

BALTIC PIPE, DANISH BALTIC SECTOR  
Screening of geophysical data and target inspection  
for the proposed Baltic Pipe gas pipeline  
- Anchor Corridor

VIR 2813



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MUSEET

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***Baltic Pipe gas pipeline - Anchor corridor***

***VIR 2813***

***SLKS 18/00033***

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March 2022

Cover illustration: ROV Video Still Image PL112001-A1\_DK\_GAZ-462. © CSS Subsea/Saipem.

## Screening of geophysical data and target inspections for the proposed Baltic Pipe gas pipeline- Anchor corridor, Danish Baltic sector

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## **Abstract**

The Viking Ship Museum has screened geophysical and ROV video data for the Danish sector of the proposed Baltic Pipe gas pipeline anchor corridor across the Baltic Sea. A total of 578 objects has been reviewed as potential cultural history objects, 521 of which were subjected to visual inspection by ROV. This video footage was screened by the Viking Ship Museum, resulting in 39 confirmed or potential cultural history objects, for which individual exclusion zones have been proposed. Furthermore, a paleo-terrain interpreted by Rambøll as the most accurate representation of the Mesolithic terrain surface has been analysed and exclusion zones proposed for likely Mesolithic settlement 'hotspots'. The Danish Agency for Culture and Palaces has later approved all of these zones and the manner in which the anchored vessel is to bypass them.

## **Dansk resumé**

Vikingskibsmuseet har udført en marinarkæologisk screening af geofysiske og ROV-video data for den danske sektor af den planlagte Baltic Pipe gasrørledning over Østersøen. I alt 570 objekter har været under overvejelse som potentielle kulturhistoriske objekter, heraf blev 521 visuelt inspiceret med ROV. Vikingskibsmuseet har screenet disse videooptagelser, hvilket har resulteret i 39 bekræftede eller formodede kulturhistoriske objekter, for hvilke der er foreslået friholdelseszoner. Desuden er et palæo-terræn, af Rambøll tolket som den bedste repræsentation af terrænoverfladen i Mesolitikum, blevet analyseret og friholdelseszoner foreslået for sandsynlige mesolitiske bosættelses-"hotspots". Slots- og Kulturstyrelsen har senere godkendt alle disse zoner og måden, hvorpå det opankrede fartøj skal passere dem.

## Introduction

Energinet (DK) and Gaz-System (PL) are preparing to build a natural gas pipeline connecting the existing Europe II pipeline in the North Sea to Poland via Denmark and crossing Swedish EEZ. The section crossing the Baltic Sea will be owned and operated by Gaz-System, who is represented in Denmark by Rambøll A/S.

The Viking Ship Museum (VIR) has been tasked to perform archaeological screening of geophysical data and inspection of potential underwater cultural heritage objects in the Danish sector of the Baltic Sea. Additionally, the Viking Ship Museum has acted as consultant to Gaz-System regarding potential underwater cultural heritage objects in Polish waters. The present report covers exclusively the anchor corridors in Danish sectors off the islands of Zealand (Sjælland) and Bornholm (previous reports covering the pipeline investigations are as follows: Thomsen, M. H. 2019: *Baltic Pipe, Polish sector: Screening of geophysical data and target inspections*. Thomsen, M. H. 2020: *Baltic Pipe, Danish Baltic sector: Screening of geophysical data and target inspections*. Jonsson, M. 2022: *Baltic Pipe, Anchor corridor, Polish sector: Screening of geophysical data and target inspections*).

## Project data

The geoarchaeological assessment was completed at the Viking Ship Museum in Roskilde, Denmark, by maritime archaeologist Mikkel H. Thomsen, while the screening of data from the anchor corridor was carried out by maritime archaeologists Marie Jonsson and Jens Lindström.

The project archive is kept at the Viking Ship Museum under file no. 2813. Should an archaeological object become subjected to further study, it will be assigned an individual file number, under which archival material as well as potential artefact collections will be kept.

**Table 1: Abbreviations.**

<b>Term:</b>	<b>English:</b>	<b>Danish:</b>
<b>AOI</b>	Area of interest	Interesseområde
<b>CHO</b>	Cultural heritage object	Kulturhistorisk objekt
<b>EEZ</b>	Exclusive economic zone	Eksklusiv økonomisk zone
<b>GIS</b>	Geographical information system	Geografisk informationssystem
<b>KP</b>	Kilometre point	Kilometerpunkt
<b>OAS</b>	Obstacle avoidance sonar	Fremad-seende sonar
<b>pUXO</b>	Potential un-exploded ordnance	Mulig ueksploderet ammunition
<b>ROV</b>	Remotely operated vehicle	Fjernstyret undervandsfartøj
<b>SLKS</b>	Agency for Culture and Palaces	Slots- og Kulturstyrelsen
<b>TIR</b>	Target inspection report	Besigtigelsesrapport
<b>UTM</b>	Universal transverse Mercator	
<b>UXO</b>	Un-exploded ordnance	Ueksploderet ammunition
<b>VIR</b>	Viking Ship Museum, Roskilde	Vikingskibsmuseet i Roskilde
<b>WGS 84</b>	World geodetic system 1984	

## ***Topography, terrain and subsoil***

The majority of the route lies in relatively deep waters. In the deeper basins, the surface geology is largely soft mud or silt, whereas in shallower sections, sand, glacial till, and possibly even chalk outcrops are dominating.

The proposed pipeline follows and crosses what throughout history has been some of the busiest shipping routes of the world, meaning that a high number of maritime cultural heritage objects are to be expected.

## ***Coordinate system***

In the present report and the associated digital files archived at VIR, geographic coordinates are listed in UTM Zone 33 North, WGS 84. Elevations/water depths to MSL.

## ***Methodology***

The archaeological screening was performed on side scan sonar data delivered to VIR as turnkey SonarWiz projects.

Initially, potential cultural heritage objects were picked in the side scan sonar data, where appropriate cross-checked in multibeam sonar data, and assigned a proposed first-generation exclusion zone in the form of a circle centred on the sonar anomaly and with a radius reflecting the size and nature of the object (200, 50, or occasionally 100 m). The targets were also correlated to the surveyor's target ID where applicable.

Potential cultural heritage objects within the anchor corridor were then subjected to visual inspection using a video-equipped ROV. Following the successful methodology of the previous campaign (Thomsen 2019, 2020), a video inspection manual for the ROV-pilot and online/offline data processors was developed, successfully allowing the collection of data without the presence of an on-board archaeologist and the successive delivery of video data to VIR for desktop screening.

Based on this information, a number of exclusion zones could be lifted and where appropriate, an exclusion zone based on the actual perimeter of the object as observed in the sonar and video data (and thus usually smaller than the first-generation zone) could be designed (specified in the column *2nd gen Ex zone (Final- based on TIR & Video)* in Appendix 1).

In addition to the screening for object lost at sea, the data were screened for areas potentially holding settlement remains from historical periods where the area was dry, habitable land. The methodology for this work is outlined in (Thomsen 2020). The data collection and geological interpretation is described in (Przychodzen 2022). Essentially, the landscape analysis from the lay corridor, in which the interpretation has since been ground-truthed through archaeological survey in the field (Thomsen, forthcoming), is extended to cover the entire anchor corridor.

Finally, the resulting exclusion zones were presented to the Danish Agency for Culture and Palaces (Slots- og Kulturstyrelsen) for approval.

## Results

A total of 578 sonar anomalies have been picked by VIR in Danish waters. The targets have been successively delivered as a series of point-object GIS files, along with their recommended exclusion zones which were delivered as polygon GIS files.

521 of these have been visually inspected using ROV-mounted video with the aim of lifting or redesigning the first-generation exclusion zones (note that these figures include duplicate targets).

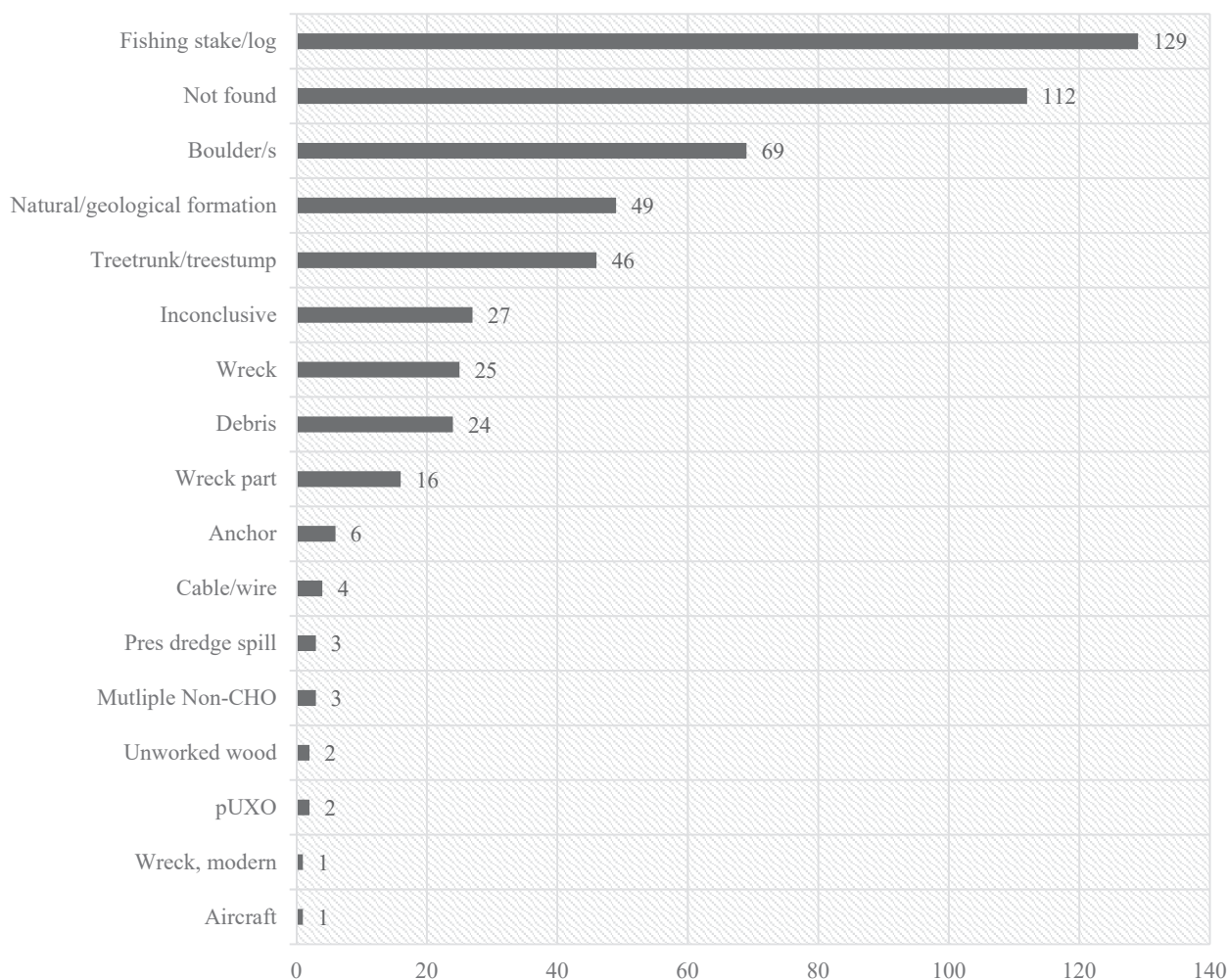


Figure 1: Target categories and number of occurrences.

### Inconclusive targets

It has proven difficult to identify, and indeed date, many of the objects due to visibility constraints and marine growth. 27 are thus classified as *Inconclusive* after the visual inspection, regarding their status as potential underwater cultural heritage (Appendix 1 and 2). Most of them (23) are situated nearshore (Figure 2), and are different types of wooden objects. Three are situated off Bornholm (see Appendix 5). It is possible that a diver inspection could clarify their nature in many cases. However, for the present project, it has proven possible to design anchor corridor and exclusion zones respectively, so that confliction is avoided.



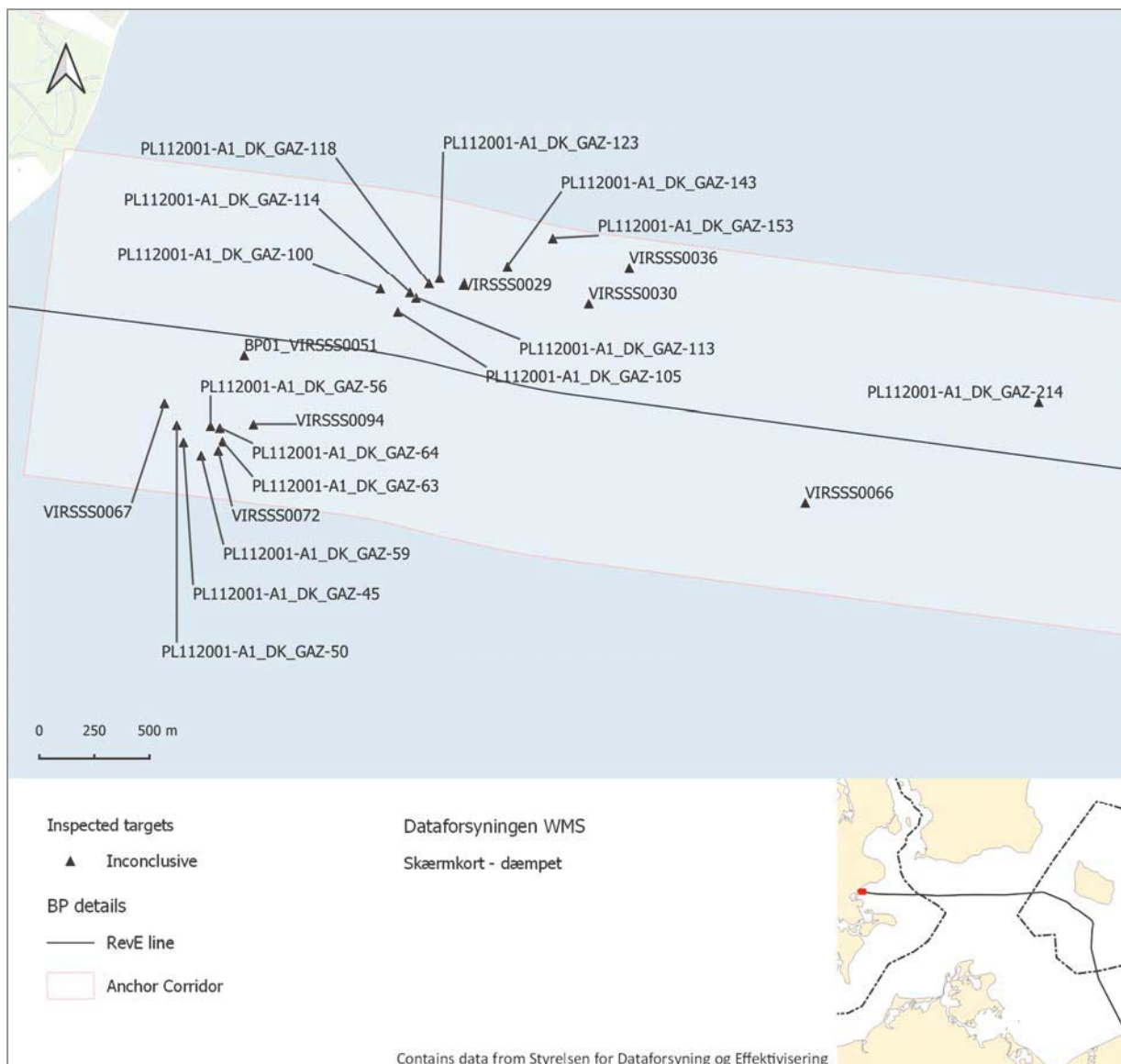


Figure 2. Nearshore inconclusive targets. Drawing: Marie Jonsson © Vikingeskibsmuseet.

## Assumed

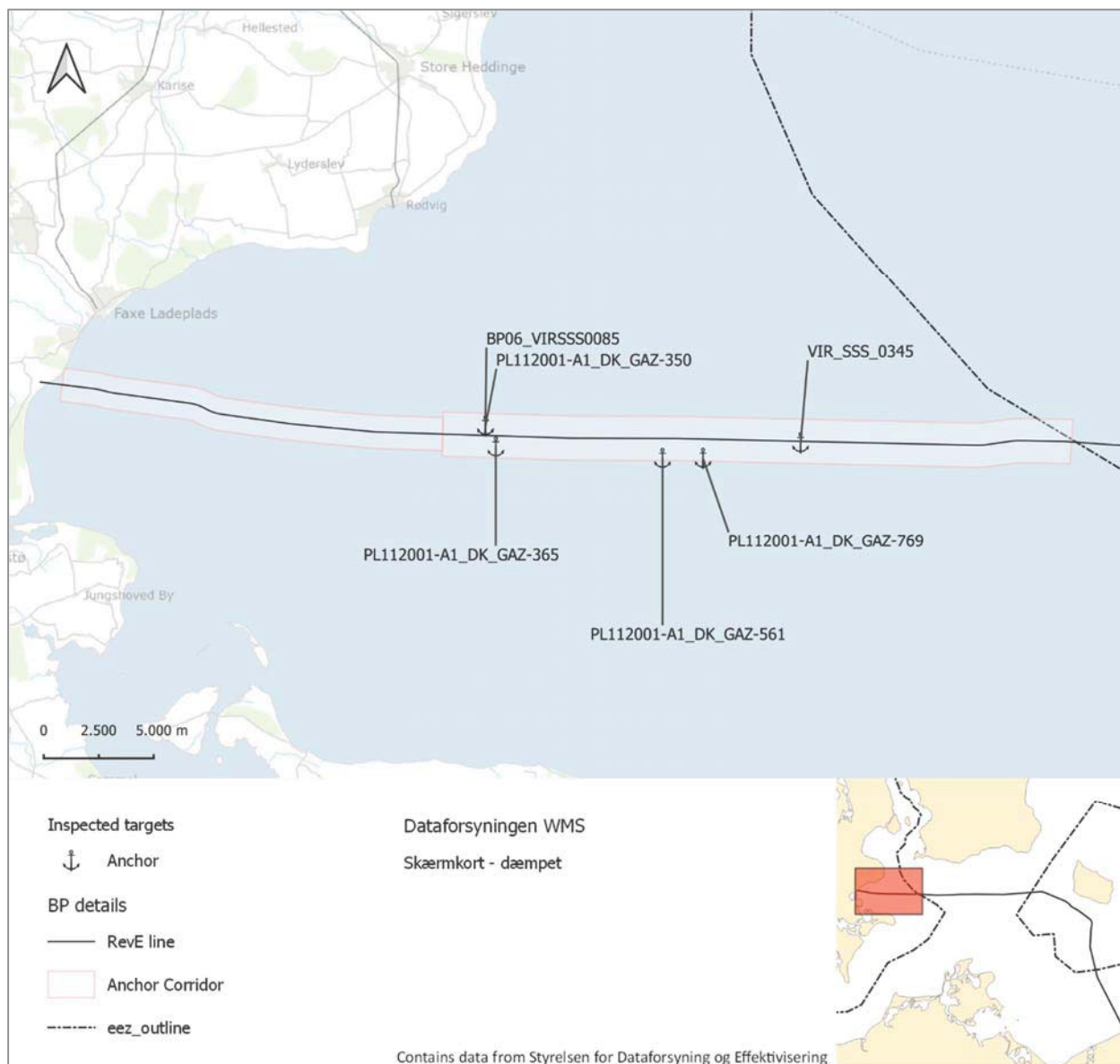
There were 43 targets classified as *Assumed* CHOs after the finalizing of the ROV campaign. The targets comprise anchors, wrecks and wreck parts. Some of the targets are duplicates, making the total sum 36 objects. Three of these had already been registered during earlier work regarding the Baltic Pipe construction corridor, the rest of them were registered before finalising this report (see Table 2).



