only visually investigated with the ROV camera and sonar imaging.
- 2.1.4 Video data were logged and processed, and Target Investigation Reports (TIRs) were completed, including video stills and description of objects.
- 2.1.5 During the survey, some objects (four) were moved in order to clear the area for UXO ALARP, or to move them beyond the impact area of the proposed cable route. The as-found and as-left locations for material were both recorded. None of these objects were archaeologically significant.
- 2.1.6 Prior to work being undertaken, vessel staff undertook Archaeological Protocol Awareness Training via toolbox talks to ensure that they were able to identify and report discoveries of archaeological potential to the Retained Archaeologist. This way, any discoveries of potential archaeological interest could be identified and flagged up as soon as possible, and the appropriate mitigation could be recommended at the earliest stage.

2.2 ARCHAEOLOGICAL ASSESSMENT OF ROV DATA

- 2.2.1 The UXO ROV survey investigated targets defined as potential UXO along the proposed cable route to KP13. Summary data in the form of TIRs was reviewed by a suitably qualified archaeologist and if required, recommendations for further investigation were made.
- 2.2.2 The data were assessed for the presence or absence of objects of potential anthropogenic origin and of potential archaeological interest. The form, size and/or extents of objects were used as initial guides as to their potential. A single small but prominent object could be part of a more extensive feature that is largely buried, and similarly, a scatter of small objects could define the edges of a buried but intact feature, or be all that remains of past impacts, for example from dredging or fishing.

- 2.2.3 The archaeological assessment of ROV data commenced with a review of the TIRs (for description, measurements, video stills and other information) for all targets. For targets of potential archaeological interest, or where video stills were either unclear or unavailable, video data was requested and reviewed.
- 2.2.4 The assessment was captured in a project spreadsheet, with detailed information about the ID, location, description, and archaeological assessment and recommendations
- 2.2.5 For each target, the anomaly was identified, where possible, and assessed with regard to the following categories:
- ✦ A – Archaeological interest;
 - ✦ P – Possible archaeological interest;
 - ✦ M – Modern / non-archaeological;
 - ✦ N – Natural;
 - ✦ U - Uncertain
- 2.2.6 Each target was also assessed for archaeological value. A value rating from none to high was assigned to each identified anomaly based upon professional judgement and in accordance with the definitions below.

Table 2-1 Definitions of Archaeological value

VALUE	DEFINITION
H - High	Above average example and/or high potential to contribute to knowledge and understanding and/or outreach. Receptors with a demonstrable international or national dimension to their value are likely to fall within this category.
M - Medium	Average example and/or moderate potential to contribute to knowledge and understanding and/or outreach.
L - Low	Below average example and/or low potential to contribute to knowledge and understanding and/or outreach.
N - None	Anomaly identified as being non-archaeological.
U - Uncertain	Insufficient data to assess archaeological value.

- 2.2.7 A confidence rating from low to high was also assigned to each anomaly based upon the quality of the data provided and professional judgement. The confidence rating takes into account both the quality of the images and the nature of the description provided by the UXO survey contractor or other survey vessel and was draw upon professional judgement in assessing the certainty of the interpretation.
- 2.2.8 The results of the assessment are presented in a gazetteer in **Appendix C** and are illustrated in **Figure 1**. The locations in **Appendix C** include the ‘expected’ location and ‘as moved’ location, to illustrate the final location of the objects.

3. RESULTS

3.1 INTRODUCTION

3.1.1 A total of 26 targets were assessed during Campaign 1 (**Appendix B**) within the nearshore from MHWS up to KP13 during the ROV survey. Five of these targets were recommended in the nearshore area for investigation as pARCH features (**Table 3-1**).

Table 3-1 pARCH target list for Campaign 1

WESSEX ID	EASTING	NORTHING	DESCRIPTION	SECTION
7374	240783	6058230	A large, sharp magnetic dipole with peak and trough on one survey line. No associated SSS or MBES contacts. Possible ferrous debris, either buried or without surface expression.	Nearshore
7408	241648	6058396	A large, sharp magnetic dipole with peak and trough on one survey line. No associated SSS or MBES contacts. Located close to a linear tend, possibly representing an old cable, but may not be associated with it. Possible ferrous debris, either buried or without surface expression	Nearshore
7341	249754	6058329	A large, distinct magnetic dipole with peak and trough on one survey line. No definitely associated SSS or MBES contacts, but a small mound identified in the MBES data close to this location. Possible ferrous debris without surface expression; burial unlikely at this location due to rock outcrop. Located approximately 160m south from wreck 70657 and may be related, but this is uncertain.	Block A
7353	251823	6058832	A large, complex magnetic dipole with peak and trough on one survey line. No associated SSS or MBES contacts. Possible ferrous debris without surface expression. Burial unlikely at this location due to rock outcrop.	Block A
7361	249553	6058436	A large positive magnetic monopole identified with peak and trough on one survey line. No associated SSS or MBES contacts. Possible ferrous debris without surface expression. Burial unlikely at this location due to rock outcrop. Potentially debris associated with wreck 70657, although this is located approximately 210m to the ENE so this is uncertain.	Block A