**Table 2: Assumed CHO targets, their file number in the Viking Ship museum archive and in the national registry of sites and monuments (Sted- og lokalitetsnummer).**

Target name	VIR file no.	National register of sites and monuments
<b>Anchors</b>		
PL112001-A1_DK_GAZ-365	VIR3023	401740-186
PL112001-A1_DK_GAZ-561	VIR3026	401740-189
PL112001-A1_DK_GAZ-769	VIR3028	401740-191
VIR_SSS_0345	VIR3031	401740-194
BP06_VIRSSS0085/PL112001-A1_DK_GAZ-350	VIR3032	401740-195
<b>Wrecks</b>		
PL112001-A1_DK_GAZ-945	VIR3018	401740-181
M-806-0002-NHP/VIR_SSS_0361	VIR3021	401740-184
PL112001-A1_DK_GAZ-462	VIR3025	401740-188
PL112001-A1_DK_GAZ-612	VIR3027	401740-190
PL112001-A1_DK_GAZ-857	VIR3029	401740-192
BP01_VIRSSS0007	VIR3002	401743-69
PL12001-A1_DK_GAZ-1470	VIR3003	401743-70
PL12001-A1_DK_GAZ-1478	VIR3004	401743-71
VIR_SSS_0201/BP01_VIRSSS0011	VIR3005	401743-72
VIR_SSS_0242	VIR3006	401743-73
PL112001-A1_DK_GAZ-121	VIR3007	401746-35
PL112001-A1_DK_GAZ-71	VIR3009	401746-34
PL12001-ACS-CSS-GS-GRAD-003014	VIR3010	401746-37
PL12001-A3_DK_GAZ-1348	VIR3013	401751-146
VIR_SSS_0339/BP06_VIRSSS0118/BP06_VIRSSS0125	VIR2985	401740-180
PL112001-A1_DK_GAZ-630/BP06_VIRSSS0116	VIR2984	401740-179
<b>Wreck parts</b>		
BP06_Li01	VIR3019	401740-182
BP06_VIRSSS0119	VIR3020	401740-183
PL112001-A1_DK_GAZ-256	VIR3022	401740-185
PL112001-A1_DK_GAZ-451	VIR3024	401740-187
VIR_SSS_0338	VIR3030	401740-193
VIR_SSS_0354	VIR3033	401740-196
PL112001-A1_DK_GAZ-46	VIR3008	401746-36
PL112001-A3_DK_GAZ-982	VIR3011	401751-144
PL12001-A3_DK_GAZ-1326	VIR3012	401751-145
VIRSSS_6329	VIR3014	401751-147
PL12001-A3_DK_GAZ-1185/PL12001-A3_DK_GAZ-1186	VIR3015	401754-359
BP09_VIRSSS0023	VIR3016	401754-360
BP09_VIRSSS0041	VIR3017	401754-361
BP06_VIRSSS0111	VIR2983	401740-178

All anchors are located in section 06 of the corridor (see Figure 3). Wrecks and wreck parts are more evenly dispersed in the anchor corridor sections except for the shallower parts of Rønne Banke near Bornholm, see Appendices 3-5.



**Figure 3. Position of anchors. Drawing: Marie Jonsson © Vikingeskibsmuseet.**

Among the wrecks are four that carried a cargo of bricks:

BP01\_VIRSSS0044, PL112001-A1\_DK\_GAZ-462, PL112001-A1\_DK\_GAZ-612 and PL112001-A1\_DK\_GAZ-857.

And two that carried different kinds of iron; bars, rods and plates: PL12001-A3\_DK\_GAZ-1348 and VIR\_SSS\_0339.

The four brick-loaded wrecks are all located in section 01 and 06, “nearshore”; one of the iron-loaded wrecks is in the same area, while the other in section 09, near Bornholm (Figure 4).

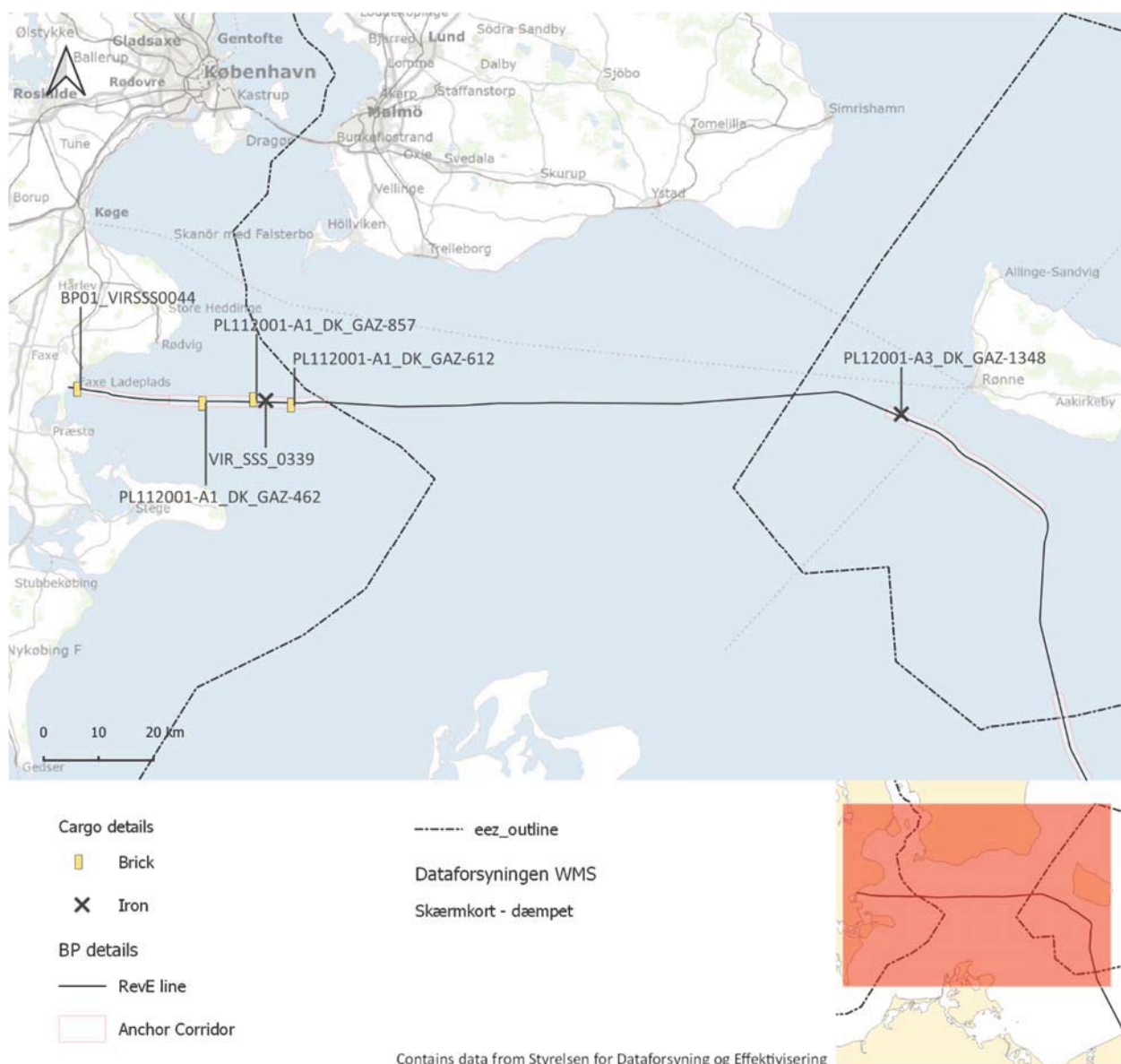


Figure 4. Locations of wrecks with brick or iron loads. Drawing: Marie Jonsson © Vikingskibsmuseet.

## Confirmed

Only four targets have attained the *Confirmed* CHO status, meaning that the object is confirmed to be over 100 years of age, and thereby protected by the Museum Act. One target is a duplicate. The confirmed targets comprise two wrecks and one wreck part. All three were registered in the national register of sites and monuments (*Fund og Fortidsminder*) prior to the present study (Table 3).

The wreck PL112001-A1\_DK\_GAZ-792 is the remains of the Swedish frigate *Birger Jarl* that sunk April 28 1813. She was built 1808, 54 meters long and 13,5 meters wide. At the time of foundering she belonged to the Swedish navy. The foundering was fast, only nine men were saved while 162 lost their lives. Sport divers frequent the wreck, and in the *Vragguiden* data base, as well as in the National registry of sites and monuments *Fund og Fortidsminder* there is a lot of information regarding the foundering and how the wreck was discovered and identified.

**Table 3: Confirmed CHO targets and their registration number (*Sted- og lokalitetsnummer*) in the national registry of sites and monuments.**

Target name	National register of sites and monuments
<b>Wrecks</b>	
VIR_SSS_0204 / BP01_VIRSSS0071	401743-67
PL112001-A1_DK_GAZ-792	401740-9
<b>Wreck parts</b>	
BP22_VIRSSS0003	401751-143

## Chance finds

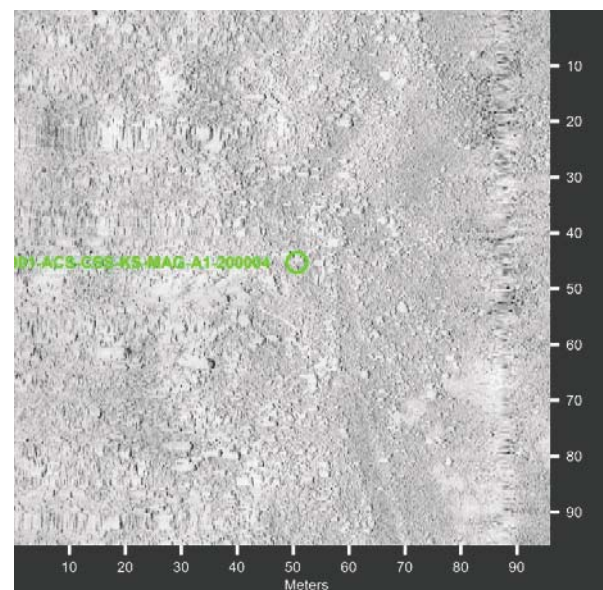
Archaeological sonar data screening is no guarantee that an area is clear of archaeological objects. After finalizing the archaeological screening, two objects of potential historical value were indeed discovered during the client's UXO survey: *PL12001-ACS-CSS-KS-MAG-A1-200004* and *PL12001-ACS-CSS-GS-GRAD-003014*. Both turned out to be wrecks, the former (*MAG-A1-200004*) was classified as modern after the UXO survey showed that the potential UXO was a pressure tank, possibly used for starting the engine or supplying the vessels stove.



**Figure 5. The actual wreck MAG-A1-200004. Image: CSS Subsea/ Saipem.**



**Figure 7. Close up of the pressure tank. Image: CSS Subsea/ Saipem.**



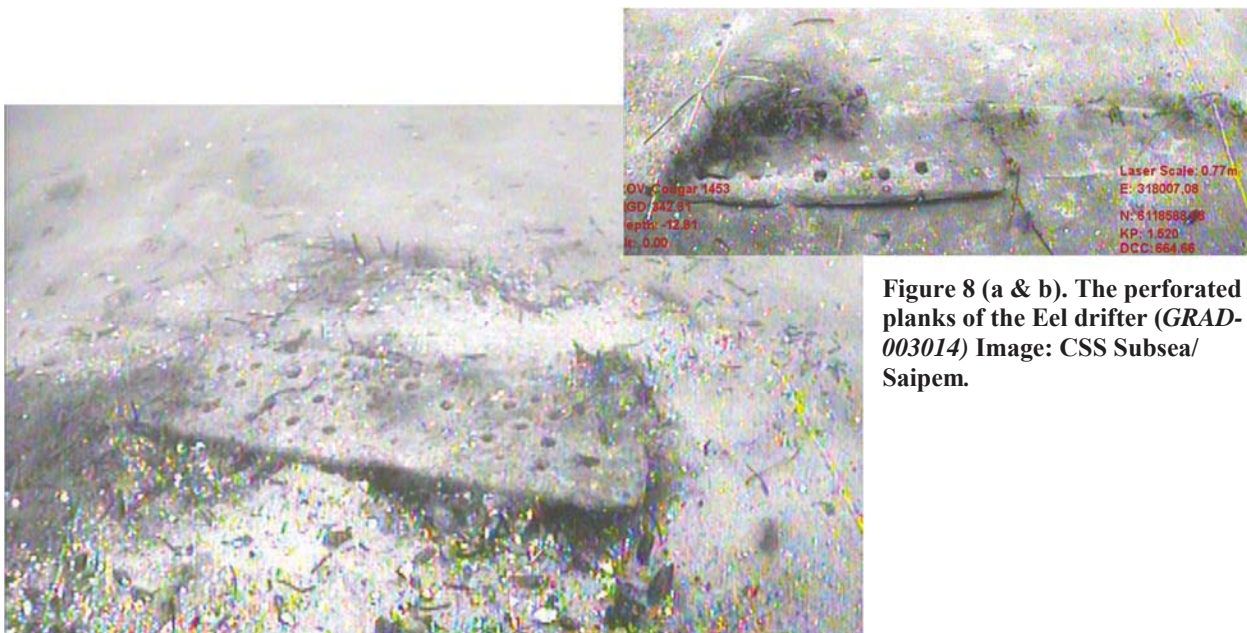
**Figure 6, Side scan sonar image from a target report created in retrospect using the coordinates found in the MAG-A1-200004 TIR shows no clear sign of a wreck. Side scan sonar image: Baltic Pipe project.**



The latter, *PL12001-ACS-CSS-GS-GRAD-003014*, is thought to be the remains of an eel drifter, which would have foundered over 100 years ago, and thus protected by the museums act. This wreck was investigated using ROV with maritime archaeologist Mikkel Thomsen present May 30<sup>th</sup> 2022:

*A 50x50m area centered on the wreck was surveyed visually and using OAS. Furthermore, the four nearest re-evaluation sonar targets (2813-ChanceFind2-SSS0007, -0008, -0019 and -0036) were also inspected. Coherent wreck elements are preserved in a c. 7m long and 3m wide area. Loose elements are seen to the south and east hereof, meaning that the wreck occupies a roughly triangular area of seabed c. 12x13m. The wreck is thought to be the remains of a clinker-built eel drifter based on findings of the characteristic perforated planks from the fish well, the bulkhead that substitutes for a normal frame fore/aft of the fish well, and the small stem/stern knee. This along with the size – and the fact that eel drifters were indeed used in these waters – leads to the conclusion that we are indeed looking at such a vessel. Probably a good 100 years old. A large boulder c. 14 m west may be the cause of wreck during drift fishing.*

There are as yet no obvious archival matches. The best match is the MARIE that ran aground 7 Feb. 1905 on Fællesskov Rev some 15 km further NW and later was wrecked (no further info) after the crew waded or swam ashore.



**Figure 8 (a & b). The perforated planks of the Eel drifter (*GRAD-003014*) Image: CSS Subsea/ Saipem.**

## **Other categories, non-CHOs, notes**

### **Fishing stakes/logs**

The highest number of occurrences among the targets belong to fishing stakes and logs. To be classified as a fishing stake, the log or pole must have one pointed end. Different types of permanent fish traps have been used in Scandinavian waters through most of the time since the last Ice Age, with little development in technique until the beginning of the 20<sup>th</sup> century. Today poles are still used to hold nets in place until they can be emptied by the fisher. There is no immediate way to discriminate between poles older than 100 years and recent ones without taking samples, but generally it is thought that poles of high age and archaeological value would, in order to remain preserved until the present day, have to be buried in sediment and not lie exposed on the sea floor. The category also includes

inconspicuous logs that may or may not have been part of a timber cargo, deriving from a wreck or lost in transit. They show no signs of being worked other than being cut off and are of little archaeological value even if high age should be established.

Fishing stakes and unworked logs are consequently not considered CHOs.

### **Not found.**

There were 112 targets where nothing could be found at the position. If nothing was located in the immediate vicinity when a search started, a search pattern was carried out, covering an area of 25x25 meters. If no object resembling the side scan sonar target could be located in this area, the target was written off as not found. There can be a few reasons for missing targets: the object can have drifted away if semi-buoyant; heavier objects can be caught in trawls or fishing nets. Some targets are due to noise in the sonar recording. All video footage was screened and compared to the ROV track plots to make sure that nothing was overlooked, but there were no such discrepancies in the data, so all Not found targets were written off as Non-CHO.

### **Boulders and Natural/geological formations**

Targets that, upon inspection, turned out to be boulders or other natural or geological formations were all written off as Non-CHOs.

### **Debris, cables/wires, multiple Non-CHOs, pUXO and Presumable dredge spill**

These categories consist of recent human remains, dropped by accident or dumped on purpose. Some of the dredge spills have made interesting patterns on the sea floor, very noticeable in the side scan sonar record. Since they are of recent origin, they are not CHOs.

### **Unworked wood**

A couple of pieces of wood, without signs of being worked, but with a peculiar shape were found but were regarded as Non-CHOs.

### **Modern wreck**

One of the chance finds during the UXO campaign was a modern wreck. See more under *Chance finds*. Since it is estimated to have foundered less than 100 years ago, it is not classified as CHO.

### **Tree stumps/tree trunks**

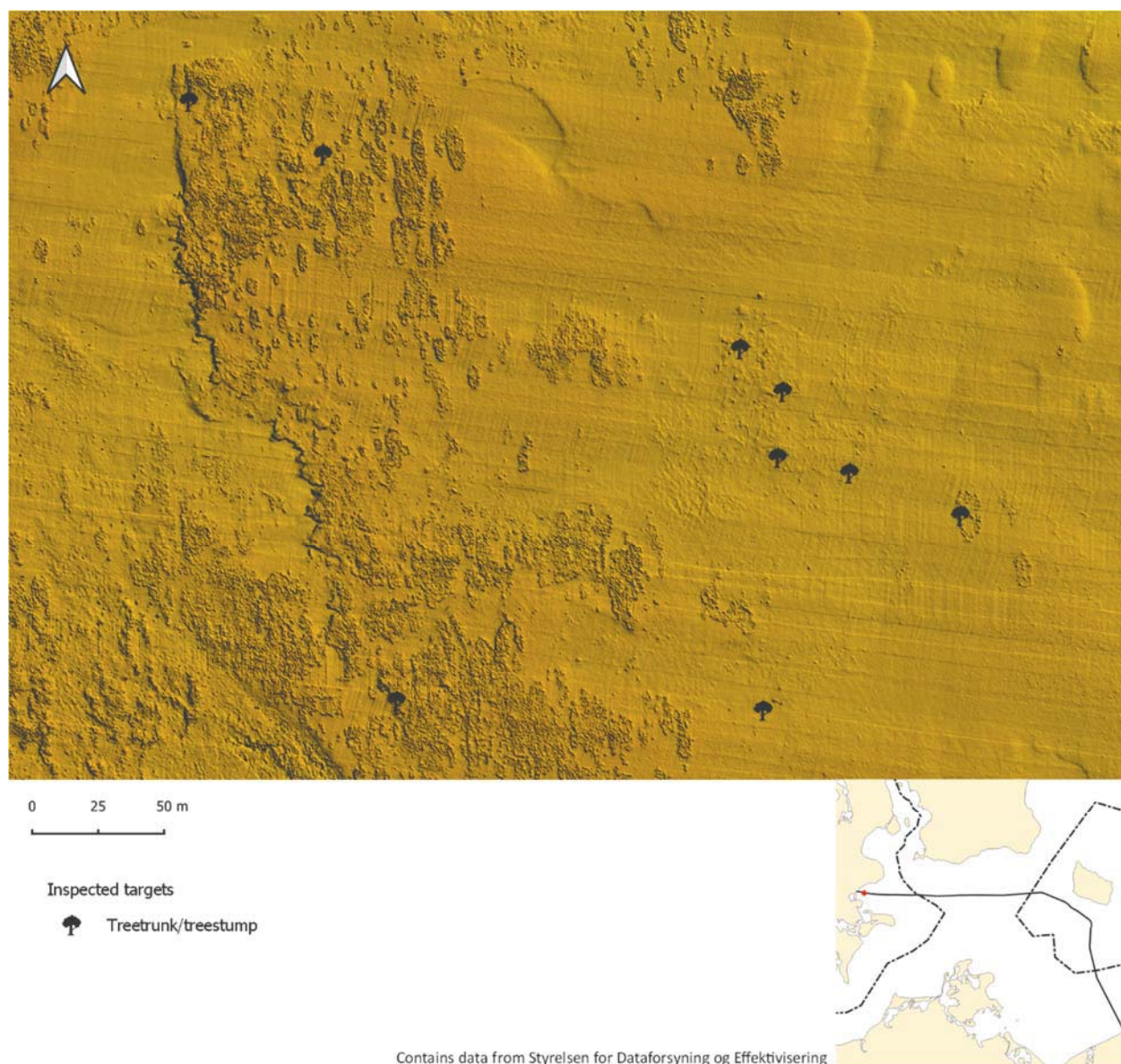


**Figure 9: Rooted tree stump at Rønne Banke off Bornholm (A3\_DK\_GAZ-1270). Image: CSS Subsea/Saipem.**



It should be noted that most of the 46 identified tree stumps/tree trunks are rooted stumps, i.e. remains of submerged forests *in situ*. A number the linear objects selected during the side scan sonar screening were found to be fallen tree trunks surrounded by roots and other debris from decomposing submerged forests during ROV investigation. Potentially these areas are more extensive than earlier estimated, see Figure 10, where the “rough patches” could be remains of the ancient forest off the Zealand coast.

There is also a vast area of rooted tree stumps, partially covered with sand, at depths between 16 and 19 meters, to the south-west of Bornholm, on the *Rønne Banke* ridge (Figure 9). West of *Rønne Banke* there are a couple of trunks with roots lying at circa 35 meters depth, but no rooted stump has yet been observed. The same goes for the area south-east of *Rønne Banke* where three trunks with root ends are lying at 29 to 31 meters depth.



**Figure 10: Confirmed remains of submerged trees, and potential forest remains (rough patches). Drawing: Marie Jonsson © Vikingskibsmuseet.**

## Aircraft

Target PL112001-A1\_DK\_GAZ-781 (Figure 11).