3.1.2 **Appendix C** comprises 32 targets. **Figure 1** illustrates the ‘as found’ location of the targets encountered, however locations where nothing was found are illustrated by their ‘expected location’.

3.1.3 Due to the nature of the material encountered at each target, some target IDs are discussed in more than one section, for example if one comprised a natural feature and modern material, it would be reviewed in both the **Natural** and **Modern** sections below.

POSSIBLE ARCHAEOLOGICAL INTEREST

3.1.4 One target (ECR_FABM_SSS_081201B) was initially identified as of possible archaeological interest (see **Appendix C**). This consisted of a small object measuring 120 mm x 40 mm with two circular holes and smoothed edges. Upon reinvestigation the object could not be located. The item was identified as being modern, possibly a lead (fishing) weight and of no archaeological value. This target was reported via the Protocol (Report Ref.: SOWF_081201B).

MODERN / NON-ARCHAEOLOGICAL

3.1.5 There were four targets classified as primarily modern material, but more detail can be found in **Appendix C**.

Table 3-2 Modern material

TARGET ID
WP6-SSS_00314
ECR_FABM_SSS_003098B
7374
7408

3.1.6 The modern material has been assessed as being of no archaeological value. No further work is recommended.

NATURAL

3.1.7 There were 20 targets identified as natural. The boulders came in a number of sizes, more detail can be found in **Appendix C**. These were all left *in situ*.

Table 3-3 Natural features

TARGET ID
ECR_FABM_SSS_001844
ECR_FABM_SSS_061991
ECR_FABM_SSS_057588

TARGET ID
ECR_FABM_SSS_056442A
ECR_FABM_SSS_056422B
ECR_FABM_SSS_057163A
ECR_FABM_SSS_057163B
ECR_FABM_SSS_055327
ECR_FABM_SSS_082039
ECR_FABM_SSS_081201A
ECR_FABM_SSS_081280
ECR_FABM_SSS_003098A
ECR_FABM_SSS_045123
ECR_FABM_SSS_054307
ECR_FABM_SSS_042760A
ECR_FABM_SSS_044377
ECR_FABM_SSS_043655
ECR_FABM_SSS_044807A
ECR_FABM_SSS_044807B
ECR_FABM_SSS_037622

3.1.8 The natural features are of no archaeological interest, and no further work is recommended.

UNCERTAIN

3.1.9 There were five targets which remain open for further investigation.

Table 3-4 Uncertain

TARGET ID
ECR_FABM_SSS_042760B
A_MAG_01109
7353
7361
7341

3.1.10 It is recommended that these five targets are considered for review and reinvestigation if they their locations subsequently interact with the construction footprint and zone of physical impacts.

TARGETS WHERE NOTHING WAS FOUND

3.1.11 There were two targets where nothing was found. No further work is recommended at these targets.

Table 3-5 Targets where nothing was found

TARGET ID
WP6_MAG_00224
ECR_FABM_SSS_006623

3.2 CONCLUSION

SUMMARY

3.2.1 The archaeological assessment of ROV survey data assessed all 26 targets investigated during Campaign 1. These consisted of:

- ☞ One target reported via the PAD (ECR_FABM_SSS_081201B);
- ☞ Modern material, including a clump weight, a metal pipe/pole, fishing gear and an electrical conduit terminal. Relocated outside of impact area;
- ☞ Twenty natural features, consisting of boulders, left *in situ*;
- ☞ Five targets of uncertain nature, open for potential further investigation;

 Two targets not found.