The site is known to sport divers who have identified it as a German Junkers 88 that went down in 1943. Excerpt from Saipem's surveyor assessment taken from the TIR:

*The aircraft appears to be upside down, is partially embedded in the seafloor, and is heavily bio-fouled.*

*No identifying marks were observed on the aircraft side or wing surfaces. Examination of the wreck shows that the port engine ... is entirely missing, but possible distorted components of the starboard engine remain. The ailerons are partly broken, but the flap mechanisms close to the fuselage appear to be intact. It is probable that extensive damage was caused when the aircraft impacted the water, either through loss of control or structural integrity, or as a result of a controlled ditching. The cockpit assembly is not visible due to the inverted position of the wreck, and the fuselage is collapsed. Remains of the tail assembly and tail plane are visible.*

*The span, shape and angle of the wings are not fully defined. Based on close visual inspection and ROV position fixes, the length can be calculated to be in the order of 11.80m, with a wingspan of approximately 19.70m. This is broadly similar to the dimensions of a Junkers Ju-88A (assuming the aircraft is of German origin), but the possibility that the aircraft was of Allied origin cannot be discounted until further evidence is obtained. A number of locations to the South-East, ...may be fragments of the aircraft.*

The sport diver database *Vragguiden* claims that the four-men crew were all killed, and that they later drifted onto shore and were buried in a cemetery in Copenhagen. This remains unconfirmed, but presumably this is a wreck of the Junkers 88 and should be regarded a war grave until further investigated. It is, however, not a CHO. Nevertheless, it is registered as VIR3035/401740-197 in the Viking Ship museum archive and the national register of sites and monuments respectively.

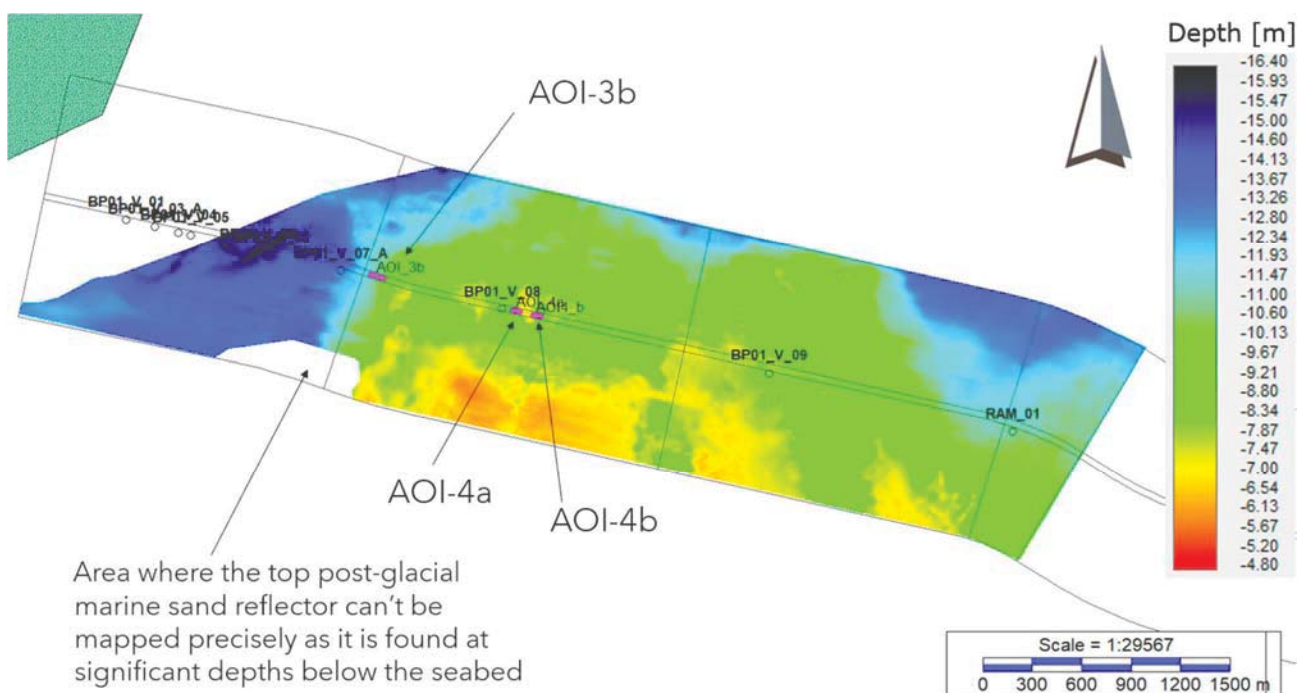


**Figure 11: ROV video still image of PL112001-A1\_DK\_GAZ-781. Possible underside of nose. Image: CSS Subsea/Saipem**

## Stone Age settlement potential

Following the methodology applied to the lay corridor, the landscape analysis was extended outwards from the central lay corridor (Przychodzen & Richardt 2020) to cover the entire anchor corridor (Przychodzen 2022). In spite of the absence of core samples from this wider area, the geological interpretation is substantiated by the observations made during archaeological survey in the lay corridor AOIs 3b, 4a and 4b (see Thomsen 2020) undertaken in December 2020 by the Viking Ship Museum (Thomsen, forthcoming).

This renewed interpretation indicates that the affected lay corridor AOIs 3b, 4a and 4b were situated marginally in the prehistoric landscape; probably on (barrier?) islands north of a more substantial land mass (see Figure 12). This is reflected in the limited number of finds from the three areas where habitation is likely to have been only seasonal/occasional – perhaps as outliers from more permanent settlements situated further south.



**Figure 12: The interpreted Mesolithic landscape surface near the Fakse landfall (Przychodzen 2022, fig. 4-1).**

A total of 15 new or reshaped AOIs were designated in the anchor corridor, none more than c. 19km from the Fakse landfall (see Appendix 6).

## Handling procedures

Upon the visual inspection, only objects with a confirmed, assumed, or inconclusive status as underwater cultural heritage retained their exclusion zone which, where appropriate, was redesigned to reflect the actual observed perimeter of the object on the seabed. This resulted in 75 exclusion zones to be respected during anchoring, construction, operation and decommissioning of the pipeline (see Appendix 1 and 2).

The exclusion zones have been successively delivered as a series of polygon GIS files.

For these objects the following handling procedure was agreed upon: Anchor wires can be passed over the exclusion zone using mid-buoys so that the vertical clearance shall be 0,5 x water depth. This procedure is possible due to the fact that none of the CHOs are standing very far off the sea bed.



Geoarchaeological AOIs are to be treated as exclusion zones with respect to anchor *drop*, whereas anchor *sweep* through the zone is permitted. This is deemed possible based on the assumption that settlement remains will not have survived to the present day once exposed on the seabed.

The AOIs are delivered as the GIS-file:

*AnchorCorridorAOIsCropped\_final.shp*

## **Future work**

For the present route design (Revision E), as defined in the GIS file:

*1100029714\_RevE\_Line.shp*

and its associated anchor corridor it has been determined that anchoring can proceed using the abovementioned procedure where appropriate without further archaeological mitigation measures with regards to maritime cultural heritage objects lying exposed on or in the seabed.

Activities other than actual pipelay and anchoring are not explicitly covered by this and previous reports. However, they may be undertaken following the same principles, that is: *within* the archaeologically screened area, *respecting* the exclusion zones. For example, respecting the eel drifter wreck (PL12001-ACS-CSS-GS-GRAD-003014) found inside the designated spoil storage area 1.

Should cultural heritage objects be encountered during construction of the pipeline in spite of the efforts to identify and avoid them, the contractor is obliged to stop work on site and notify the Agency for Culture and Palaces as per the Danish Museum Act § 29h sect. 1.

## **Literature**

Jonsson, M. 2022: *Baltic Pipe, Anchor corridor, Polish sector: Screening of geophysical data and target inspections.*

Marstal, S.B. 2019: *Baltic Pipe offshore pipeline – permitting and design. Geoarchaeological desktop study.* (Rambøll client report for Gaz-System S.A.).

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Thomsen, M. H. 2019: *Baltic Pipe, Polish sector: Screening of geophysical data and target inspections.*

Thomsen, M. H. 2020: *Baltic Pipe, Danish Baltic sector: Screening of geophysical data and target inspections.*

# Summary of all targets

# Appendix 1

## VIR file no 2813 Baltic Pipe, Danish Baltic, Anchor corridor

Name	East	North	ROV Inspection (Y/N)	VIKING SHIP MUSEUM ASSESSMENT	VIKING SHIP MUSEUM ASSESSMENT (Final- based on TIR & Video)	CHO status (Final- based on TIR & Video)	2nd gen Ex zone (Final- based on TIR & Video)
BP01_VIRSS0004	325293,77	6117601,78	Y	Same as VIR_SSS_0222 Images show mostly evenly sized rocks. Possible ballast. Check video.	Video shows boulders and a small boat, pres dredge spill	Non-CHO	n/a
BP01_VIRSS0005	324925,77	6117670,86	Y	Wooden pole. One pointed end. Pres fishing stake.		Non-CHO	n/a
BP01_VIRSS0007	327431,35	6117097,54	Y	Part of wooden hull lying on top of the sandy bottom. Frames are kept in place by one longitudinal timber. Dating not possible based on the images provided. Check video.	Video shows part of a wreck resembling PL12001-A1_DK_GAZ-1470. These are situated some 150 meters from each other, pres they are parts of the same wreck.	Assumed	50 meters radius based on wreck perimeter
BP01_VIRSS0008	327668,54	6117011,46	Y	Boulder		Non-CHO	n/a
BP01_VIRSS0009	327591,24	6117016,02	Y	Wooden pole with one pointed end. Pres fishing stake.	Same as VIR_SSS_0229	Non-CHO	n/a
BP01_VIRSS0010	327753,85	6117093,27	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake. Same as VIR_SSS_0231	Non-CHO	n/a
BP01_VIRSS0011	327790,76	6117071,56	Y	Wooden construction. Poss wreckparts. Check video	Same as VIR_SSS_0201. Video shows part of a wreck resembling BP01_VIRSS0007. These are situated some 150 meters from each other, pres they are parts of the same wreck. Dive 189-192	Assumed	50 meters radius based on wreck perimeter
BP01_VIRSS0012	328569,60	6116818,29	Y	Not found		Not found	n/a
BP01_VIRSS0013	326044,79	6117520,50	Y	Wooden pole. Possible fishing stake. Check video.	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk. Same as VIR_SSS_0233.	Non-CHO	n/a
BP01_VIRSS0014	325759,61	6117430,63	Y	Not found.		Not found	n/a
BP01_VIRSS0015	326658,07	6117250,87	Y	Not found.		Not found	n/a
BP01_VIRSS0017	325598,31	6117728,41	Y	Possible ballast. Check video.	Video shows boulders and piles of sediment, pres dredge spill.	Non-CHO	n/a
BP01_VIRSS0018	325713,02	6117595,34	Y	Not found.		Not found	n/a
BP01_VIRSS0019	325768,52	6117527,54	Y	Not found.		Not found	n/a
BP01_VIRSS0021	325944,26	6117700,13	Y	Pile of boulders, pres dredge spill.		Non-CHO	n/a
BP01_VIRSS0025	324902,33	6117567,95	Y	Wooden pole. Possible wreck part. Check video	Video shows a wooden pole, partly covered in marine growth, one end seems pointed, pres. a fishing stake.	Non-CHO	n/a
BP01_VIRSS0031	324774,55	6117151,08	Y	Boulder		Non-CHO	n/a
BP01_VIRSS0044	318833,57	6119011,24	Y	Wreck, wooden construction. Dating not possible. Check video.	Video shows a wooden wreck embedded in seaweed and covered with marine growth. A couple of bricks (quite thin) are clearly visible on top of the seaweed, and in the aft part of the ship where the seaweed layer is thinner the brick cargo can be seen. They seem pressed up against the bulkhead toward the rear, perhaps pres. that the ship went down aft first. Bowpost is rising above the lower frame timbers. Deckbeams? are lying across the wreck, also visible in SSS. A wooden object is standing upright, slanting slightly, in the for part of the ship, possible a windlass that has toppled over. Possible bulkheads. Stern has fallen out. Parts of the wreck seem to be spread out over a larger area, but the wreck itself is still well defined, and pres fairly intact beneath the seaweed. The blueview is picking up a long object at some distance from the wreck (ca 20 m, ca east), however, this anomaly it seems, is not examined. The visibility is poor.	Assumed	200
BP01_VIRSS0045	319025,29	6118912,72	Y	Boulder		Non-CHO	n/a
BP01_VIRSS0048	318808,77	6118924,89	Y	Exposed sediment, boulder		Non-CHO	n/a
BP01_VIRSS0051	318524,29	6119068,21	Y	Object buried.	Video shows a wooden object, mostly buried in sediment and covered with marine growth. Identification not possible.	Inconclusive	50
BP01_VIRSS0052	323253,12	6117862,56	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake.	Non-CHO	n/a
BP01_VIRSS0053	323069,71	6117916,10	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
BP01_VIRSS0054	323001,95	6117934,40	Y	Boulders		Non-CHO	n/a
BP01_VIRSS0055	322898,91	6118009,37	Y	Not found		Not found	n/a
BP01_VIRSS0063	323981,25	6117763,23	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
BP01_VIRSS0064	321595,21	6118296,64	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden pole, mostly buried and covered with marine growth/mussels. One end is exposed and show that it is a natural tree trunk.	Non-CHO	n/a
BP01_VIRSS0065	323221,86	6117898,90	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
BP01_VIRSS0066	323259,61	6117890,94	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake.	Non-CHO	n/a
BP01_VIRSS0068	318350,01	6119043,92	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole, covered in marine growth, one end seems pointed, pres. a fishing stake.	Non-CHO	n/a
BP01_VIRSS0071	324232,07	6117902,81	Y	VIR_SSS_0204 is the same target as identified in BP01_VIRSS0071		Confirmed	Custom radius based on wreck perimeter. Digital version provided (shapefile)
BP06_Li01	336245,62	6115524,51	Y	Wooden beam, slightly curved. Ships frame? Check video.	From report: Pres. stempost or frame element; almost entirely overgrown.	Assumed	50
BP06_VIRSS0072	333376,85	6115894,71	Y	Rope debris.		Non-CHO	n/a
BP06_VIRSS0073	337190,72	6115415,49	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
BP06_VIRSS0075	342779,13	6114913,90	Y	Wooden pole, one end pointed. Pres Fishing stake.		Non-CHO	n/a

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BP06_VIRSS0078	344871,18	6115019,72	Y	Boulders		Non-CHO	n/a
BP06_VIRSS0081	342516,20	6115238,87	Y	Boulders		Non-CHO	n/a
BP06_VIRSS0084	337570,47	6115668,72	Y	Wooden pole, one end split. Pres Fishing stake.		Non-CHO	n/a
BP06_VIRSS0085	336649,12	6115848,19	Y	Anchor. Wooden stock and quite wide heartshaped flukes. Well preserved and all parts in place.		Assumed	50
BP06_VIRSS0086	336942,96	6115746,39	Y	Not found		Not found	n/a
BP06_VIRSS0088	333691,93	6116075,74	Y	Not found		Not found	n/a
BP06_VIRSS0089	345399,58	6114758,17	Y	Not found		Not found	n/a
BP06_VIRSS0093	335811,26	6115760,43	Y	Seabed feature likely to be the anomaly		Non-CHO	n/a
BP06_VIRSS0094	334462,86	6115902,02	Y	Not found		Not found	n/a
BP06_VIRSS0098	350972,18	6113762,96	Y	Not found		Not found	n/a
BP06_VIRSS0099	350626,34	6113827,80	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
BP06_VIRSS0100	339395,11	6115222,23	Y	Wooden pole, one end pointed. Pres Fishing stake.		Non-CHO	n/a
BP06_VIRSS0101	339792,74	6115288,53	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
BP06_VIRSS0103	334283,74	6115842,86	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, one end split and other seemingly pointed. Pres fishing stake.	Non-CHO	n/a
BP06_VIRSS0105	336679,44	6115199,66	Y	Not found		Not found	n/a
BP06_VIRSS0106	341235,72	6114682,04	Y	Boulders		Non-CHO	n/a
BP06_VIRSS0109	354981,51	6113560,13	Y	Not found		Not found	n/a
BP06_VIRSS0110	349482,46	6114225,34	Y	Wooden pole. One pointed end. Pres part of fishing stake		Non-CHO	n/a
BP06_VIRSS0111	348367,59	6114274,92	Y	Wooden wreck part. Straight, square cross section with cut out areas. Check video		Assumed	50
BP06_VIRSS0116	357959,84	6113677,96	Y	Wreck. Check video.		Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)
BP06_VIRSS0118	352169,40	6114080,40	Y	Wreck. Check video.		Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)
BP06_VIRSS0119	352324,43	6114062,55	Y	Pipe, metal. Possibly wreck part or cargo from adjacent wrecks. Check video.		Assumed	50
BP06_VIRSS0120	348548,85	6114441,15	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a highly degraded wooden pole, with cut off branches. Pres cargo or fishing stake.	Non-CHO	n/a
BP06_VIRSS0121	348608,11	6114527,79	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a highly degraded wooden pole, naturally curved. Pres. cargo or fishing stake.	Non-CHO	n/a
BP06_VIRSS0123	347702,79	6114384,74	Y	Not CHO. P-UXO?		Non-CHO	n/a
BP06_VIRSS0124	359213,37	6113272,47	Y	Not found		Not found	n/a
BP06_VIRSS0125	352181,02	6114109,44	Y	Wreck. Check video.		Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)
BP09_VIRSS0023	489895,11	6083050,05	Y	Wooden construction	Video shows a wooden object, square cross section and just barely curved, with some hole visible. From one end there's a thinner beam sticking out, very poor visibility so hard to see any details. Pres wreck part, dating not possible.	Assumed	50
BP09_VIRSS0026	477652,83	6093873,30	Y	Rock outcrop.		Non-CHO	n/a
BP09_VIRSS0028	481613,16	6090416,95	Y	pUXO		Non-CHO	n/a
BP09_VIRSS0029	482742,07	6089274,29	Y	Not found		Not found	
BP09_VIRSS0030	483142,44	6088916,12	Y	Curved wooden object. Poss ships frame. Check video	Video shows a sandy bottom. The target is pres reamins of a rooted treestump, it has a very "organic" shape. Possibly surrounded by some peat/gytje.	Non-CHO	n/a
BP09_VIRSS0031	477769,04	6093913,89	Y	Rock outcrop.		Non-CHO	n/a
BP09_VIRSS0033	482970,67	6089210,32	Y	Not found		Not found	
BP09_VIRSS0036	478095,75	6093642,32	Y	Check video	Video shows a very odd but seemingly natural rock or clay formation.	Non-CHO	n/a
BP09_VIRSS0037	483006,21	6089452,74	Y	Tree trunk/root, stone age forest remains?		Non-CHO	n/a
BP09_VIRSS0041	489152,67	6083952,79	Y	Wooden object, curved, square cross section. Ships frame?	Video shows a wooden object, square cross section, and slightly curved, pres. a ships frame element-futtock. Pres wreck part, dating not possible.	Assumed	50
BP09_VIRSS0042	489036,83	6084045,88	Y	Not found		Not found	n/a
BP09_VIRSS0043	482831,01	6090153,84	Y	Tree trunk/root, stone age forest remains?		Non-CHO	n/a



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BP09_VIRSSS0044	478472,27	6093859,15	N				
BP09_VIRSSS0045	478357,43	6093809,74	Y	Rock outcrops and boulders		Non-CHO	n/a
BP09_VIRSSS0046	478216,87	6093877,75	Y	Rock outcrops and boulders		Non-CHO	n/a
BP09_VIRSSS0047	477422,73	6094591,88	Y	Rock outcrop.		Non-CHO	n/a
BP09_VIRSSS0049	490699,32	6082895,41	Y	Modern debris	Modern debris	Non-CHO	n/a
BP09_VIRSSS0050	483048,23	6089554,63	Y	Wooden construction?	Video shows a sandy bottom with several wood fragments and gyttje/peat pieces. The target logs are partly covered in mussels. They are situated in a peculiar way, forming a N or Z depending on the direction seen.	Inconclusive	50
BP09_VIRSSS0051	482971,42	6089500,86	Y	Wooden object?	Video shows a sandy bottom with several treestumps, wood fragments and gyttje/peat pieces. The log is pres a fallen tree trunk, it has remains of branches and a very "organic" shape. Possibly set in a bed of peat/gyttje.	Non-CHO	n/a
BP09_VIRSSS0055	487925,98	6085644,90	Y	Poss fishing stake	Video shows a wooden pole with only a little marine growth covering the surface. One end is very pointy. Pres fishing stake, or natural tree trunk.	Non-CHO	n/a
BP09_VIRSSS0056	487882,20	6085600,06	Y	Not found		Not found	n/a
BP09_VIRSSS0057	487404,63	6084929,70	Y	Not found or modern debris.		Non-CHO	n/a
BP09_VIRSSS0058	483116,23	6089134,21	Y	Wooden plank or pole. Check video	Video shows a sandy bottom with possible wood fragments and areas pres of exposed gyttje/peat pieces covered with mussels/marine growth. The target log is partly covered by marine growth, and poss situated in a bed of peat/gyttje.	Non-CHO	n/a
BP09_VIRSSS0066	482904,91	6089482,76	Y	Tree trunk/root, poss with gyttje deposit, stone age forest remains?		Non-CHO	n/a
BP09_VIRSSS0068	483022,58	6089403,42	Y	Tree trunk/root, stone age forest remains?		Non-CHO	n/a
BP09_VIRSSS0069	483081,95	6089335,20	Y	Tree stump. Check video for flint? Poss stone age remains?		Non-CHO	n/a
BP09_VIRSSS0070	483415,17	6089073,37	Y	Poss fishing stake	Video shows a wooden pole, mostly covered with marine growth/mussels. It seems that there is less sand covering it now, than when it was last visited.	Inconclusive	50
BP09_VIRSSS0072	488073,08	6085078,34	Y	Not found		Not found	n/a
BP09_VIRSSS0074	489520,98	6083672,50	Y	Not found		Not found	n/a
BP09_VIRSSS0075	489997,45	6083266,59	Y	Wooden object	Video shows a wooden pole with only a little marine growth covering the surface. Pres part of tree trunk or cargo. The pole has recently moved, leaving a scar in the seabed next to it.	Non-CHO	n/a
BP09_VIRSSS0078	480263,20	6091920,74	Y	Not found		Not found	n/a
BP09_VIRSSS0079	477979,02	6093925,87	Y	Boulders		Non-CHO	n/a
BP09_VIRSSS0088	482752,81	6089285,94	Y	Tree stump. Check video for flint? Poss stone age remains?		Non-CHO	n/a
BP09_VIRSSS0089	480732,45	6091099,01	Y	Seabed feature is pres the anomaly		Non-CHO	n/a
BP09_VIRSSS0090	477904,95	6093411,23	Y	Rock outcrop or treestump/trunks?		Non-CHO	n/a
BP09_VIRSSS0091	479189,72	6092097,75	Y	Boulder		Non-CHO	n/a
BP09_VIRSSS0092	479908,95	6091405,53	Y	Clay formations		Non-CHO	n/a
BP09_VIRSSS0093	479441,92	6091791,79	Y	Fallen tree trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
BP09_VIRSSS0094	482628,95	6089124,17	Y	Fallen tree trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a

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BP09_VIRSSS0097	479916,53	6091340,18	Y	Low mound, poss clay. Natural		Non-CHO	n/a
BP09_VIRSSS0100	482648,06	6089245,83	Y	Flat rocks		Non-CHO	n/a
BP22_O33	469857,51	6099697,63	Y	Boulders		Non-CHO	n/a
BP22_VIRSSS0003	466662,11	6101484,02	Y	Wooden beam, no visible fastenings in the report provided. P-CHO. Post ROV video comment: Slightly curved (deck) beam. CHO confirmed.	Wooden beam, no visible fastenings in the report provided. P-CHO. Post ROV video comment: Slightly curved (deck) beam. CHO confirmed.	Confirmed	50
BP22_VIRSSS0004	465802,11	6101942,49	Y	Not found		Not found	n/a
BP22_VIRSSS0005	470446,40	6099448,78	Y	Fallen tree trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
BP22_VIRSSS0007	470426,18	6099342,70	Y	Fallen tree trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
BP22_VIRSSS0010	469114,03	6099482,90	Y	Fishing net or trawl caught on rock.		Non-CHO	n/a
M-806-0002-NHP	360281,12	6112974,66	Y	Wooden construction plus some smaller objects. Possible wreck		Assumed	25 meters radius based on wreck perimeter. Digital version provided (shapefile)
PL112001-A1_DK_GAZ-100	319166,25	6119317,54	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	The video shows an object partly buried in the sediment. What is sticking out is completely covered in marine growth/mussels. One end is thicker, possibly lodged under a rock, or there's something attached to the wood. Ok visibility.	Inconclusive	50
PL112001-A1_DK_GAZ-101	319246,90	6119239,28	Y	Wooden board? Images provided are lacking detail=not useful for CHO assessment.	The video shows an object almost completely buried in the sediment. What is sticking out is mostly covered in marine growth. 101, 102 and 103 are located withing 15 meters of each other, and are pres part of the same context.	Non-CHO	n/a
PL112001-A1_DK_GAZ-102	319245,47	6119230,87	Y	Images provided are lacking detail=not useful for CHO assessment.	Video shows two wooden objects, pres. poles, lying in a 45 degree angle, buried in sediment. 101, 102 and 103 are located withing 15 meters of each other, and are pres part of the same context.	Non-CHO	n/a
PL112001-A1_DK_GAZ-103	319260,07	6119229,12	Y	Wooden boards. Images provided are lacking detail=not useful for CHO assessment.	Video shows two wooden poles, lying in a 45 degree angle, one half buried in sediment and the other pole completely buried in sediment. The end that is sticking out from the half buried pole is pointed, pres. fishing stake. 101, 102 and 103 are located withing 15 meters of each other, and are pres part of the same context.	Non-CHO	n/a
PL112001-A1_DK_GAZ-104	319169,11	6119212,93	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	The video shows an object almost completely buried in the sediment. What is sticking out is mostly covered in marine growth. Size and shape suggest a natural tree trunk.	Non-CHO	n/a
PL112001-A1_DK_GAZ-105	319235,78	6119205,31	Y	Wooden board and beam. Images provided are lacking detail=not useful for CHO assessment.	The video shows an object partly buried in the sediment. What is sticking out is completely covered in marine growth/mussels. One end is thinner, eroded, or there's something attached to the wood. Heres also a wooden board on the bottom, eroded, but seemingly with nail holes.	Inconclusive	50
PL112001-A1_DK_GAZ-113	319323,55	6119262,13	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	Video shows two linear objects completely buried in the sediment.	Inconclusive	50
PL112001-A1_DK_GAZ-114	319298,31	6119288,64	Y	Wooden objects. Images provided are lacking detail=not useful for CHO assessment.	Video shows two wooden poles, lying in a 45 degree angle, half buried in sediment and covered with marine growth.	Inconclusive	50
PL112001-A1_DK_GAZ-115	319371,97	6119299,91	Y	Wooden object, plus boulder. Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole, covered in marine growth. It has some natural curves, pres. a fishing stake or natural tree trunk.	Non-CHO	n/a
PL112001-A1_DK_GAZ-116	319304,18	6119324,67	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole, with patches of marine growth. It has some natural curves, pres. a fishing stake or natural tree trunk.	Non-CHO	n/a
PL112001-A1_DK_GAZ-117	319321,64	6119328,17	Y	Wooden objects. Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole, covered in marine growth. It has some natural curves, pres. a fishing stake or natural tree trunk.	Non-CHO	n/a
PL112001-A1_DK_GAZ-118	319388,32	6119322,61	Y	Object buried.	Video shows a linear object, almost completely buried int the sediment, and what sticks out is covered in marine growth/mussels.	Inconclusive	50
PL112001-A1_DK_GAZ-119	319328,63	6119346,90	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole, covered in marine growth. It has some natural curves, pres. a fishing stake or natural tree trunk.	Non-CHO	n/a
PL112001-A1_DK_GAZ-121	319426,76	6119416,13	Y	Wreck. Ballast stones and wooden boards visible. Dating by the provided images not possible.	Video shows a mound of cobbles covered in marine growth/mussels. A brick or cut stone can be seen, pres. a wreck. Dating not possible. PL112001-A1_DK_GAZ-123 is situated 75 meters away, possibly they are related.	Assumed	50 meters radius based on wreck perimeter
PL112001-A1_DK_GAZ-122	319546,58	6119541,06	Y	Pres. wooden fishing stake.		Non-CHO	n/a

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PL112001-A1_DK_GAZ-123	319438,31	6119343,26	Y	Poss. Anchor. Images provided are lacking detail=not useful for CHO assessment.	Video shows a linear object, almost completely buried in the sediment, and what sticks out is covered in marine growth/mussels. In one end is either a couple of boulders, or the object is a angled construction. PL112001-A1_DK_GAZ-121 is situated 75 meters away, possibly they are related.	Inconclusive	50
PL112001-A1_DK_GAZ-139	319674,78	6119387,57	Y	Wooden object, fishing stake?	Video shows a linear object, partly buried in the sediment, what sticks out is mostly covered in marine growth/mussels. It has some natural curves, pres. a fishing stake or natural tree trunk.	Non-CHO	n/a
PL112001-A1_DK_GAZ-140	319629,38	6119448,69	Y	Wooden object, fishing stake?	Video shows a linear object, almost completely buried in the sediment, what sticks out is mostly covered in marine growth/mussels. One end seems pointed, pres. fishing stake.	Non-CHO	n/a
PL112001-A1_DK_GAZ-142	319744,84	6119393,24	Y	Wooden object, fishing stake?	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
PL112001-A1_DK_GAZ-143	319750,07	6119373,87	Y	Wooden object, fishing stake?	Video shows a linear object, almost completely buried in the sediment, what sticks out is mostly covered in marine growth/mussels.	Inconclusive	50
PL112001-A1_DK_GAZ-144	319747,06	6119225,76	Y	Wooden object, fishing stake?	Video shows two wooden poles, one longer with natural curves, pres. fishing stake.	Non-CHO	n/a
PL112001-A1_DK_GAZ-147	319876,43	6118372,80	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-148	319872,53	6118152,51	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-150	319965,43	6119259,23	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows a wooden pole with a pointed end and natural curves, pres. fishing stake.	Non-CHO	n/a
PL112001-A1_DK_GAZ-151	320012,03	6119471,46	Y	Wooden pole/s. Poss fish stakes. Check video	PL112001-A1_DK_GAZ-151 and 152: Video shows (at least) three wooden poles, partly buried in sediment, partly covered by marine growth. Size and shape suggest fishing stakes.	Non-CHO	n/a
PL112001-A1_DK_GAZ-152	320005,53	6119472,88	Y	Wooden pole/s. Poss fish stakes. Check video	PL112001-A1_DK_GAZ-151 and 152: Video shows (at least) three wooden poles, partly buried in sediment, partly covered by marine growth. Size and shape suggest fishing stakes.	Non-CHO	n/a
PL112001-A1_DK_GAZ-153	319966,16	6119483,36	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows a wooden pole half buried in sediment, what sticks out is covered with marine growth. In one end there seems to be a hole. Poss. Wreck part.	Inconclusive	50
PL112001-A1_DK_GAZ-156	320043,63	6119402,56	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
PL112001-A1_DK_GAZ-157	320152,37	6119197,58	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-159	320078,22	6118357,20	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-163	320425,44	6119106,84	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-168	320474,27	6118348,13	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows a wooden pole, covered with marine growth/mussels. Size and shape suggest fishing stake.	Non-CHO	n/a
PL112001-A1_DK_GAZ-176	320561,82	6119158,75	Y	Clay or rock formation		Non-CHO	n/a
PL112001-A1_DK_GAZ-187	321204,30	6118993,35	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-188	321368,22	6119024,90	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-189	321255,50	6118791,87	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-190	321325,36	6118773,72	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-197	321390,01	6118802,87	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-198	321494,46	6119069,33	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-205	321572,66	6118063,85	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-206	321646,96	6117801,53	Y	Wooden log. Check video	Video shows a tree trunk, half buried in sediment, and covered with marine growth. Poss stone age forest remains, as there seem to be peat/gytje outcrops and poss also rooted treestumps in the area.	Non-CHO	n/a
PL112001-A1_DK_GAZ-207	321578,38	6117745,95	Y	Wooden log. Check video	Video shows a tree trunk, half buried in sediment, and covered with marine growth. Poss stone age forest remains, as there seem to be peat/gytje outcrops in the area.	Non-CHO	n/a
PL112001-A1_DK_GAZ-212	321851,84	6118778,59	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden pole, covered with marine growth/mussels. Size and shape suggest fishing stake.	Non-CHO	n/a
PL112001-A1_DK_GAZ-214	322099,04	6118546,49	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden pole, very straight and uniform, no visible toolmarks, holes or such. Poss rigging spar	Inconclusive	50
PL112001-A1_DK_GAZ-216	322276,84	6117898,63	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a tree trunk, half buried in sediment, and covered with marine growth. Poss stone age forest remains, as there seem to be additional trunks in the area, plus pres peat/gytje outcrops.	Non-CHO	n/a
PL112001-A1_DK_GAZ-217	322157,24	6117874,27	Y	Natural mound	Poss peat/gytje outcrop	Non-CHO	n/a
PL112001-A1_DK_GAZ-219	322513,32	6118418,07	Y	Natural mound		Non-CHO	n/a
PL112001-A1_DK_GAZ-226	322841,63	6118634,07	Y	Boulder		Non-CHO	n/a

# Summary of all targets

# Appendix 1

## VIR file no 2813 Baltic Pipe, Danish Baltic, Anchor corridor

PL112001-A1_DK_GAZ-231	322775,77	6117759,93	Y	Wooden objects. Check video	Video shows some wire or cable, rope, and metal object, a mast and boom?, modern debris.	Non-CHO	n/a
PL112001-A1_DK_GAZ-235	322963,08	6118429,36	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden pole, covered in marine growth, one end is bent at an angle. Pres natural.	Non-CHO	n/a
PL112001-A1_DK_GAZ-236	322965,65	6118712,14	Y	Wooden pole. Poss. Fishing stake. Check video.	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake.	Non-CHO	n/a
PL112001-A1_DK_GAZ-237	322952,08	6118757,17	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-238	323113,24	6118751,20	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-241	323211,74	6118369,07	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-242	323323,90	6118616,84	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-243	323387,39	6118438,53	Y	Modern wreck debris.		Non-CHO	n/a
PL112001-A1_DK_GAZ-244	323462,11	6118348,37	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-247	323760,01	6118344,46	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-248	323735,43	6118179,84	Y	Wooden pole. Poss. Fishing stake. Check video.	Video shows a wooden pole, naturally curved , one end broken off. Pres fishing stake.	Non-CHO	n/a
PL112001-A1_DK_GAZ-255	334667,06	6115023,03	N				
PL112001-A1_DK_GAZ-256	334746,01	6116268,14	Y	Wooden plank with holes and other construction details. Dating not possible. Check video	Video shows a wooden plank with holes and cut "grooves". Wreckpart.	Assumed	50
PL112001-A1_DK_GAZ-261	335002,83	6116533,25	N				
PL112001-A1_DK_GAZ-262	335021,63	6116204,74	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-263	334937,45	6116007,54	Y	Exposed clay or rock.		Non-CHO	n/a
PL112001-A1_DK_GAZ-277	335186,51	6115284,19	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-281	335393,83	6114636,64	N				
PL112001-A1_DK_GAZ-289	335617,37	6114728,84	Y	Seabed feature likely to be the anomaly		Non-CHO	n/a
PL112001-A1_DK_GAZ-290	335559,49	6114614,98	N				
PL112001-A1_DK_GAZ-299	335888,08	6114898,10	Y	Seabed feature likely to be the anomaly		Non-CHO	n/a
PL112001-A1_DK_GAZ-302	336182,52	6115175,65	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-312	336312,30	6114478,71	N				
PL112001-A1_DK_GAZ-318	336376,11	6114938,29	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden pole, naturally shaped, one end split. Pres fishing stake or natural tree trunk.	Non-CHO	n/a
PL112001-A1_DK_GAZ-322	336354,21	6115882,06	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-329	336494,54	6116248,30	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-340	336446,81	6114775,42	Y	Boulders		Non-CHO	n/a
PL112001-A1_DK_GAZ-341	336397,44	6114752,40	Y	Boulders		Non-CHO	n/a
PL112001-A1_DK_GAZ-347	336676,29	6114641,84	Y	Boulders		Non-CHO	n/a
PL112001-A1_DK_GAZ-349	336619,41	6114955,48	Y	Boulders		Non-CHO	n/a
PL112001-A1_DK_GAZ-350	336653,93	6115845,14	Y	Anchor. Wooden stock and quite wide spadeshaped flukes. Well preserved and all parts in place.		Assumed	50
PL112001-A1_DK_GAZ-356	336696,16	6116011,03	Y	Wooden pole with one pointed end. Pres fishing stake.		Non-CHO	n/a
PL112001-A1_DK_GAZ-360	336700,13	6114750,88	Y	Boulders		Non-CHO	n/a
PL112001-A1_DK_GAZ-365	337036,07	6114840,24	Y	Anchor. Wooden stock and quite wide spadeshaped flukes. Well preserved, except for the stock being eroded.		Assumed	50
PL112001-A1_DK_GAZ-371	337172,44	6115784,64	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-378	337378,66	6114712,60	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-379	337382,15	6114342,71	N				
PL112001-A1_DK_GAZ-380	337517,88	6114706,73	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-398	338244,97	6114270,49	N				
PL112001-A1_DK_GAZ-403	338480,62	6114951,21	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-420	339685,47	6114839,53	Y	Boulder		Non-CHO	n/a

# Summary of all targets

# Appendix 1

**VIR file no 2813**

**Baltic Pipe, Danish Baltic, Anchor corridor**

PL112001-A1_DK_GAZ-45	318215,53	6118700,49	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	The video shows an object almost completely buried in the sediment. What is sticking out is covered in marine growth.	Inconclusive	50
PL112001-A1_DK_GAZ-451	340599,94	6115771,23	Y	Wooden plank or pole. Check video	Video shows a wooden board/plank, with holes. Pres hull plank. Wreckpart	Assumed	50
PL112001-A1_DK_GAZ-46	318142,70	6118893,81	Y	Wooden object. Seems square in images. P-CHO	Video shows a wooden object, beam or log, not completely straight but bent naturally or by hand. The size suggest it might be a wreck part, perhaps a futtock. The visibility is very poor, making it difficult to see details or get a good overview.	Assumed	50
PL112001-A1_DK_GAZ-462	341296,46	6114489,76	Y	Wooden wreck. Quite broken up, but many construction details still in place. Far between frames, inner planking, Brick cargo.		Assumed	50 meters radius based on wreck perimeter. Digital version provided (shapefile)
PL112001-A1_DK_GAZ-47	318147,77	6118925,01	Y	Wooden object. Poss mast. P-CHO	Video shows a wooden log, covered with marine growth. It looks unworked, both ends cut straight more or less, with cut off branches pres. it might be a piece of timber, cargo.	Non-CHO	n/a
PL112001-A1_DK_GAZ-485	342020,64	6114455,66	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-496	342516,61	6115269,27	Y	Boulder and fishing net.		Non-CHO	n/a
PL112001-A1_DK_GAZ-499	342422,47	6114484,88	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-50	318191,95	6118780,38	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	The video shows an object almost completely buried in the sediment. What is sticking out is covered in marine growth.	Inconclusive	50
PL112001-A1_DK_GAZ-500	342506,61	6114437,41	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-506	342648,06	6114408,84	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-511	342549,00	6115251,96	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-522	342910,61	6113817,31	N				
PL112001-A1_DK_GAZ-523	342843,62	6113989,81	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-539	343851,04	6113893,51	Y	Boulders		Non-CHO	n/a
PL112001-A1_DK_GAZ-54	318379,48	6118847,84	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole covered with marine growth. The visibility is ok, no signs of construction on the pole Size and shape suggest fishing stake.	Non-CHO	n/a
PL112001-A1_DK_GAZ-544	343775,79	6115542,13	Y	Boulders		Non-CHO	n/a
PL112001-A1_DK_GAZ-55	318338,53	6118773,02	Y	Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole covered with marine growth. The visibility is poor, making it difficult to see details or get a good overview. One end seem pointed, pres. fishing stake.	Non-CHO	n/a
PL112001-A1_DK_GAZ-550	344168,58	6114034,15	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-556	344240,49	6113832,20	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-56	318344,40	6118763,11	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	The video shows an object almost completely buried in the sediment. What is sticking out is covered in marine growth.	Inconclusive	50
PL112001-A1_DK_GAZ-561	344539,89	6113675,42	Y	Anchor. Wooden stock. Flukes missing? Quite well preserved and all parts in place.		Assumed	50
PL112001-A1_DK_GAZ-58	318359,80	6118674,50	Y	Wooden object, fishing stake?	Video shows a wooden pole covered with marine growth. The visibility is poor, making it difficult to see details but one end seems pointed, and the size and shape suggest fishing stake.	Non-CHO	n/a
PL112001-A1_DK_GAZ-59	318290,43	6118633,07	Y	Wooden object, mast, fishing stake, pole?	The video shows an object almost completely buried in the sediment. What is sticking out is covered in marine growth.	Inconclusive	50
PL112001-A1_DK_GAZ-599	356514,00	6112669,67	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
PL112001-A1_DK_GAZ-611	357313,32	6113817,18	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-612	357320,92	6112792,80	Y	Wrecksite. Wreck buried in the sediment, the main feature is the brick cargo of yellow bricks.		Assumed	200
PL112001-A1_DK_GAZ-63	318392,49	6118688,27	Y	Wooden object, fishing stake?	The video shows an object almost completely buried in the sediment. What is sticking out is covered in marine growth. Almost zero visibility.	Inconclusive	50
PL112001-A1_DK_GAZ-630	357971,92	6113674,88	Y	Wreck. Check video.		Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)
PL112001-A1_DK_GAZ-64	318385,22	6118750,97	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole next to a boulder, both covered with marine growth. The visibility is poor, making it difficult to see details.	Inconclusive	50
PL112001-A1_DK_GAZ-71	318499,70	6118772,96	Y	Wreck from small boat. Dating not possible from provided images.	Wooden wreck, stem is fairly intact. Starboard side seems mostly gone, while port side is visible for some part. Naturally eroded, or intently lowered to ensure safe passage over the wreck as the depth is only 12 meters. Possible match at first thought to be the schooner Else, which foundered in 1944. Not likely, as it was pulled off the ground east of Jylland and sailed again...	Assumed	50 meters radius based on wreck perimeter
PL112001-A1_DK_GAZ-766	346178,43	6114838,87	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-769	346375,58	6113523,93	Y	Anchor. Wooden stock and quite wide spadeshaped flukes. Well preserved, half the stock missing.		Assumed	50