REPORTING TO THE RECEIVER OF WRECK

- 3.2.2 The *Merchant Shipping Act 1995* Part IX Salvage and Wreck states that ‘*if any person finds or takes possession of any wreck in the United Kingdom waters [...] he shall – if he is not the owner of it, give notice to the receiver that he had found or taken possession of it and, as directed by the receiver, either hold it to the receiver’s order or deliver it to the receiver.*’
- 3.2.3 Therefore, the Receiver of Wreck has been provided with a spreadsheet including the ‘expected location’, the ‘as found’ coordinates, and the ‘as moved’ locations of all Modern/Possible finds, along with detailed descriptions of the finds and thumbnail images (similar to Appendix C).

FURTHER RECOMMENDATIONS

- 3.2.4 It is recommended by the Retained Archaeologist that any site preparation work and cable laying contractors are made aware of the Protocol for Archaeological Discoveries, should any unexpected material be encountered during further works. SOWFL’s offshore contractors are contractually bound to adhere to the requirements of the WSI and any future Archaeological Method Statements.

4. REFERENCES

- Forewind 2014 *Dogger Bank Teesside A & B: Environmental Statement Chapter 18 Marine and Coastal Archaeology*. Report prepared by Wessex Archaeology.
- Innogy 2020 *Sofia Offshore Wind Farm: Offshore Archaeological Written Scheme of Investigation*. Document number 003034372-06. Report prepared by Wessex Archaeology, Wessex Archaeology Ref. 211050.03
- Wessex Archaeology 2013 *Chapter 18: Dogger Bank Tranche A (Creyke Beck) Environmental Impact Assessment, Archaeology and Cultural History Technical Report*. Salisbury, unpubl report, ref: 78040.05
- Wessex Archaeology 2014 *Dogger Bank Teesside A & B Marine and Coastal Archaeology, Environmental Impact Assessment, Archaeology and Cultural History Technical Report*. Salisbury, unpubl report, ref: 78041.04
- Wessex Archaeology 2019a *Sofia Offshore Wind Farm (OCP Area) - Archaeological assessment of geophysical data*. Salisbury, unpubl report, ref: 211050.01
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- Wessex Archaeology 2019c *Sofia Offshore Wind Farm (Updated OCP Area) - Archaeological assessment of geophysical data*. Salisbury, unpubl report, ref: 211050.04
- Wessex Archaeology 2020a *Sofia OWF – Archaeological Assessment of Geophysical Data, Interim Statement for OFTO*. Salisbury. unpubl interim statement, ref DW/211054/22.05.20
- Wessex Archaeology 2020b *Sofia OWF – Archaeological Assessment of Geophysical Data, Interim Statement for OCP*. Salisbury. unpubl interim statement, ref. DW/211053/18.06.20
- Wessex Archaeology 2020c *Sofia Offshore Wind Farm – OFTO: Stage 1 & 2 geoarchaeological assessment of geotechnical data*. Salisbury, unpubl report, ref: 211054.02. Document ref. 003797748
- Wessex Archaeology 2021a *Sofia Offshore Wind Farm Marine Archaeological Technical Report; OFTO*. Salisbury, unpubl report, ref: 211051.01. Document ref. 003815261
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- Wessex Archaeology 2021d *Sofia Offshore Wind Farm - Pre-Construction Plans and Documentation: Offshore Archaeological Written Scheme of Investigation*. Salisbury, unpubl report ref: 211050.03. Document ref. 003034372-07

Wessex Archaeology 2021e *Sofia Offshore Wind Farm – Archaeological Method Statement: For OFTO and Non-OFTO UXO Investigations and Clearance, and Potential Archaeology Investigations*. Salisbury, unpubl report ref: 211050.04. Document ref. 003552692

Wessex Archaeology 2021f *Sofia Offshore Wind Farm – Archaeological Method Statement: Investigation of Anomaly 7266 at Turbine Location T15*. Salisbury, unpubl report ref: 211051.05. Document ref. 003888927

Wessex Archaeology 2021g *Sofia Offshore Wind Farm – Archaeological Report: Investigation of Anomaly 7266 at Turbine Location T15*. Salisbury, unpubl report ref: 211051.06. Document ref. 004002469