# Summary of all targets

# Appendix 1

**VIR file no 2813**

**Baltic Pipe, Danish Baltic, Anchor corridor**

PL112001-A1_DK_GAZ-781	347560,97	6113631,81	Y	Aircraft. Possible war grave. Check video.	video shows a airplane wreck. The site is known to sportsdivers who have identified it to be a Junker 88 that went down in 1943. Seipems assessment is precise and descriptive: "The aircraft appears to be upside down, is partially embedded in the seafloor, and is heavily bio-fouled. No identifying marks were observed on the aircraft side or wing surfaces. Examination of the wreck shows that the port engine ... is entirely missing, but possible distorted components of the starboard engine remain. The ailerons are partly broken, but the flap mechanisms close to the fuselage appear to be intact. It is probable that extensive damage was caused when the aircraft impacted the water, either through loss of control or structural integrity, or as a result of a controlled ditching. The cockpit assembly is not visible due to the inverted position of the wreck, and the fuselage is collapsed. Remains of the tail assembly and tail plane are visible. The span, shape and angle of the wings are not fully defined. Based on close visual inspection and ROV position fixes, the length can be calculated to be in the order of 11.80m, with a wingspan of approximately 19.70m. This is broadly similar to the dimensions of a Junkers Ju-88A (assuming the aircraft is of German origin), but the possibility that the aircraft was of Allied origin cannot be discounted until further evidence is obtained. A number of locations to the South-East, ...may be fragments of the aircraft." The sportsdiver records claim that the four men crew were all killed, and that they later drifted onto shore and were buried in a cemetery in Copenhagen. This remains to be	Non-CHO	n/a
PL112001-A1_DK_GAZ-784	347648,10	6114099,95	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-792	347987,25	6115011,77	Y	Wooden wreck, very sturdy construction. Fairly intact. Several cannons. Anchor and masthead present.	Known and investigated wreck of Swedish navy ship Birger Jarl	Confirmed	200
PL112001-A1_DK_GAZ-793	335002,83	6116533,25	N				
PL112001-A1_DK_GAZ-796	348128,95	6113971,18	Y	Not found		Not found	n/a
PL112001-A1_DK_GAZ-797	348125,98	6114937,85	Y	Wooden pole with rope tied around it. Poss Fishing stake or wreck part. Check video	Video shows a highly degraded wooden pole, naturally curved, with rope (blue nylon) tied around it. Pres fishing stake.	Non-CHO	n/a
PL112001-A1_DK_GAZ-810	348708,17	6113428,43	N				
PL112001-A1_DK_GAZ-813	349000,10	6115104,36	N				
PL112001-A1_DK_GAZ-816	349338,50	6114863,46	Y	Wooden pole. One pointed end. Pres fishing stake		Non-CHO	n/a
PL112001-A1_DK_GAZ-846	350187,11	6114446,18	Y	Metal pipe. Modern debris		Non-CHO	n/a
PL112001-A1_DK_GAZ-857	350553,76	6114397,72	Y	Wooden wreck. Mostly buried in the sediment, the main feature is the brick cargo of yellow bricks lined up nicely.		Assumed	200
PL112001-A1_DK_GAZ-86	318869,61	6118426,71	Y	Seaweed covered mound. Images provided are lacking detail=not useful for CHO assessment.	The video shows marine growth and a small moundlike seabed feature, this is pres the anomaly.	Non-CHO	n/a
PL112001-A1_DK_GAZ-873	351089,37	6112913,12	N				
PL112001-A1_DK_GAZ-88	318960,12	6118360,38	Y	Dødishul?		Non-CHO	n/a
PL112001-A1_DK_GAZ-886	351638,71	6112850,34	N				
PL112001-A1_DK_GAZ-909	352251,39	6112951,00	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-918	352991,38	6112958,37	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-926	353653,29	6113026,50	Y	Boulder		Non-CHO	n/a
PL112001-A1_DK_GAZ-945	354856,72	6113148,68	Y	Wreck. Check video.		Assumed	200
PL112001-A1_DK_GAZ-98	319030,52	6119379,77	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole covered with marine growth. It shows no signs of being worked and has a natural shape with some bends, pres. a tree trunk.	Non-CHO	n/a
PL112001-A3_DK_GAZ-1003	471543,71	6097845,96	N				
PL112001-A3_DK_GAZ-1010	471742,88	6097675,77	N				
PL112001-A3_DK_GAZ-1011	471694,81	6097698,45	N				
PL112001-A3_DK_GAZ-1012	471763,23	6097685,37	N				
PL112001-A3_DK_GAZ-1016	472023,21	6097579,83	N				
PL112001-A3_DK_GAZ-1022	473336,74	6098968,01	N				
PL112001-A3_DK_GAZ-1028	473491,87	6098788,81	N				
PL112001-A3_DK_GAZ-1029	473457,04	6098738,33	Y	Fallen tree trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
PL112001-A3_DK_GAZ-1030	473524,66	6098811,66	N				
PL112001-A3_DK_GAZ-1037	473088,35	6097422,56	Y	Not found		Not found	
PL112001-A3_DK_GAZ-1042	474014,69	6098177,15	Y	Search is focused on the boulder instead of the linear anomaly visible in Blueview.	Not found	n/a	
PL112001-A3_DK_GAZ-1059	474869,35	6097889,66	N	Not found		Not found	



# Summary of all targets

# Appendix 1

**VIR file no 2813**

**Baltic Pipe, Danish Baltic, Anchor corridor**

PL112001-A3_DK_GAZ-1065	475447,36	6096575,55	Y	Not found		Not found	
PL112001-A3_DK_GAZ-1081	476746,53	6095516,35	Y	Huge boulder		Non-CHO	n/a
PL112001-A3_DK_GAZ-1082	475916,77	6094250,84	Y	Boulders		Non-CHO	n/a
PL112001-A3_DK_GAZ-1088	476056,29	6093798,21	Y	P-CHO. Seemingly evenly sized boulders Check video	Video shows a mound of boulders and cobbles, uneven sized, and pres gravel in between. Pres natural mound. Linear anomalies in teh area might be the fishing net caught on video.	Non-CHO	n/a
PL112001-A3_DK_GAZ-1095	477378,67	6092889,32	Y	Rock outcrops and boulders		Non-CHO	n/a
PL112001-A3_DK_GAZ-1096	477496,27	6092853,94	Y	Rock outcrop.		Non-CHO	n/a
PL112001-A3_DK_GAZ-1100	477654,95	6092898,29	Y	Boulders		Non-CHO	n/a
PL112001-A3_DK_GAZ-1101	477688,66	6093139,79	Y	Rock outcrop.		Non-CHO	n/a
PL112001-A3_DK_GAZ-1104	478736,27	6093667,59	Y	Rock outcrop.		Non-CHO	n/a
PL112001-A3_DK_GAZ-1111	479879,95	6092774,93	Y	Rock outcrop.		Non-CHO	n/a
PL112001-A3_DK_GAZ-1118	480305,76	6092767,53	N				
PL112001-A3_DK_GAZ-1119	480376,29	6092693,57	N				
PL112001-A3_DK_GAZ-1132	479936,02	6090853,40	Y	Clay formations		Non-CHO	n/a
PL112001-A3_DK_GAZ-1133	479951,76	6090813,28	Y	Clay formations		Non-CHO	n/a
PL112001-A3_DK_GAZ-955	469558,99	6100229,31	Y	Not found		Not found	n/a
PL112001-A3_DK_GAZ-956	469577,59	6100222,10	Y	Not found		Not found	n/a
PL112001-A3_DK_GAZ-974	469538,13	6098984,07	N				
PL112001-A3_DK_GAZ-982	470973,72	6099583,73	Y	Wooden object lodged under a boulder. P-CHO. Check video.	Video shows a wooden object, next to a boulder. Slightly bent with somewhat square cross section. Patches of marine growth. Pres part of floor timber, ships frame.	Assumed	50
PL112001-A3_DK_GAZ-992	471653,54	6099362,99	Y	Wooden pole, 11 m long. Mast? P-CHO. Check video	Video shows two wooden objects. One almost 1 meter long, very eroded, but one end is cut straight off, possible part of cargo, like firewood. The other object is cylindrical, one end is pointed, while other end is hidden in the sand. Patches of marine growth/mussels. No toolmarks, no holes but cracked in two places.. Timber or natural tree trunk? Or broken mast?	Non-CHO	n/a
PL112001-A3_DK_GAZ-993	471570,00	6099399,13	Y	Clay formations, plus wooden object. Check video	Video shows a wooden pole, half buried in sand. Possibly bark preserved on the side protected by sand. Pres fishing stake.	Non-CHO	n/a
PL112001-A3_DK_GAZ-994	471592,33	6099422,52	Y	Clay formations, plus wooden object. Check video	Video shows a wooden object, apart from the clay formation which is the target. Curved, in all less than 1 meter long. Pres natural wood.	Non-CHO	n/a
PL12001-A1_DK_GAZ-1394	324029,08	6117627,46	Y	Boulders of varying sizes		Non-CHO	n/a
PL12001-A1_DK_GAZ-1412	324738,30	6117182,21	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake.	Non-CHO	n/a
PL12001-A1_DK_GAZ-1420	325263,96	6117913,96	Y	Beam. Possible wreck part. Check video	Video shows a wooden or composite object, cirka 60 cm wide, pres modern debris	Non-CHO	n/a
PL12001-A1_DK_GAZ-1464	327107,23	6116787,25	Y	Wooden pole. Possible fishing stake. Check video.	Video shows a wooden pole, naturally curved. Pres fishing stake or tree trunk.	Non-CHO	n/a
PL12001-A1_DK_GAZ-1468	327234,68	6116478,05	Y	Wooden pole. Poss Fishing stake. Check video	Same as VIR_SSS_0216. Video shows a wooden pole, naturally curved. Pres fishing stake or tree trunk.	Non-CHO	n/a
PL12001-A1_DK_GAZ-1470	327551,67	6117193,16	Y	Wooden construction. Pres wreck part. Check video	Video shows part of a wreck resembling BP01_VIRSSS0007. These are situated some 150 meters from each other, pres they are parts of the same wreck. Dive 189	Assumed	50 meters radius based on wreck perimeter
PL12001-A1_DK_GAZ-1472	327661,93	6116131,15	N				
PL12001-A1_DK_GAZ-1474	327901,54	6116605,54	Y	Not found		Not found	n/a
PL12001-A1_DK_GAZ-1478	328355,70	6116140,25	Y	Wooden wreck, quite large, covered with ballast stones. Seemingly intact under the ballast. Dating not possible based on the images provided. Check video.		Assumed	200
PL12001-A1_DK_GAZ-1483	328447,03	6115961,63	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake. Same as VIR_SSS_0237	Non-CHO	n/a
PL12001-A1_DK_GAZ-1502	334246,20	6115013,16	Y	Clay or rock formation		Non-CHO	n/a
PL12001-A1_DK_GAZ-1504	334545,03	6115058,20	Y	Tree stump/root. Check video		Non-CHO	n/a
PL12001-A3_DK_GAZ-1172	489852,42	6083091,82	Y	Wooden object, one end is squared. Poss mast.	Video shows a wooden pole with only a little marine growth covering the surface. Pres part of tree trunk or cargo.	Non-CHO	n/a
PL12001-A3_DK_GAZ-1179	489957,06	6083929,45	Y	Not found		Not found	n/a
PL12001-A3_DK_GAZ-1185	490084,00	6084496,78	Y	Wooden object, square cross section with one hole. Other small objects present?	Video shows a wooden object, square cross section and slightly curved, pres. a ships frame element-futtock. One hole is visible. Both ends are split in half, one more than the other. Pres wreck part, dating not possible. Possibly smaller objects lying next to it, bolt? Same as PL12001-A3_DK_GAZ-1185	Assumed	50

# Summary of all targets

# Appendix 1

**VIR file no 2813**

**Baltic Pipe, Danish Baltic, Anchor corridor**

PL12001-A3_DK_GAZ-1186	490082,48	6084499,22	Y	Wooden object, square cross section with one hole. Other small objects present?	Video shows a wooden object, square cross section and slightly curved, pres. a ships frame element-futtock. One hole is visible. Both ends are split in half, one more than the other. Pres wreck part, dating not possible. Possibly smaller objects lying next to it, bolt? Same as PL12001-A3_DK_GAZ-1186	Assumed	50
PL12001-A3_DK_GAZ-1195	488655,74	6083567,75	Y	Rock/clay formation		Non-CHO	n/a
PL12001-A3_DK_GAZ-1197	489435,88	6084788,21	Y	Anchor	Video shows a bundle of rope wrapped around a small anchor. Pres modern debris.	Non-CHO	n/a
PL12001-A3_DK_GAZ-1198	488450,44	6083724,96	Y	Modern debris, sheet metal		Non-CHO	n/a
PL12001-A3_DK_GAZ-1199	488703,46	6084121,07	Y	Not found		Not found	n/a
PL12001-A3_DK_GAZ-1201	488270,47	6083689,88	N				
PL12001-A3_DK_GAZ-1205	488516,64	6085283,34	Y	Wooden object, poss mast.	Video shows a wooden pole with only a little marine growth covering the surface. Poor visibility making it hard to see any details or get an overview. Pres part of tree trunk (poss set in peat/gytje) or cargo.	Non-CHO	n/a
PL12001-A3_DK_GAZ-1208	487656,47	6084407,42	Y	Seabed feature is pres the anomaly		Non-CHO	n/a
PL12001-A3_DK_GAZ-1210	487600,54	6084523,15	Y	Tree trunk/root, stone age forest remains?		Non-CHO	n/a
PL12001-A3_DK_GAZ-1213	488171,41	6085682,47	Y	Wooden object	Video shows a tree trunk with root end. Possible set in some peat/gytje. Some meters away something is sticking out of the sand, poss treestump? One more poss peat/gytje patch was observed. Natural remain of stone age forest?	Non-CHO	n/a
PL12001-A3_DK_GAZ-1214	488000,74	6085520,93	Y	Pieces of wood, not worked.		Non-CHO	n/a
PL12001-A3_DK_GAZ-1215	487517,21	6085109,12	Y	Tree trunk/root, stone age forest remains?		Non-CHO	n/a
PL12001-A3_DK_GAZ-1216	488157,18	6085908,57	Y	Not found or modern debris.		Non-CHO	n/a
PL12001-A3_DK_GAZ-1217	488159,31	6085968,19	Y	Seabed feature is pres the anomaly		Non-CHO	n/a
PL12001-A3_DK_GAZ-1219	488178,24	6086042,16	Y	Not found		Not found	n/a
PL12001-A3_DK_GAZ-1220	487975,24	6085848,91	Y	Modern debris/bedrock outcrop		Non-CHO	n/a
PL12001-A3_DK_GAZ-1222	487162,56	6084891,19	Y	Seabed feature is pres the anomaly		Non-CHO	n/a
PL12001-A3_DK_GAZ-1225	487766,71	6085888,98	Y	Modern debris		Non-CHO	n/a
PL12001-A3_DK_GAZ-1228	487373,44	6086045,33	Y	Wooden object	Video shows wooden objects, poss a triangular construction. There seem to be a gytje/peat formation here, and several small wooden objects scattered about. There's modern debris present, a fishing net tangled with plastic, a rubber glove and a metal bucket.	Inconclusive	50
PL12001-A3_DK_GAZ-1229	487454,68	6086164,39	Y	Rock outcrop and debris.		Non-CHO	n/a
PL12001-A3_DK_GAZ-1230	487560,97	6086471,78	Y	Exposed rock or gytje		Non-CHO	n/a
PL12001-A3_DK_GAZ-1236	483809,25	6087785,73	Y	Tree trunk/root, stone age forest remains?		Non-CHO	n/a
PL12001-A3_DK_GAZ-1237	483497,89	6087977,32	Y	Not found		Not found	n/a
PL12001-A3_DK_GAZ-1239	483009,49	6088498,13	Y	Tree root, stone age forest remains?		Non-CHO	n/a
PL12001-A3_DK_GAZ-1257	484521,19	6089366,77	Y	Tree stump and fallen trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
PL12001-A3_DK_GAZ-1259	484332,32	6089408,15	Y	Fallen tree trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
PL12001-A3_DK_GAZ-1263	484139,94	6089383,80	Y	Fallen tree trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
PL12001-A3_DK_GAZ-1265	484092,45	6089615,86	Y	Wooden object	Video shows a sandy bottom with wooden fragments, and the target; a wooden pole, completely covered with marine growth/mussels. One end seem to be hollowed out.	Inconclusive	50
PL12001-A3_DK_GAZ-1266	483993,30	6089548,17	Y	Fallen tree trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
PL12001-A3_DK_GAZ-1267	484005,01	6089658,25	Y	Tree stump. Check video for flint? Poss stone age remains?		Non-CHO	n/a
PL12001-A3_DK_GAZ-1270	483767,21	6089710,03	Y	Tree stump. Check video for flint? Poss stone age remains?		Non-CHO	n/a
PL12001-A3_DK_GAZ-1275	483148,61	6090686,50	N				
PL12001-A3_DK_GAZ-1313	464919,15	6102785,79	Y	Possible ballast pile. P-CHO. Post ROV video comment: Different size rocks, possibly sitting on more or less exposed clay. Non-CHO		Non-CHO	n/a
PL12001-A3_DK_GAZ-1326	465790,29	6102724,92	Y	Wooden construction, in one image it looks quite eroded which could suggest a high age. P-CHO. Post ROV video comment: Poss part of a ships railing, dating not possible. Assumed CHO.	Video shows a wooden construction consisting of two boards joined together lengthwise, pres by iron fastenings. Angled iron object lying at one end, here are also a couple of iron concretions on the construction itself. One of the boards has a decorative line running along its side. Pres wreck part, but dating not possible.	Assumed	50
PL12001-A3_DK_GAZ-1327	466096,81	6102823,13	N				