APPENDIX A. UXO TARGET LIST FOR OFTO

TARGET_ID	EASTING	NORTHING	OTHER_ID
ECR_FABM_SSS_006623	251326.1548	6058645.111	N/A
ECR_FABM_SSS_001844	246950.51	6058071.78	N/A
A_MAG_01109	251317	6058592	7349
ECR_FABM_SSS_037622	252297.3844	6058929.113	N/A
ECR_FABM_SSS_043655	252033.2438	6058815.209	7354
ECR_FABM_SSS_061991	247212.98	6058060.83	N/A
ECR_FABM_SSS_045123	249098.0156	6058385.721	N/A
ECR_FABM_SSS_042760	250259.6765	6058385.31	N/A
ECR_FABM_SSS_003478	250533.562	6058344.553	N/A
A_MAG_01062	250482	6058386	7362
ECR_FABM_SSS_043957	249810.1601	6058386.587	N/A
ECR_FABM_SSS_037635	252226.4455	6058913.088	N/A
ECR_FABM_SSS_038823	249418.1873	6058389.532	N/A
ECR_FABM_SSS_038745	252160.7871	6058898.66	N/A
ECR_FABM_SSS_045062	252363.8143	6058894.169	N/A
ECR_FABM_SSS_006349	247494.34	6058110.92	N/A
ECR_FABM_SSS_066233	246612.11	6057987.73	N/A
ECR_FABM_SSS_002839	248576.6413	6058389.878	N/A
ECR_FABM_SSS_063494	247128.05	6058034.7	N/A
ECR_FABM_SSS_077957	248632.0231	6058395.148	N/A
ECR_FABM_SSS_079362	248353.64	6058349.81	N/A


TARGET_ID	EASTING	NORTHING	OTHER_ID
ECR_FABM_SSS_038668	249403.2001	6058398.307	N/A
ECR_FABM_SSS_059661	247622.84	6058128.5	N/A
ECR_FABM_SSS_057541	244213.13	6058182.16	N/A
ECR_FABM_SSS_057543	244207.06	6058180.84	N/A
ECR_FABM_SSS_080622	249113.3788	6058318.462	N/A
WP6_MAG_00224	240964	6058506	N/A
WP6_SSS_00314	241228.1	6058436.6	N/A
ECR_FABM_SSS_055327	247893.12	6058230.54	N/A
ECR_FABM_SSS_056442	247729.99	6058176.8	N/A
ECR_FABM_SSS_057163	247745.7	6058183.9	N/A
ECR_FABM_SSS_057588	247644.51	6058177.05	N/A
ECR_FABM_SSS_081201	248015.2	6058245.51	N/A
ECR_FABM_SSS_081280	248029.53	6058242.59	N/A
ECR_FABM_SSS_082039	247934.91	6058242	N/A
ECR_FABM_SSS_003098	248661.1516	6058351.917	N/A
ECR_FABM_SSS_044377	251403.7271	6058635.28	N/A
ECR_FABM_SSS_044807	252259.3075	6058877.175	N/A
ECR_FABM_SSS_054307	249996.1402	6058343.351	N/A



APPENDIX B. ASSESSED TARGETS

TARGET_ID	EASTING	NORTHING	OTHER_ID
WP6_MAG_00224	240964	6058506	N/A
WP6-SSS_00314	241228.1	6058436.6	N/A
ECR_FABM_SSS_001844	246950.51	6058071.78	N/A
ECR_FABM_SSS_061991	247212.98	6058060.83	N/A
ECR_FABM_SSS_057588	247644.51	6058177.05	N/A
ECR_FABM_SSS_056442A/B	247729.99	6058176.8	N/A
ECR_FABM_SSS_057163A/B	247745.7	6058183.9	N/A
ECR_FABM_SSS_055327	247893.12	6058230.54	N/A
ECR_FABM_SSS_082039	247934.91	6058242	N/A
ECR_FABM_SSS_081201A/B	248015.2	6058245.51	N/A
ECR_FABM_SSS_081280	248029.53	6058242.59	N/A
ECR_FABM_SSS_003098A/B	248661.1516	6058351.917	N/A
ECR_FABM_SSS_045123	249098.0156	6058385.721	N/A
ECR_FABM_SSS_054307	249996.1402	6058343.351	N/A
ECR_FABM_SSS_042760A/B	250259.6765	6058385.31	N/A
A_MAG_01109	251317	6058592	7349
ECR_FABM_SSS_006623	251326.1548	6058645.111	N/A
ECR_FABM_SSS_044377	251403.7271	6058635.28	N/A
7353	251823	6058832	7353 (pARCH)
ECR_FABM_SSS_043655	252033.2438	6058815.209	7354
ECR_FABM_SSS_044807A/B	252259.3075	6058877.175	N/A
7374	240783	6058230	7374 (pARCH)




TARGET_ID	EASTING	NORTHING	OTHER_ID
7408	241648	6058396	7408 (pARCH)
ECR_FABM_SSS_037622	252297.3844	6058929.113	N/A
7361	249553	6058436	7361 (pARCH)
7341	249754	6058329	7341 (pARCH)