# Summary of all targets

# Appendix 1

## VIR file no 2813 Baltic Pipe, Danish Baltic, Anchor corridor

PL12001-A3_DK_GAZ-1345	467011,12	6101613,68	Y	Metal beams, modern debris.		Non-CHO	n/a
PL12001-A3_DK_GAZ-1346	466985,25	6101675,03	Y	Wreck debris? P-CHO. Post ROV video comment: Metal beams, modern debris. Non-CHO	Wreck debris? P-CHO. Post ROV video comment: Metal beams, modern debris. Non-CHO	Non-CHO	n/a
PL12001-A3_DK_GAZ-1347	467030,12	6101657,98	Y	Metal beams, modern debris.		Non-CHO	n/a
PL12001-A3_DK_GAZ-1348	467044,24	6101705,93	Y	Wreck. Possibly wooden wreck carrying metal cargo. A poss rudder is seen in a couple of images.	Video shows an area strewn with wreck parts, and a central wreck area, there are lots of iron objects, but the wreck itself seems to be a wooden construction. Wooden rudder. A bunch of iron rods are standing upright, leaning against each other. I-beams can be seen. Pres a wooden ship, with cargo consisting of different iron beams, rods and plates.	Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)
PL12001-A3_DK_GAZ-1349	467138,10	6101790,15	Y	Metal debris modern.		Non-CHO	n/a
PL12001-A3_DK_GAZ-1360	468487,60	6101509,51	N				
PL12001-A3_DK_GAZ-1375	468836,48	6100826,52	Y	Wooden pole. P-CHO, check video	Video shows a wooden pole, naturally shaped, with patches of marine growth. Treetrunk or fishing stake.	Non-CHO	n/a
PL12001-A3_DK_GAZ-1386	468285,58	6099695,12	N				
PL12001-ACS-CSS-GS-GRAD-003014	318002,15	6118585,9	Y	Wooden wreck, completely broken up	A 50x50m area centred on the wreck was surveyed visually and using OAS. Furthermore, the four nearest re-evaluation sonar targets (2813-ChanceFind2-SSS0007, -0008, -0019 and -0036) were also inspected. Coherent wreck elements are preserved in a c. 7m long and 3m wide area. Loose elements are seen to the south and east hereof, meaning that the wreck occupies a roughly triangular area of seabed c. 12x13m. The wreck is thought to be the remains of a clinker-built eel drifter based on findings of the telltale perforated planks and a low bulkhead; both associated with the vessel's fish well. As such, the vessel is likely to have foundered more than 100 years ago, hence it is protected by the Museum Act. A large boulder c. 14 m west may be the cause of wreck during drift fishing.	Assumed	40 meters radius based on wreck perimeter
PL12001-ACS-CSS-GS-MBS-346258	321131,76	6118153,21	Y	N/A	Video shows a small mound, circa 1,2 m diameter. Some eroded wood seems to be in the mound. Poss. rooted treestump, sitting in exposed gytje. Non-CHO	Non-CHO	n/a
PL12001-ACS-CSS-GS-MBS-ST-003760	318883,77	6119252,31	Y	N/A	Video shows a 1,3 m long object. Pres debris. Non-CHO	Non-CHO	n/a
PL12001-ACS-CSS-KS-MAG-A1-200004	340713,1	6114034,67	Y	Wooden wreck with lots of objects lying in and around the wreck including p-UXO. Possibly <100years. Check video.	P-UXO turned out to be preassure tank, the vessel is pres >100 years.	Non-CHO	n/a
VIR_SSS_0200	324605,34	6117798,66	N				
VIR_SSS_0201	327785,27	6117070,66	Y	Wooden construction. Poss wreckparts. Check video	Same as BP01_VIRSSS0011. Video shows part of a wreck resembling BP01_VIRSSS0007. These are situated some 150 meters from each other, pres they are parts of the same wreck. Dive 189	Assumed	50 meters radius based on wreck perimeter
VIR_SSS_0202	325668,90	6117817,03	Y	Boulder		Non-CHO	n/a
VIR_SSS_0203	324547,55	6118085,27	Y	Not found		Not found	n/a
VIR_SSS_0204	324223,48	6117899,01	Y	Wreck, wooden construction. Dating not possible. Check video.VIR_SSS_0204 is the same target as identified in BP01_VIRSSS0071	From BALTIC PIPE, DANISH BALTIC SECTOR Screening of geophysical data and target inspections report: "Ship wreck, covering approx. 10x15 m, orientation N-S. Parts of wreck with 1-2 m elevation above seabed. Wooden shipwreck, relatively in good condition. The shipwreck is oriented NS. 13 m long, 7 m width. Several elements (frames, planks) are scattered around...Almost certainly old" Further observations: What at first looks like ballast stones is probably cargo, as they seem to be on top of some deck planks instead of all the way down on the inner planking, pres limestone. By the bow are remains of a windlass, and there are poss remains of two masts. Above the sediment the inner and outer planking is missing along the sides, but some is preserved in the bow and stern	Confirmed	Custom radius based on wreck perimeter. Digital version provided (shapefile)
VIR_SSS_0205	323980,08	6117769,20	Y	Not found		Not found	n/a
VIR_SSS_0206	327010,23	6116812,52	Y	Wooden pole. Possible fishing stake. Check video.	Video shows a wooden pole, naturally curved. Pres fishing stake or tree trunk.	Non-CHO	n/a
VIR_SSS_0209	325262,71	6117648,86	Y	Not found		Not found	n/a
VIR_SSS_0210	325228,73	6117641,32	Y	Boulder		Non-CHO	n/a
VIR_SSS_0211	325610,02	6116974,57	Y	Not found		Not found	n/a
VIR_SSS_0212	326111,23	6116635,75	N				
VIR_SSS_0213	327997,16	6116162,82	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved. Pres fishing stake or tree trunk.	Non-CHO	n/a
VIR_SSS_0215	323972,71	6117723,45	Y	Boulders		Non-CHO	n/a
VIR_SSS_0216	327227,53	6116477,02	Y	Wooden pole. Poss Fishing stake. Check video.	Same as PL12001-A1_DK_GAZ-1468. Video shows a wooden pole, naturally curved. Pres fishing stake or tree trunk.	Non-CHO	n/a
VIR_SSS_0217	324734,06	6117203,22	Y	Not found		Not found	n/a
VIR_SSS_0218	324672,01	6118173,29	N				
VIR_SSS_0219	324540,99	6117551,98	Y	Mound of stones. Possible ballast. Check video	Mound consisting of different sized rocks, boulders-cobbles.	Non-CHO	n/a
VIR_SSS_0221	324067,92	6117994,91	Y	Not found		Not found	n/a
VIR_SSS_0222	325290,31	6117597,50	Y	Same as BP01_VIRSSS0004. Images show mostly evely sized rocks. Possible ballast. Check video.	Video shows a mound of diffrenet size boulders, plus small boat, modern. Pres dredge spill	Non-CHO	n/a
VIR_SSS_0223	327681,92	6116839,94	Y	Not found		Not found	n/a
VIR_SSS_0224	327503,83	6116925,25	Y	Not found		Not found	n/a

# Summary of all targets

# Appendix 1

## VIR file no 2813 Baltic Pipe, Danish Baltic, Anchor corridor

VIR_SSS_0225	327383,60	6116914,94	Y	Wooden pole. Possible fishing stake. Check video.	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake.	Non-CHO	n/a
VIR_SSS_0226	330238,13	6116467,32	Y	Not found		Not found	n/a
VIR_SSS_0227	329019,09	6116671,41	Y	Not found		Not found	n/a
VIR_SSS_0228	325641,38	6117311,96	Y	Boulders		Non-CHO	n/a
VIR_SSS_0229	327597,40	6117014,53	Y	Wooden pole with one pointed end. Pres fishing stake.	Same as BP01_VIRSS0009	Non-CHO	n/a
VIR_SSS_0230	329598,12	6116752,22	Y	Not found		Not found	n/a
VIR_SSS_0231	327759,79	6117092,97	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake. Same as BP01_VIRSS0010	Non-CHO	n/a
VIR_SSS_0233	326050,01	6117520,66	Y	Not found.		Not found	n/a
VIR_SSS_0234	326479,30	6117445,28	Y	Boulder		Non-CHO	n/a
VIR_SSS_0235	328539,10	6117228,02	Y	Boulders		Non-CHO	n/a
VIR_SSS_0236	328338,78	6115981,86	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved. Pres fishing stake or tree trunk.	Non-CHO	n/a
VIR_SSS_0237	328447,19	6115966,83	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake. Same as PL12001-A1_DK_GAZ-1483	Non-CHO	n/a
VIR_SSS_0239	330490,36	6115599,79	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake.	Non-CHO	n/a
VIR_SSS_0241	328295,43	6116440,91	Y	Not found		Not found	n/a
VIR_SSS_0242	328203,88	6115917,91	Y	Wooden construction. Poss wreck part. Check video	Video shows a wooden construction sticking out of the sand. It looks like some heavy frames and planking. Part of PL12001-A1_DK_GAZ-1478? Somewhat similar to the BP01_VIRSS0007 "cluster" which is 1200 meters away...	Assumed	200
VIR_SSS_0243	327174,46	6116268,09	Y	Boulder		Non-CHO	n/a
VIR_SSS_0244	326596,69	6116434,23	Y	Boulder		Non-CHO	n/a
VIR_SSS_0245	326949,40	6116368,96	Y	Boulder		Non-CHO	n/a
VIR_SSS_0246	332784,00	6115177,10	Y	Not found		Not found	n/a
VIR_SSS_0247	332715,27	6115196,69	Y	Not found		Not found	n/a
VIR_SSS_0248	334287,27	6115002,15	Y	Rock/clay formations		Non-CHO	n/a
VIR_SSS_0249	334338,14	6116415,90	N				
VIR_SSS_0250	333752,77	6116465,28	N				
VIR_SSS_0251	333822,25	6116004,30	Y	Not found		Not found	n/a
VIR_SSS_0252	330488,70	6116564,85	Y	Not found		Not found	n/a
VIR_SSS_0253	333033,02	6116202,14	Y	Not found		Not found	n/a
VIR_SSS_0254	330935,09	6115612,91	Y	Not found		Not found	n/a
VIR_SSS_0255	330982,50	6115410,76	Y	Rope debris.		Non-CHO	n/a
VIR_SSS_0256	334129,49	6114999,73	Y	Not found		Not found	n/a
VIR_SSS_0257	334495,39	6115086,59	Y	Gytje formation? Check video.	Video shows gytje and pres rooted treestump.	Non-CHO	n/a
VIR_SSS_0261	324433,28	6116758,31	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0262	325861,19	6116377,71	N				
VIR_SSS_0263	324535,50	6116788,02	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0264	324754,96	6116733,64	Y	Boulder		Non-CHO	n/a
VIR_SSS_0265	324580,36	6116805,53	Y	Cable/wire		Non-CHO	n/a
VIR_SSS_0266	325393,00	6116789,60	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, lying with one end on top of a boulder or concrete block, it has an unnaturally even and cubelike shape. Pres fishing stake	Non-CHO	n/a
VIR_SSS_0267	325683,59	6116748,92	Y	Boulder		Non-CHO	n/a
VIR_SSS_0268	323577,91	6117474,04	Y	Wooden pole. Same as VIRSS0184. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0270	323963,49	6117353,20	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake.	Non-CHO	n/a
VIR_SSS_0271	323783,95	6117476,85	Y	Boulders		Non-CHO	n/a
VIR_SSS_0272	323962,32	6117374,70	Y	Wooden pole with one pointed end. Pres fishing stake.		Non-CHO	n/a
VIR_SSS_0273	324049,06	6117325,79	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, (perhaps 2) naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a

# Summary of all targets

# Appendix 1

## VIR file no 2813 Baltic Pipe, Danish Baltic, Anchor corridor

VIR_SSS_0274	324773,41	6117053,48	Y	Protruding wreckframes? Check video	Video shows two curved rows of rocks, shaped almost like a ships bow.	Non-CHO	n/a
VIR_SSS_0275	323596,14	6117604,38	Y	Wooden beam/construction. Possible wreckparts. Check video.	Video shows some wooden objects, with high degree of surface erosion. One of the objects is a rooted tree stump, remains of stone age forest.	Non-CHO	n/a
VIR_SSS_0276	324678,50	6117118,25	Y	Not found		Not found	n/a
VIR_SSS_0277	323902,34	6117514,22	Y	Wooden pole. Same as VIRSSS0173. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake.	Non-CHO	n/a
VIR_SSS_0278	325264,31	6117078,63	Y	Boulders		Non-CHO	n/a
VIR_SSS_0279	324763,05	6117205,20	Y	Boulder		Non-CHO	n/a
VIR_SSS_0280	324747,64	6117205,32	Y	Boulder		Non-CHO	n/a
VIR_SSS_0281	324742,04	6117158,19	Y	Not found		Not found	n/a
VIR_SSS_0282	324794,63	6117151,98	Y	Not found		Not found	n/a
VIR_SSS_0283	324735,67	6117163,72	Y	Not found		Not found	n/a
VIR_SSS_0284	324084,03	6117397,26	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, almost completely buried in the sand, naturally curved, suggesting fishing stake or tree trunk.	Non-CHO	n/a
VIR_SSS_0287	325896,81	6116366,36	N				
VIR_SSS_0289	326594,47	6116297,32	Y	Boulder		Non-CHO	n/a
VIR_SSS_0290	334424,13	6115217,15	Y	Not found		Not found	n/a
VIR_SSS_0291	335771,44	6116076,50	Y	Trawl/fishing net. Modern debris		Non-CHO	n/a
VIR_SSS_0292	338708,39	6115638,98	Y	Wooden pole. One pointed end. Pres Fishing stake		Non-CHO	n/a
VIR_SSS_0294	336359,37	6116146,83	Y	Boulders		Non-CHO	n/a
VIR_SSS_0295	334829,39	6114624,39	Y	Rope. Modern debris.		Non-CHO	n/a
VIR_SSS_0296	337023,92	6114958,84	Y	Not found		Not found	n/a
VIR_SSS_0297	336034,82	6115079,01	Y	Not found		Not found	n/a
VIR_SSS_0298	338019,03	6115027,62	Y	Wooden pole, one end pointed. Pres Fishing stake.		Non-CHO	n/a
VIR_SSS_0299	335637,15	6115533,74	Y	Tree trunk		Non-CHO	n/a
VIR_SSS_0300	338880,02	6114899,71	Y	Not found		Not found	n/a
VIR_SSS_0301	338928,22	6114892,47	Y	Not found		Not found	n/a
VIR_SSS_0302	334431,62	6115493,10	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0304	338917,21	6114185,99	N				
VIR_SSS_0305	336290,02	6114669,42	Y	Wooden pole. One pointed end. Pres fishing stake.		Non-CHO	n/a
VIR_SSS_0306	336823,34	6114692,47	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0307	336261,16	6114722,25	Y	Boulders		Non-CHO	n/a
VIR_SSS_0308	336247,22	6114769,74	Y	Boulders		Non-CHO	n/a
VIR_SSS_0309	342686,30	6115273,71	Y	Fishing net. Modern debris.		Non-CHO	n/a
VIR_SSS_0310	342768,42	6115030,97	Y	Not found		Not found	n/a
VIR_SSS_0311	342776,66	6115027,42	Y	Not found		Not found	n/a
VIR_SSS_0312	340486,36	6115349,88	Y	Wooden plank or pole plus debris. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0313	340421,75	6115581,68	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0314	341243,35	6114686,56	Y	Wooden pole with pointed end. Pres. Fishing stake		Non-CHO	n/a
VIR_SSS_0315	341178,04	6114686,45	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0316	341206,36	6114848,74	Y	Boulders		Non-CHO	n/a



# Summary of all targets

# Appendix 1

## VIR file no 2813 Baltic Pipe, Danish Baltic, Anchor corridor

VIR_SSS_0317	341179,46	6114832,35	Y	Boulders		Non-CHO	n/a
VIR_SSS_0318	343334,77	6114265,89	Y	Wooden pole with pointed end. Pres. Fishing stake		Non-CHO	n/a
VIR_SSS_0319	341435,56	6114528,24	Y	Modern mast plus wooden pole. Check video for evaluation of the pole.	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0320	343657,15	6114528,68	Y	Boulders		Non-CHO	n/a
VIR_SSS_0321	348869,25	6114503,18	Y	Wooden pole. One pointed end. Pres Fishing stake		Non-CHO	n/a
VIR_SSS_0322	344872,03	6115020,43	Y	Boulders		Non-CHO	n/a
VIR_SSS_0323	348059,54	6114690,08	Y	Wooden beam, no visible fastenings in the report provided, slightly curved.	Wooden beam or board. Poss frame or planking timber	Inconclusive	50
VIR_SSS_0324	344233,89	6115157,86	Y	Wooden pole. Poss. Fishing stake. Check video.	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0325	344296,92	6115240,22	Y	Wooden pole with pointed end. Pres. Fishing stake		Non-CHO	n/a
VIR_SSS_0326	345042,62	6115086,31	Y	Wooden pole. One pointed end. Pres Fishing stake		Non-CHO	n/a
VIR_SSS_0327	343995,71	6115049,13	Y	Wooden pole. Poss. Fishing stake. Check video.	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0330	348933,68	6115100,28	N				
VIR_SSS_0331	349541,00	6114891,20	Y	Wooden pole. Poss Fishing stake. Check video	Video shows two wooden poles, naturally curved. Pres fishing stakes or tree trunks.	Non-CHO	n/a
VIR_SSS_0332	345911,61	6114221,15	Y	Wooden pole. One pointed end. Pres Fishing stake		Non-CHO	n/a
VIR_SSS_0333	348971,76	6113672,03	Y	Wooden pole. One pointed end. Pres fishing stake		Non-CHO	n/a
VIR_SSS_0334	344673,87	6113921,92	Y	Wooden pole with pointed end. Pres. Fishing stake		Non-CHO	n/a
VIR_SSS_0335	351730,27	6114182,20	Y	Wooden pole. One pointed end. Pres fishing stake		Non-CHO	n/a
VIR_SSS_0337	349159,30	6114681,01	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved, pres. fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0338	352332,88	6114056,85	Y	Metal pipe. Located 100 meters from wreck system# 184008 (1893) and 200 meters from wreck system# 184984 (1923). 184984 was loaded with iron debris. 184008 was a steam ship. Pres the pipe comes from one of these ships.		Assumed	50
VIR_SSS_0339	352177,31	6114094,60	Y	Wreck. Check video.		Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)
VIR_SSS_0340	348913,67	6114621,19	Y	Not found		Not found	n/a
VIR_SSS_0341	352320,93	6114726,48	N				
VIR_SSS_0342	351508,23	6114512,71	Y	Wooden polewith rope tied around it. Poss Fishing stake or wreck part. Check video	Video shows a wooden pole, naturally curved with a rope tied around it in one end. Pres. Fishing stake	Non-CHO	n/a
VIR_SSS_0343	349765,96	6114902,06	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved, half buried in sediment. Pres. Fishing stake	Non-CHO	n/a
VIR_SSS_0344	352880,42	6114637,98	N				
VIR_SSS_0345	350856,19	6113843,16	Y	Anchor. Wooden stock. Flukes and crown missing.		Assumed	50
VIR_SSS_0346	352597,43	6113279,44	Y	Boulder		Non-CHO	n/a
VIR_SSS_0348	348919,27	6115129,09	N				
VIR_SSS_0349	348929,96	6115129,80	N				
VIR_SSS_0350	353318,95	6112671,21	N				
VIR_SSS_0351	350585,13	6113232,45	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIR_SSS_0352	350387,21	6113164,74	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved. Pres fishing stake or tree trunk.	Non-CHO	n/a
VIR_SSS_0353	350957,91	6113233,74	Y	Wooden pole. Poss Fishing stake. Check video	Video shows a wooden pole, naturally curved. Pres fishing stake or tree trunk.	Non-CHO	n/a
VIR_SSS_0354	358109,40	6113652,20	Y	Metal debris. Possible wreck debris		Assumed	25 meters radius based on wreck perimeter. Digital version provided (shapefile)
VIR_SSS_0355	354733,25	6113119,88	Y	Wooden pole or beam. Check video.	Video shows a wooden pole, naturally curved, half buried in sediment. Pres. Fishing stake	Non-CHO	n/a
VIR_SSS_0356	354950,38	6112978,26	Y	Wooden pole. One pointed end. Pres fishing stake.		Non-CHO	n/a
VIR_SSS_0358	356671,08	6112434,58	N				
VIR_SSS_0359	362788,64	6113366,89	Y	Not found		Not found	n/a
VIR_SSS_0360	362569,37	6113900,29	N				



# Summary of all targets

# Appendix 1

## VIR file no 2813 Baltic Pipe, Danish Baltic, Anchor corridor

VIR_SSS_0361	360288,98	6112976,00	Y	Same as M-806-0002-NHP		Assumed	25 meters radius based on wreck perimeter. Digital version provided (shapefile)
VIRSSS_5001	488988,44	6083229,61	Y	Not found		Not found	n/a
VIRSSS_6315	488645,45	6083507,79	Y	Seabed depression is pres the anomaly		Non-CHO	n/a
VIRSSS_6321	482680,02	6088702,79	Y	Fallen tree trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
VIRSSS_6324	487814,20	6085553,51	Y	Exposed rock or gytje		Non-CHO	n/a
VIRSSS_6325	487824,74	6085533,33	Y	Seabed scar is pres the anomaly		Non-CHO	n/a
VIRSSS_6327	484027,27	6089622,30	Y	Tree stump and fallen trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
VIRSSS_6328	484040,89	6089712,26	Y	Fallen tree trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
VIRSSS_6329	464223,39	6101739,85	Y	Inconclusive. Wooden pole with some rope tied around it. Pres. Mast. P-CHO. Post ROV video comment: Wooden pole, one end looks slightly squared, the other worn or split halfway. Smooth surface, at least two holes. Rope has worn down the surface to some extent. Rope from natural fibre. Dating not possible. Assumed CHO.	Video shows a wooden pole slightly covered by marine growth. The surface is quite eroded, leaving twigs from cut off branches standing out. There's a rope tied around the pole toward one end, seemingly from natural fibre. Close to the rope there's a hole through the pole, after this, the pole seems partly split. What is left of the end is cut straight off. The other end is somewhat squared. Pres mast, but dating not possible.	Assumed	50
VIRSSS_6330	464980,99	6103031,26	Y	Boulder.		Non-CHO	n/a
VIRSSS_6332	478489,17	6093915,79	N				
VIRSSS_6333	473330,50	6098929,98	N				
VIRSSS_6334	473352,93	6098941,33	N				
VIRSSS_6335	479441,73	6091797,44	Y	Fallen tree trunk. Check video for flint? Poss stone age remains?		Non-CHO	n/a
VIRSSS0025	318905,89	6119304,45	Y	Pres. fishing stake		Non-CHO	n/a
VIRSSS0027	319365,81	6119212,81	Y	Construction? Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole, partly covered by marine growth. It has some natural curves, pres. a fishing stake or natural tree trunk.	Non-CHO	n/a
VIRSSS0029	319542,82	6119301,66	Y	Wooden object, fishing stake?	Video shows a linear or angled object, almost completely buried in the sediment, and what sticks out is covered in marine growth/mussels.	Inconclusive	50
VIRSSS0030	320102,58	6119168,41	Y	Wooden object. Check video	Video shows a linear or angled linear object, half buried in the sediment, what sticks out is covered in marine growth/mussels.	Inconclusive	50
VIRSSS0031	320060,51	6119207,32	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows a wooden pole with a pointed end and natural curves, pres. fishing stake.	Non-CHO	n/a
VIRSSS0032	320584,24	6119150,51	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows a wooden pole, covered with marine growth/mussels. Size and shape suggest fishing stake.	Non-CHO	n/a
VIRSSS0033	319916,09	6119387,26	Y	Not found		Not found	n/a
VIRSSS0034	320598,63	6119200,10	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows a wooden pole, covered with marine growth/mussels. Size and shape suggest fishing stake.	Non-CHO	n/a
VIRSSS0035	320052,78	6119369,27	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows (at least) three wooden poles, partly buried in sediment, partly covered by marine growth. Size and shape suggest fishing stakes.	Non-CHO	n/a
VIRSSS0036	320300,23	6119320,36	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows two wooden boards or beams , half buried in sediment and covered in marine growth/mussels. Poss wreck parts	Inconclusive	50
VIRSSS0037	319440,51	6119582,90	Y	Wooden object, fishing stake?	Video shows a wooden pole, partly covered in marine growth. It has some natural curves, pres. a fishing stake or natural tree trunk.	Non-CHO	n/a
VIRSSS0038	319002,33	6119647,64	Y	Not found		Not found	n/a
VIRSSS0039	319061,99	6119603,76	Y	Not found		Not found	n/a
VIRSSS0040	320756,36	6119272,37	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows a wooden pole, covered with marine growth/mussels. Size and shape suggest fishing stake.	Non-CHO	n/a
VIRSSS0041	319704,52	6119576,10	Y	Wooden object, fishing stake?	Video shows a wooden pole, lying on the bottom, plus part of a vertical pole, both almost completely covered by marine growth. The horizontal pole has some natural curves, pres. a fishing stake or natural tree trunk. The vertical pole may be the base of the fishing stake, or the rooted stump.	Non-CHO	n/a
VIRSSS0063	318607,27	6118825,04	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole next to a boulder, partly covered with marine growth. The visibility is ok, size and shape suggest a fishing stake.	Non-CHO	n/a

# Summary of all targets

# Appendix 1

**VIR file no 2813**

**Baltic Pipe, Danish Baltic, Anchor corridor**

VIRSSS0066	321004,24	6118184,05	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows a linear object buried in the sediment with marine growth on top of that. Additional wooden objects are located some 10 m north of the target. Poss wreck part/s. Alternatively stone age forest remains with patches of peat/gytje.	Inconclusive	50
VIRSSS0067	318144,64	6118881,75	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	Video shows a wooden pole covered with marine growth. The visibility is very poor, making it difficult to see details or get a good overview.	Inconclusive	50
VIRSSS0072	318369,83	6118648,63	Y	Wooden object. Images provided are lacking detail=not useful for CHO assessment.	The video shows an object almost completely buried in the sediment. What is sticking out is covered in marine growth. Almost zero visibility.	Inconclusive	50
VIRSSS0073	318983,58	6118555,69	Y	Images provided are lacking detail=not useful for CHO assessment.	The video shows clay or rock covered with marine growth. Seabed features is pres the anomaly.	Non-CHO	n/a
VIRSSS0075	319285,74	6118361,43	Y	Cable/wire		Non-CHO	n/a
VIRSSS0076	319249,56	6118359,67	Y	Cable/wire		Non-CHO	n/a
VIRSSS0090	318758,69	6118786,60	Y	Boulder		Non-CHO	n/a
VIRSSS0092	318454,87	6118826,54	Y	Cable or wire.		Non-CHO	n/a
VIRSSS0094	318539,28	6118753,85	Y	Images provided are lacking detail=not useful for CHO assessment.	The video shows an object almost completely buried in the sediment. What is sticking out is covered in marine growth.	Inconclusive	50
VIRSSS0099	319798,86	6119089,65	Y	Wooden object, fishing stake?	Video shows a wooden pole with natural curves, pres. fishing stake.	Non-CHO	n/a
VIRSSS0100	319956,09	6119079,06	Y	Wooden object, fishing stake?	Video shows a wooden pole with natural curves, pres. fishing stake.	Non-CHO	n/a
VIRSSS0101	320800,91	6118892,91	Y	Wooden pole/s. Poss fish stakes. Check video	Video shows a wooden pole, covered with marine growth/mussels. Size and shape suggest fishing stake.	Non-CHO	n/a
VIRSSS0102	319480,62	6119277,27	Y	Wooden object, fishing stake?	Video shows a wooden pole, almost completely covered by marine growth. It has some natural curves, pres. a fishing stake or natural tree trunk.	Non-CHO	n/a
VIRSSS0111	321761,21	6118624,42	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden pole, covered with marine growth/mussels. Size and shape suggest fishing stake.	Non-CHO	n/a
VIRSSS0112	322038,18	6118536,33	Y	Uniform boulders? Check video.	Video shows a low ridge of quite uniform sized boulders. Pres natural.	Non-CHO	n/a
VIRSSS0113	322563,87	6118512,34	Y	Boulder		Non-CHO	n/a
VIRSSS0114	323277,98	6118393,36	Y	Not found		Not found	n/a
VIRSSS0115	323438,86	6118385,07	Y	Piece of rope. Modern debris.		Non-CHO	n/a
VIRSSS0116	324086,00	6118356,14	Y	Boulder, plus wooden pole with pointed end. Pres fishing stake.		Non-CHO	n/a
VIRSSS0117	322937,17	6118628,87	Y	Not found		Not found	n/a
VIRSSS0118	321804,96	6118907,21	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden pole, covered with marine growth/mussels. Size and shape suggest fishing stake.	Non-CHO	n/a
VIRSSS0119	322848,11	6118676,28	Y	Not found		Not found	n/a
VIRSSS0120	323088,45	6118677,42	Y	Boulder		Non-CHO	n/a
VIRSSS0121	321480,05	6119051,60	Y	Not found		Not found	n/a
VIRSSS0122	321991,35	6118889,24	Y	Boulder		Non-CHO	n/a
VIRSSS0124	323471,36	6118615,04	Y	Not found		Not found	n/a
VIRSSS0125	321932,71	6118979,34	Y	Not found		Not found	n/a
VIRSSS0126	321288,15	6119138,28	Y	Boulder		Non-CHO	n/a
VIRSSS0127	322376,46	6118886,76	Y	Boulder, trench and wooden pole. Poss. Fishing stake. Check video	Video shows a large boulder and next to it, a wooden pole. Its size, shape and pointed end suggest a fishing stake.	Non-CHO	n/a
VIRSSS0129	323063,73	6118730,95	Y	Not found		Not found	n/a
VIRSSS0130	322964,23	6118747,18	Y	Not found		Not found	n/a
VIRSSS0131	322968,88	6118776,76	Y	Not found		Not found	n/a
VIRSSS0132	322989,78	6118750,29	Y	Not found		Not found	n/a
VIRSSS0133	322889,73	6118800,37	Y	Not found		Not found	n/a
VIRSSS0135	323012,58	6118768,90	Y	Not found		Not found	n/a
VIRSSS0145	323814,60	6118119,88	Y	Not found		Not found	n/a
VIRSSS0173	323901,47	6117513,93	Y	Wooden pole. Same as VIR_SSS_0277. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake.	Non-CHO	n/a
VIRSSS0179	322155,56	6117852,41	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a tree trunk, half buried in sediment, and covered with marine growth. Poss stone age forest remains, as there seem to be additional trunks in the area, plus pres peat/gytje outcrops.	Non-CHO	n/a
VIRSSS0180	323791,70	6117522,57	Y	Wooden pole. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved and seemingly pointed end. Pres fishing stake.	Non-CHO	n/a
VIRSSS0181	322204,48	6117828,05	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a several tree trunks, half buried in sediment, and covered with marine growth. Poss stone age forest remains, as there seem to be peat/gytje outcrops and poss also rooted treestumps in the area.	Non-CHO	n/a
VIRSSS0182	322284,11	6117831,64	Y	Not found		Not found	n/a





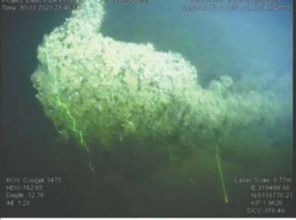
# Summary of all targets

# Appendix 1

## VIR file no 2813 Baltic Pipe, Danish Baltic, Anchor corridor




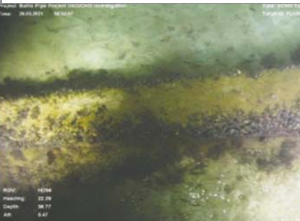


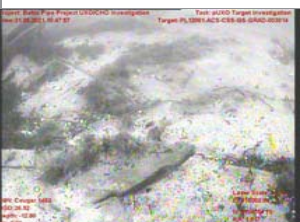
VIRSSS0183	322588,28	6117710,48	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a wooden log, pres tree trunk, half buried in sediment.	Non-CHO	n/a
VIRSSS0184	323574,44	6117475,25	Y	Wooden pole. Same as VIR_SSS_0268. Possible fishing stake. Check video	Video shows a wooden pole, naturally curved, suggesting fishing stake or natural trunk.	Non-CHO	n/a
VIRSSS0185	322355,65	6117740,91	Y	Rooted tree stump. Remains of stone age forest. Check video		Non-CHO	n/a
VIRSSS0186	322370,35	6117723,34	Y	Rooted tree stump. Remains of stone age forest. Check video		Non-CHO	n/a
VIRSSS0187	322392,88	6117690,73	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a tree trunk, half buried in sediment, and covered with marine growth. Poss stone age forest remains, as there seem to be additional trunks in the area, plus pres peat/gytje outcrops.	Non-CHO	n/a
VIRSSS0188	322366,35	6117698,85	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows several tree trunks lying in the same direction. Pres stone age forest remains.	Non-CHO	n/a
VIRSSS0189	322433,40	6117671,07	Y	Not found	Video shows an area full of rooted tree stumps, fallen tree trunks etc.	Non-CHO	n/a
VIRSSS0190	321945,91	6117789,71	Y	Not found		Not found	n/a
VIRSSS0191	321662,93	6117814,20	Y	Wooden poles/logs. Check video	Video shows a several tree trunks, half buried in sediment, and covered with marine growth. Poss stone age forest remains, as there seem to be peat/gytje outcrops and poss also rooted treestumps in the area.	Non-CHO	n/a
VIRSSS0192	322352,65	6117603,91	Y	Wooden board or pole. Poss. Fishing stake. Check video	Video shows a wooden log, poss tree trunk, half buried in sediment, but without marine growth covering at least half of it. The surface is worn off, exposing the inside of the log with its twigs. Poss rooted tree stumps in the area.	Non-CHO	n/a
VIRSSS0193	322214,48	6117619,44	Y	Wooden pole. Poss. Fishing stake. Check video	Video shows a tree trunk, half buried in sediment, and covered with marine growth. Poss stone age forest remains, as there seem to be peat/gytje outcrops in the area.	Non-CHO	n/a
VIRSSS0194	323437,46	6117356,52	Y	Fishing net/rawl.		Non-CHO	n/a
VIRSSS0195	321410,59	6119036,37	Y	Not found		Not found	n/a
VIRSSS0196	321474,36	6119067,97	Y	Not found		Not found	n/a
BP_KP217-239_0021	490275.29	6047731.56	N	Seabed cavity. Anything in there?			
BP_KP217-239_0024	490746.82	6047731.56	N	Wreck debris?			
BP_KP217-239_0025	490763.37	6047220.00	N	Wreck debris?			
BP_KP217-239_0050	490789.33	6044260.03	N	Part of the anomaly looks like the bow of a ship.			
VIR_SSS_0009	491795.95	6044767.33	N	Circular depression			
VIR_SSS_0014	492027.17	6046213.42	N	21 meters long linear object. Mast?			

Baltic Pipe, Danish Baltic, Anchor corridor









Name	SSS Description	SSS Object type	SSS Target Length	SSS Target Width	SSS Target Height	Easting	Northing	Elevation	KP	COMPANY PRELIMINARY TARGET ASSESSMENT	VIKING SHIP MUSEUM ASSESSMENT (Preliminary, based on TIR)	VIKING SHIP MUSEUM ASSESSMENT (Fina, based on TIR & ROV Video)	CHO status (Final, based on TIR & Video)	2nd gen Ex zone (Final, based on TIR & Video)	Image taken from TIR
BP01_VIRSSS0007						327431,35	6117097,54	-11,92	11,091	Possible fragements of a large wooden wreck	Part of wooden hull lying on top of the sandy bottom. Frames are kept in place by one longitudinal timber. Dating not possible based on the images provided. Check video.	Video shows part of a wreck resembling PL12001-A1_DK_GAZ-1470. These are situated some 150 meters from each other, pres they are parts of the same wreck.	Assumed	50 meters radius based on wreck perimeter	
BP01_VIRSSS0044						318833,57	6119011,24	-13,82	2,241	CHO / Wooden wreck	Wreck, wooden construction. Dating not possible. Check video.	Video shows a wooden wreck embedded in seaweed and covered with marine growth. A couple of bricks (quite thin) are clearly visible on top of the seaweed, and in the aft part of the ship where the seaweed layer is thinner the brick cargo can be seen. They seem pressed up against the bulkhead toward the rear, perhaps a sign that the ship went down aft first. Bowpost is rising above the lower frame timbers. Deckbeams? are lying across the wreck, also visible in SSS. A wooden object is standing upright, slanting slightly, in the fore part of the ship, possible a windlass that has toppled over. Possible bulkheads. Stern has fallen out. Parts of the wreck seem to be spread out over a larger area, but the wreck itself is still well defined, and pres. fairly intact beneath the seaweed. The blueview is picking up a long object at some distance from the wreck (ca 20 m, ca east), however, this anomaly it seems, is not examined. The visibility is poor.	Assumed	Custom radius based on wreck perimeter. Digital version provided (shapefile)	
BP09_VIRSSS0023						489895,11	6083050,05	-39,58	182,076	potential CHO / linear object	Wooden construction	Video shows a wooden object, square cross section and just barely curved, with some hole visible. From one end there's a thinner beam sticking out, very poor visibility so hard to see any details. Pres wreck part, dating not possible.	Assumed	50	
BP09_VIRSSS0041	Linear object					489152,67	6083952,79	-36,74	180,923	potential CHO / linear object	Wooden object, curved, square cross section. Ships frame?	Video shows a wooden object, square cross section, and slightly curved, pres. a ships frame element-futtock. Pres wreck part, dating not possible.	Assumed	50	
PL112001-A1_DK_GAZ-121	Long pile of something, cirka 11x4 meters. Size consistent with ballast pile. Visible in Bathymetry	Debris	12,24	4,12	0,00	319426,76	6119416,13		2,696	pCHO / cobbles / ballast pile	Wreck. Ballast stones and wooden boards visible. Dating by the provided images not possible.	Video shows a mound of cobbles covered in marine growth/mussels. A brick or cut stone can be seen, pres. a wreck. Dating not possible. PL112001-A1_DK_GAZ-123 is situated 75 meters away, possibly they are related.	Assumed	50 meters radius based on wreck perimeter	
PL112001-A1_DK_GAZ-256	Linear and point object	Debris	8,28	0,20					18,494	potential CHO / debris / linear object	Wooden plank with holes and other construction details. Dating not possible. Check video	Video shows a wooden plank with holes and cut "grooves". Wreckpart.	Assumed	50	
						334746,01	6116268,14								
PL112001-A1_DK_GAZ-71	Linear object, slightly curved in the shape of a ships bow.	Wreck	5,84	2,57	1,02	318499,70	6118772,96		1,964	pCHO / Wooden boat	Wreck from small boat. Dating not possible from provided images.	Wooden wreck, stem is fairly intact. Starboard side seems mostly gone, while port side is visible for some part. Naturally eroded, or intently lowered to ensure safe passage over the wreck as the depth is only 12 meters. Possible match at first thought to be the schooner Else, which foundered in 1944. Not likely, as it was pulled off the ground east of Jylland and sailed again...	Assumed	50 meters radius based on wreck perimeter	



Baltic Pipe, Danish Baltic, Anchor corridor



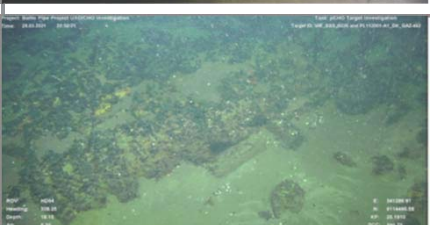
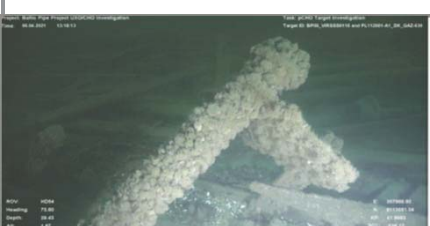



PL12001-A1_DK_GAZ-1470	Two liear objects, or one angled. Perhaps with ships frames. Visible in Bathymetry	Linear angled	3,23	4,60	0,93	327551,67	6117193,16		11,187	Possible fragements of a large wooden wreck	Wooden construction. Pres wreck part. Check video	Video shows part of a wreck resembling BP01_VIRSSS0007. These are situated some 150 meters from each other, pres they are parts of the same wreck. Dive 189	Assumed	50 meters radius based on wreck perimeter	
PL12001-A1_DK_GAZ-1478	Wreck, or maybe more possible, a container.Visible in Bathymetry	Wreck	27,60	6,66	4,41	328355,70	6116140,25		12,186	Wooden wreck	Wooden wreck, quite large, covered with ballast stones. Seemingly intact under the ballast. Dating not possible based on the images provided. Check video.		Assumed	200	
PL12001-A3_DK_GAZ-1185		Linear object	5,64	0,73	0,41	490084,00	6084496,78		181,267	pCHO / linear object	Wooden object, square cross section with one hole. Other small objects present?	Video shows a wooden object, square cross section and slightly curved, pres. a ships frame element-futtock. One hole is visible. Both ends are split in half, one more than the other. Pres wreck part, dating not possible. Possibly smaller objects lying next to it, bolt? Same as PL12001-A3_DK_GAZ-1186	Assumed	50	
PL12001-A3_DK_GAZ-1186		Linear object	5,19	0,61	0,24	490082,48	6084499,22		181,264	pCHO / linear object	Wooden object, square cross section with one hole. Other small objects present?	Video shows a wooden object, square cross section and slightly curved, pres. a ships frame element-futtock. One hole is visible. Both ends are split in half, one more than the other. Pres wreck part, dating not possible. Possibly smaller objects lying next to it, bolt? Same as PL12001-A3_DK_GAZ-1185	Assumed	50	
PL12001-A3_DK_GAZ-1326		Linear object	3,57	0,41	0,41	465790,29	6102724,92		150,803	non-CHO / debris	Wooden construction, in one image it looks quite eroded which could suggest a high age. P-CHO. Post ROV video comment: Poss part of a ships railing, dating not possible. Assumed CHO.	Video shows a wooden construction consisting of two boards joined together lenghtwise, pres by iron fastenings. Angled iron object lying at one end, here are also a couple of iron concretions on the construction itself. One of the boards has a decorative line running along its side. Pres wreck part, but dating not possible.	Assumed	50	
PL12001-A3_DK_GAZ-1348	Loose linear objects incl. in measurements. Vis. in MBES	Wreck	40,27	26,96	4,29	467044,24	6101705,93		152,386	Possible 20th century vessel, considerably broken up	Wreck. Possibly wooden wreck carrying metal cargo. A poss rudder is seen in a couple of images.	Video shows an area strewn with wreck parts, and a central wreck area, there are lots of iron objects, but the wreck itself seems to be a wooden construction. Wooden rudder. A bunch of iron rods are standing upright, leaning against each other. I-beams can be seen. Pres a wooden ship, with cargo consisting of different iron beams, rods and plates.	Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)	
PL12001-ACS-CSS-GS-GRAD-003014						318002,15	6118585,9		1,516	potential CHO	Wooden wreck, completely broken up	A 50x50m area centred on the wreck was surveyed visually and using OAS. Furthermore, the four nearest re-evaluation sonar targets (2813-ChanceFind2-SSS0007, -0008, -0019 and -0036) were also inspected. Coherent wreck elements are preserved in a c. 7m long and 3m wide area. Loose elements are seen to the south and east hereof, meaning that the wreck occupies a roughly triangular area of seabed c. 12x13m. The wreck is thought to be the remains of a clinker-built eel drifter based on findings of the telltale perforated planks and a low bulkhead; both associated with the vessel's fish well. As such, the vessel is likely to have foundered more than 100 years ago, hence it is protected by the Museum Act. A large boulder c. 14 m west may be the cause of wreck during drift fishing.	Assumed	40 meters radius based on wreck perimeter. Digital version provided (shapefile)	