APPENDIX C. GAZETTEER BASED ON ARCHAEOLOGICAL ASSESSMENT OF UXO SURVEY

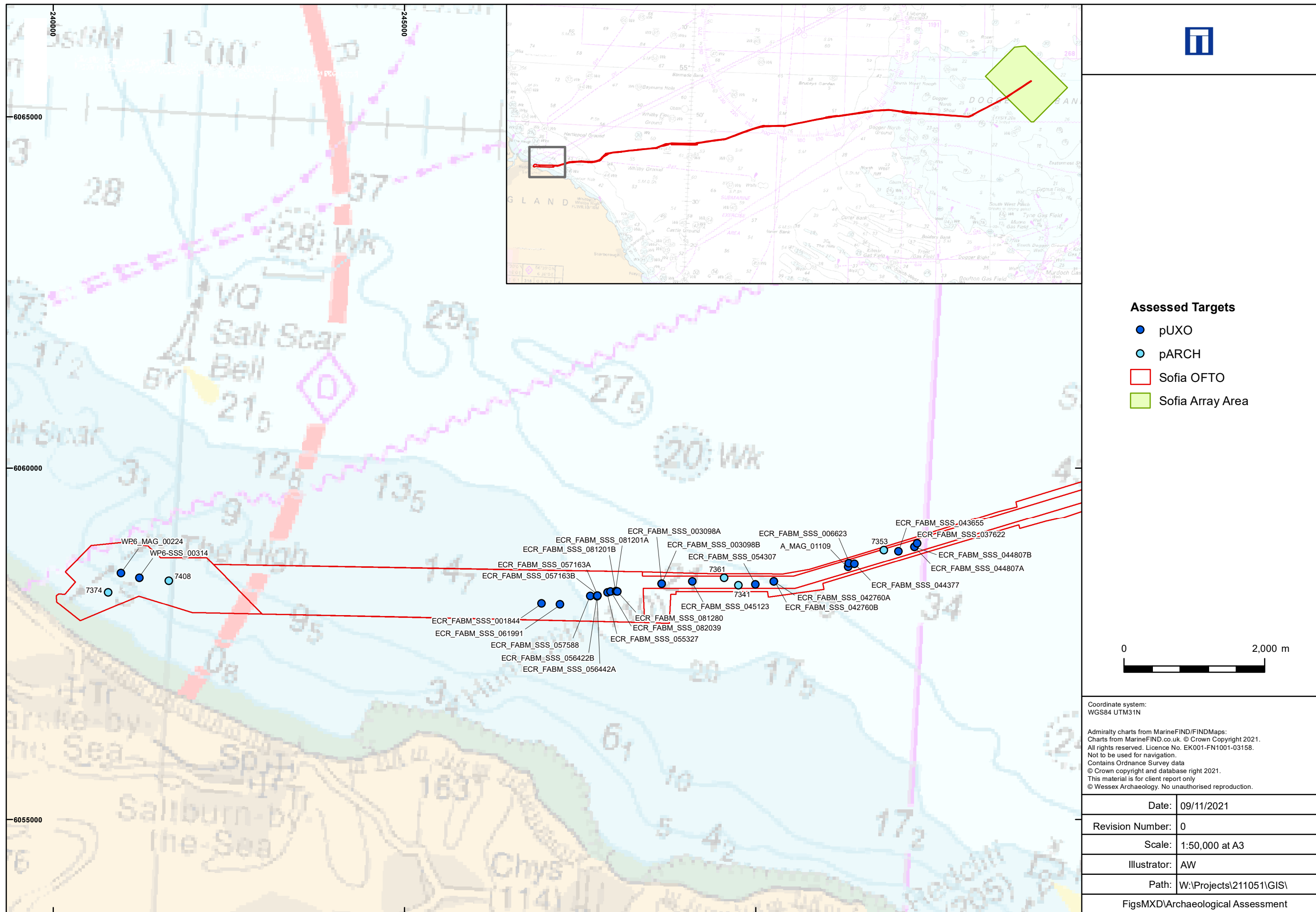
TARGET ID	WA ID	EASTING	NORTHING	DESCRIPTION	REPORT	ACTION	IMAGE
WP6_MAG_002 24		240964	6058506	Nothing found	Nothing found	No action	
WP6- SSS_00314		241228.1	6058436.6	Electrical metal conduit terminal 1500 mm x 20 mm x 20 mm. Modern. Moved north from its as-found location.	Modern	No action	
ECR_FABM_SS S_001844		246950.51	6058071.78	Boulder	Natural	No action	
ECR_FABM_SS S_061991		247212.98	6058060.83	Boulder	Natural	No action	
ECR_FABM_SS S_057588		247644.51	6058177.05	Boulder	Natural	No action	
ECR_FABM_SS S_056442A		247741.7	6058176.4	Small boulder	Natural	No action	
ECR_FABM_SS S_056422B		247741.7	6058178.4	Boulder	Natural	No action	
ECR_FABM_SS S_057163A		247745.7	6058183.9	Two boulders	Natural	No action	

TARGET ID	WA ID	EASTING	NORTHING	DESCRIPTION	REPORT	ACTION	IMAGE
ECR_FABM_SS S_057163B		247745.7	6058183.9	Boulder and small ferrous debris	Natural	No action	
ECR_FABM_SS S_055327		247893.12	6058230.54	Small boulder	Natural	No action	
ECR_FABM_SS S_082039		247934.91	6058242	Small boulder	Natural	No action	
ECR_FABM_SS S_081201A		248015.2	6058245.51	Boulder	Natural	No action	
ECR_FABM_SS S_081201B		248015.2	6058245.51	Boulder. Also a small object 120 mm x 40 mm with two circular holes and smoothed edges. Modern debris not found upon reinvestigation.	Modern/Possible	Reported via PAD	
ECR_FABM_SS S_081280		248029.53	6058242.59	Boulder	Natural	No action	
ECR_FABM_SS S_003098A		248661.1516	6058351.917	Boulder	Natural	No action	

TARGET ID	WA ID	EASTING	NORTHING	DESCRIPTION	REPORT	ACTION	IMAGE
ECR_FABM_SS S_003098B		248661.1516	6058351.917	Boulders. Also a metal pipe/pole 1000 mm x 500 mm diameter. Modern debris. Moved 20 m NNE from its as-found location.	Modern	No action	
ECR_FABM_SS S_045123		249098.0156	6058385.721	Cluster of boulders	Natural	No action	
ECR_FABM_SS S_054307		249996.1402	6058343.351	Boulder	Natural	No action	
ECR_FABM_SS S_042760A		250259.6765	6058385.31	Boulder	Natural	No action	
ECR_FABM_SS S_042760B		250259.6765	6058385.31	Target remains open for further investigation.	Uncertain	Review if reinvestigated	
A_MAG_01109	7349	251317	6058592	No surface expression.	Uncertain	Review if reinvestigated	
ECR_FABM_SS S_006623		251326.1548	6058645.111	Nothing found	Nothing found	No action	
ECR_FABM_SS S_044377		251403.7271	6058635.28	Boulder	Natural	No action	
(pARCH)	7353	251823	6058832	Target remains open for further investigation.	Uncertain	Review if reinvestigated	
ECR_FABM_SS S_043655		252033.2438	6058815.209	Boulders	Natural	No action	

TARGET ID	WA ID	EASTING	NORTHING	DESCRIPTION	REPORT	ACTION	IMAGE
ECR_FABM_SS S_044807A		252259.3075	6058877.175	Boulder	Natural	No action	
ECR_FABM_SS S_044807B	N/A	252259.3075	6058877.175	Boulder and ferrous debris	Natural	No action	
(pARCH)	7374	240783	6058230	Lifting strop 750 mm x 250 mm, angle iron 300 mm x 100 m, rope 1100 mm long, chain 2000 mm long, two strips of metal approximately 500 mm and green netting. Modern, possible fishing gear. Moved from its as-found location.	Modern	No action	 
(pARCH)	7408	241648	6058396	Cylindrical object 900 mm x 400 m x 970 mm diameter. Concrete clump weight with D ring in the top centre. Modern. Moved due south of its as-found location.	Modern	No action	

TARGET ID	WA ID	EASTING	NORTHING	DESCRIPTION	REPORT	ACTION	IMAGE
ECR_FABM_SS S_037622		252297.3844	6058929.113	Boulder	Natural	No action	
(pARCH)	7361	249553	6058436	Boulders. Target remains open for further investigation.	Uncertain	Review if reinvestigated	
(pARCH)	7341	249754	6058329	Boulders. Target remains open for further investigation.	Uncertain	Review if reinvestigated	



Archaeologically assessed targets, 'as found' location

Figure 1