Baltic Pipe, Danish Baltic, Anchor corridor









VIRSSS_6329		Linear object	15,88	0,72	0,24	464223,39	6101739,85		149,870	debris / linear object	Inconclusive. Wooden pole with some rope tied around it. Pres. Mast. P-CHO. Post ROV video comment: Wooden pole, one end looks slightly squared, the other worn or split halfway. Smooth surface, at least two holes. Rope has worn down the surface to some extent. Rope from natural fibre. Dating not possible. Assumed CHO.	Video shows a wooden pole slightly covered by marine growth. The surface is quite eroded, leaving twigs from cut off branches standing out. There's a rope tied around the pole toward one end, seemingly from natural fibre. Close to the rope there's a hole through the pole, after this, the pole seems partly split. What is left of the end is cut straight off. The other end is somewhat squared. Pres mast, but dating not possible.	Assumed	50	
BP06_Li01	Log, slightly bended, diameter 0.2 m, length 3.5 m, orientation W-E, heavily covered by seabed biology.					336245,62	6115524,51		20,071	non-CHO / mound no height	Wooden beam, slightly curved. Ships frame? Check video.	From report: Pres. stempost or frame element; almost entirely overgrown.	Assumed	50	
PL112001-A1_DK_GAZ-451	Linear plus boulder?	Linear object	12,06	0,20		340599,94	6115771,23		24,390	non-CHO / linear object / boulder	Wooden plank or pole. Check video	Video shows a wooden board/plank, with holes. Pres hull plank. Wreckpart	Assumed	50	
PL112001-A1_DK_GAZ-46	Liear object, 4 meters long. Visible in Bathymetry	Linear object	4,42	0,43	0,24	318142,70	6118893,81		1,589	Non-CHO / linear object / log	Wooden object. Seems square in images. P-CHO	Video shows a wooden object, beam or log, not completely straight but bent naturally or by hand. The size suggest it might be a wreck part, perhaps a futtock. The visibility is very poor, making it difficult to see details or get a good overview.	Assumed	50	
PL112001-A3_DK_GAZ-982	Smaller objects nearby. Vis. in MBES	Unknown	4,72	1,53	0,44	470973,72	6099583,73		156,852	non-CHO / linear object / boulder	Wooden object lodged under a boulder. P-CHO. Check video.	Video shows a wooden object, next to a boulder. Slightly bent with somewhat square cross section. Patches of marine growth. Pres part of floor timber, ships frame.	Assumed	50	
VIR_SSS_0201	Visible in Bathymetry	Linear object	8,73	0,44	1,99	327785,27	6117070,66		11,442	potential CHO / wooden debris	Wooden construction. Poss wreckparts. Check video	Same as BP01_VIRSSS0011. Video shows part of a wreck resembling BP01_VIRSSS0007. These are situated some 150 meters from each other, pres they are parts of the same wreck. Dive 189	Assumed	50 meters radius based on wreck perimeter	
BP01_VIRSSS0011						327790,76	6117071,56	-12,64	11,447	potential CHO / wooden debris	Wooden construction. Poss wreckparts. Check video	Same as VIR_SSS_0201. Video shows part of a wreck resembling BP01_VIRSSS0007. These are situated some 150 meters from each other, pres they are parts of the same wreck. Dive 189-192	Assumed	50 meters radius based on wreck perimeter	
VIR_SSS_0242	There are perhaps a few more linear obojects in the area. Vhis one visibel in Bathymetry	Linear object	6,58	0,60	0,79	328203,88	6115917,91		12,076	pCHO / Wooden debris	Wooden construction. Poss wreck part. Check video	Video shows a wooden construction sticking ot of the sand. It looks like some heavy frames and planking. Part of PL12001-A1_DK_GAZ-1478? Somewhat similar to the BP01_VIRSSS0007 "cluster" which is 1200 meters away...	Assumed	200	





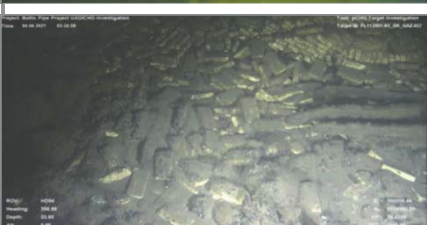

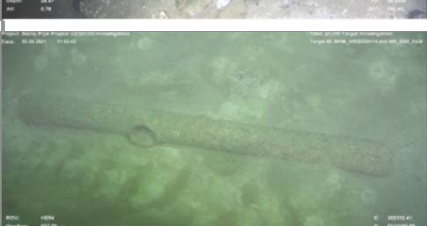

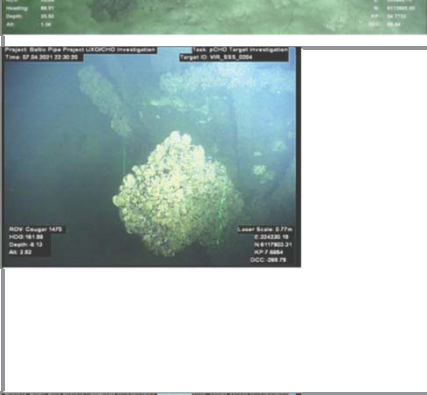
Baltic Pipe, Danish Baltic, Anchor corridor

M-806-0002-NHP	Wreck					360281,12	6112974,66		44,242	potential CHO / debris / linear object	Wooden construction plus some smaller objects. Possible wreck	Video shows parts of a wooden Construction. There is one long beam, some smaller timbers sticking out anlongside of it, and one knee standing upright. Only a small portion is visible, but chances are there is more buried in the sediment. In the MBES a depression is visible, and the objects are resting in the NW part. Perimeter is established based on ROV-video and MBES.	Assumed	25 meters radius based on wreck perimeter. Digital version provided (shapefile)	
VIR_SSS_0361	Half hidden linear obejct, visible in Bathymetry.	Linear object	10,49	0,12		360288,98	6112976,00		44,250	potential CHO / debris / linear object	Same as M-806-0002-NHP		Assumed	25 meters radius based on wreck perimeter. Digital version provided (shapefile)	
PL112001-A1_DK_GAZ-462	Visible in Bathymetry	Wreck	18,22	5,43		341296,46	6114489,76		25,198	21m long shipwreck, considerably broken up	Wooden wreck. Quite broken up, but many construction details still in place. Far between frames, inner planking, Brick cargo.	Video shows a wooden wreck, broken into two pieces. Ship seems carvel built. Stempost is standing up, but the planking has fallen out. Inner and outer planking visible. Far between frames (50cm?), frames are circa 15x15 cm, and poss double. The windlass seem to be sitting next to the wreck close to the stempost. There are anchors present. One of them seem to have an iron stock, but missing flukes. The other one looks smaller, and more shaped like a grapnel. The wreck is filled with yellow bricks; cargo. Its an considerable amount and underneath the wreck seem to be in good shape. There are wreck parts spread over the surveyed area. Perimeter is based mostly on ROV-Video, as the wreck is situated in a boulder field it is hard to make out wreck components in SSS and MBES images.	Assumed	50 meters radius based on wreck perimeter. Digital version provided (shapefile)	
PL112001-A1_DK_GAZ-630	Well defined wreck. Some wreckparts are scattered around the wreck, otherwise, it seems pretty intact.	Wreck	27,29	6,23		357971,92	6113674,88		41,872	Wooden Wreck same as BP06_VIRSSS0116	Wreck. Check video.	Video shows a wreck in quite a good shape. Some chain and rope are spread out to the east of the wreck, and to the south and west there is wooden components. It is entangled in fishing nets. It is likely that the fishing nets are the reason for the degradation of the wreck. Perimeter is based on ROV-Video, SSS and MBES images.	Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)	
BP06_VIRSSS0116	Wreck					357959,84	6113677,96		41,860	Wooden Wreck same as PL112001-A1_DK_GAZ-630	Wreck. Check video.	Video shows a wreck in quite a good shape. Some chain and rope are spread out to the east of the wreck, and to the south and west there is wooden components. It is entangled in fishing nets. It is likely that the fishing nets are the reason for the degradation of the wreck. Perimeter is based on ROV-Video, SSS and MBES images.	Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)	
BP06_VIRSSS0111	Wreck and scattered objects					348367,59	6114274,92		32,259	potential CHO / debris / linear object	Wooden wreck part. Straight, square cross section with cut out areas. Check video		Assumed	50	
VIR_SSS_0339	Well defined wreck. Pieces scattered around, but otherwise it seems to be very intact.	Wreck	22,11	5,96		352177,31	6114094,60		36,066	Wooden Wreck same as VIRSSS0118/VIRSSS0125	Wreck. Check video.	Video shows a wooden wreck. The main part of the wreck is covered by its iron cargo (rods), while wreck sides have fallen out and are spread around the central area. Single wreck components are spread out over the surveyed area. The windlass is located outside the wreck. Iron stock anchor is present. There seems to be parts of the wreck hidden in the sediment. Poss electrical cables in the wreck? Perimeter is based on ROV-Video, SSS and MBES images.	Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)	

Baltic Pipe, Danish Baltic, Anchor corridor




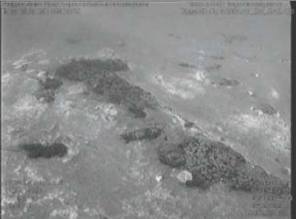
BP06_VIRSSS0118	Linear object; near wreck. BP06_Li10, L12					352169,40	6114080,40		36,060	Wooden Wreck same as BP06_VIRSSS0125/VIR_SSS_0339	Wreck. Check video.		Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)	
BP06_VIRSSS0125	Wreck					352181,02	6114109,44		36,068	Wooden Wreck same as BP06_VIRSSS0118/VIR_SSS_0339	Wreck. Check video.	Video shows a wooden wreck. The main part of the wreck is covered by its iron cargo (rods), while wreck sides have fallen out and are spread around the central area. Single wreck components are spread out over the surveyed area. The windlass is located outside the wreck. Iron stock anchor is present. There seems to be parts of the wreck hidden in the sediment. Poss electrical cables in the wreck. Perimeter is based on ROV-Video, SSS and MBES images.	Assumed	100 meters radius based on wreck perimeter. Digital version provided (shapefile)	
VIR_SSS_0354	Wreck parts from GAZ-630?	Wreck	2,73	0,44		358109,40	6113652,20		42,011	potential CHO / debris	Metal debris. Possible wreck debris	Video shows a number of metal objects, pres debris from the nearby wreck. Perimeter is based on ROV-Video, SSS and MBES images.	Assumed	25 meters radius based on wreck perimeter. Digital version provided (shapefile)	
BP06_VIRSSS0085	Linear object					336649,12	6115848,19		20,434	Admiralty pattern anchor - same as PL12002-CHO FR-PL112001-A1_DK_GAZ-350	Anchor. Wooden stock and quite wide heartshaped flukes. Well preserved and all parts in place.		Assumed	50	
PL112001-A1_DK_GAZ-350	Linear plus point object. Visible in Bathymetry	Linear object	3,61	0,40		336653,93	6115845,14		20,439	Admiralty pattern anchor - same as BP06_VIRSSS0085	Anchor. Wooden stock and quite wide spadeshaped flukes. Well preserved and all parts in place.		Assumed	50	
BP06_VIRSSS0119	Linear object. BP06_L13					352324,43	6114062,55		36,216	non-CHO / linear object / debris	Pipe, metal. Possibly wreck part or cargo from adjacent wrecks. Check video.		Assumed	50	
PL112001-A1_DK_GAZ-365	MMO. Anchor?	Anchor	4,37	0,60		337036,07	6114840,24		20,936	Admiralty pattern anchor	Anchor. Wooden stock and quite wide spadeshaped flukes. Well preserved, except for the stock being eroded.		Assumed	50	
PL112001-A1_DK_GAZ-561	Large anchor, probably with wood stock. Visible in Bathymetry	Anchor	3,85	4,58		344539,89	6113675,42		28,501	Probable 19th century anchor	Anchor. Wooden stock. Flukes missing? Quite well preserved and all parts in place.		Assumed	50	

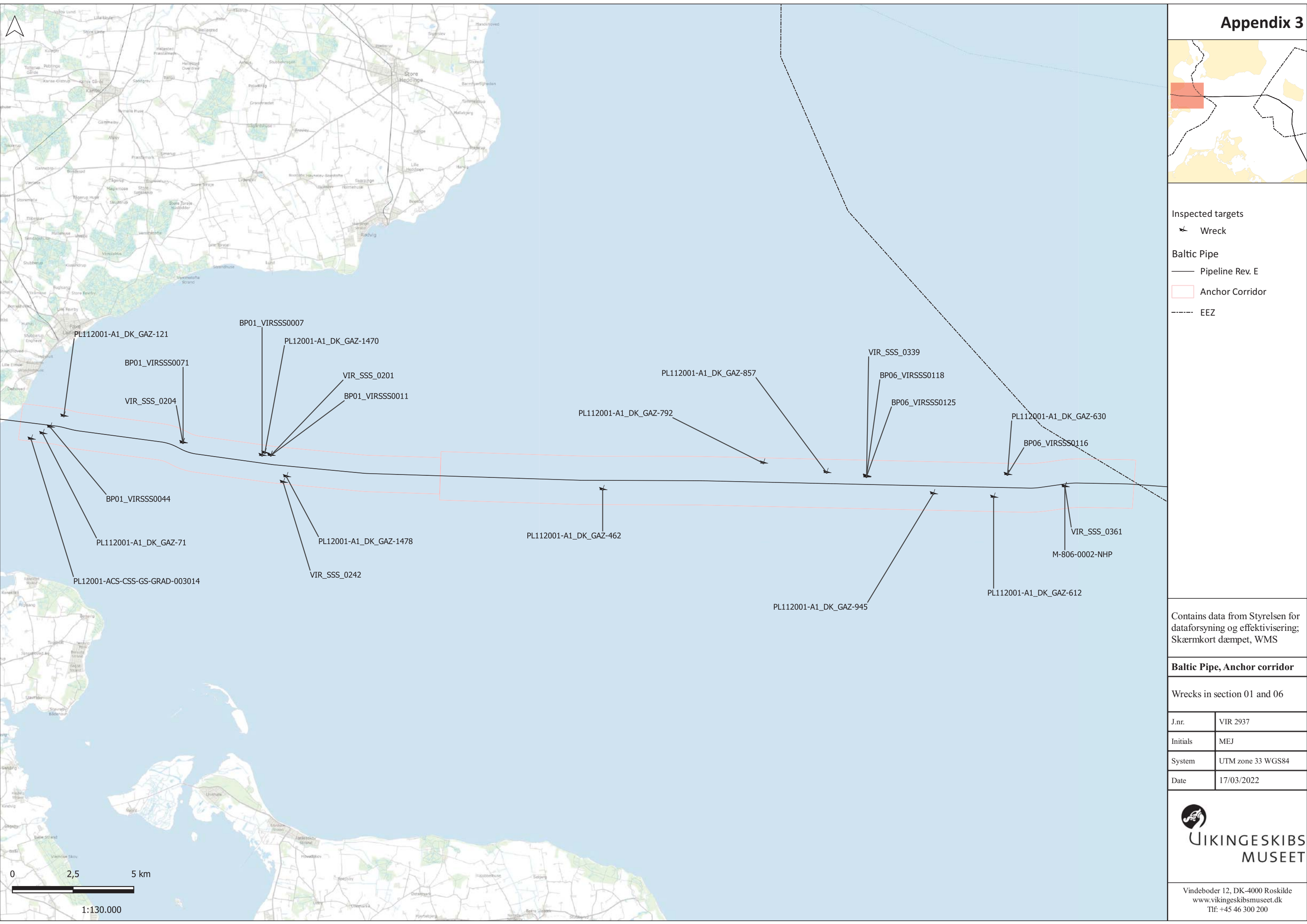
Baltic Pipe, Danish Baltic, Anchor corridor

PL112001-A1_DK_GAZ-612	Visible in Bathymetry	Mound	9,23	9,84		357320,92	6112792,80		41,320	Brick mound - possibly Danish provenance after 1700	Wrecksite. Wreck buried in the sediment, the main feature is the brick cargo of yellow bricks.		Assumed	200	
PL112001-A1_DK_GAZ-769	Visible in Bathymetry	Anchor	4,96	2,65		346375,58	6113523,93		30,360	Probable 19th century anchor	Anchor. Wooden stock and quite wide spadeshaped flukes. Well preserved, half the stock missing.		Assumed	50	
PL112001-A1_DK_GAZ-857	Visible in Bathymetry	Mound	6,17	5,22		350553,76	6114397,72		34,419	Shipwreck, largely broken up with brick cargo	Wooden wreck. Mostly buried in the sediment, the main feature is the brick cargo of yellow bricks lined up nicely.		Assumed	200	
PL112001-A1_DK_GAZ-945	Nice size for ballast mound. Visible in Bathymetry	Mound	14,37	3,78		354856,72	6113148,68		38,832	Wooden Wreck	Wreck. Check video.		Assumed	200	
VIR_SSS_0338	Wreck part from VIRSSS_0339? Visible in Bathymetry	Linear object	4,03	0,15		352332,88	6114056,85		36,225	non-CHO / linear object / debris	Metal pipe. Located 100 meters from wreck system# 184008 (1893) and 200 meters from wreck system# 184984 (1923). 184984 was loaded with iron debris. 184008 was a steam ship. Pres the pipe comes from one of these ships.		Assumed	50	
VIR_SSS_0345	Visible in Bathymetry	Anchor	5,53	3,10		350856,19	6113843,16		34,779	Probable 19th century anchor	Anchor. Wooden stock. Flukes and crown missing.		Assumed	50	
VIR_SSS_0204	Small boat. Visible in Bathymetry	Wreck	8,99	4,72	15,50	324223,48	6117899,01		7,682	CHO / Wooden wreck	Wreck, wooden construction. Dating not possible. Check video.VIR_SSS_0204 is the same target as identified in BP01_VIRSSS0071	From BALTIC PIPE, DANISH BALTIC SECTOR Screening of geophysical data and target inspections report: "Ship wreck, covering approx. 10x15 m, orientation N-S. Parts of wreck with 1-2 m elevation above seabed. Wooden shipwreck, relatively in good condition. The shipwreck is oriented NS. 13 m long, 7 m width. Several elements (frames, planks) are scattered around...Almost certainly old" Further observations: What at first looks like ballast stones is probabaly cargo, as they seem to be on top of some deck planks instead of all the way down on the inner planking, pres limestone. By the bow are remains of a windlass, and there are poss remains of two masts. Above the sediment the inner and outer planking is missing along the sides, but some is preserved in the bow and stern.	Confirmed	Custom radius based on wreck perimeter. Digital version provided (shapefile)	



Baltic Pipe, Danish Baltic, Anchor corridor

BP01_VIRSSS0071						324232,07	6117902,81	-11,00	7,687	CHO / Wooden wreck	VIR_SSS_0204 is the same target as identified in BP01_VIRSSS0071	<p>TIR notes: The wreck sits upright on a sandy seabed, has low relief (mostly standing &lt;2 m off the seabed) and is badly degraded. The outline of the wreck is best appreciated from the BlueView sonar and when viewed in this imagery the bow of the wreck would appear to be the NNE end. The wrecks wooden construction is best observed: at the bow and stern areas; the ribs rising out of the seabed along its flanks; and hull planks seen within the wreck at the bow and stern areas. The sides of the wreck are mostly missing and only represented by the remaining ribs. Sections of interior and exterior hull boards (clinker-clad?) remain close to the seabed at the bow. Most of the interior of the wreck is filled with cobble-sized objects.</p> <p>Little detail can be discerned within the body of the wreck due to the cobble-sized objects that fill the wreck and that themselves are covered with marine growth. However, a cylindrical wooden object poking vertically up through the middle of the wreck, slightly forward of the mid-point of the wreck might be the remains of a mast?</p> <p>Five isolated items of wooden debris were found surrounding the wreck with debris extending approximately 24 m from the wreck's centre.</p>	Assumed	Custom radius based on wreck perimeter. Digital version provided (shapefile)	
BP22_VIRSSS0003	Wooden (deck) beam; slightly curved; almost certainly old; wooden wreck					466662,11	6101484,02	-40,98	152,150	potential CHO / debris / linear object	Wooden beam, no visible fastenings in the report provided. P-CHO. Post ROV video comment: Slightly curved (deck) beam. CHO confirmed.	Wooden beam, no visible fastenings in the report provided. P-CHO. Post ROV video comment: Slightly curved (deck) beam. CHO confirmed.	Confirmed	50	
PL112001-A1_DK_GAZ-792	Well defined and quite large wreck. Some timbers are spread out by its sides, otherwise it seem pretty intact.	Wreck	53,40	23,72		347987,25	6115011,77		31,801	Probable 17th century Swedish or Danish galleon	Wooden wreck, very sturdy construction. Fairly intact. Several cannons. Anchor and masthead present.	Known and investigated wreck of swedish navy ship Birger Jarl	Confirmed	200	
PL112001-A1_DK_GAZ-123	Linear object, 4 meters long. Visible in Bathymetry	Linear object	3,97	0,82	0,04	319438,31	6119343,26		2,725	Non-CHO / linear object / log	Poss. Anchor. Images provided are lacking detail=not useful for CHO assessment.	Video shows a linear object, almost completely buried in the sediment, and what sticks out is covered in marine growth/mussels. In one end is either a couple of boulders, or the object is a angled construction. PL112001-A1_DK_GAZ-121 is situated 75 meters away, possibly they are related.	Inconclusive	TBC	



Contains data from Styrelsen for dataforsyning og effektivisering; Skærmkort dæmpet, WMS

**Baltic Pipe, Anchor corridor**

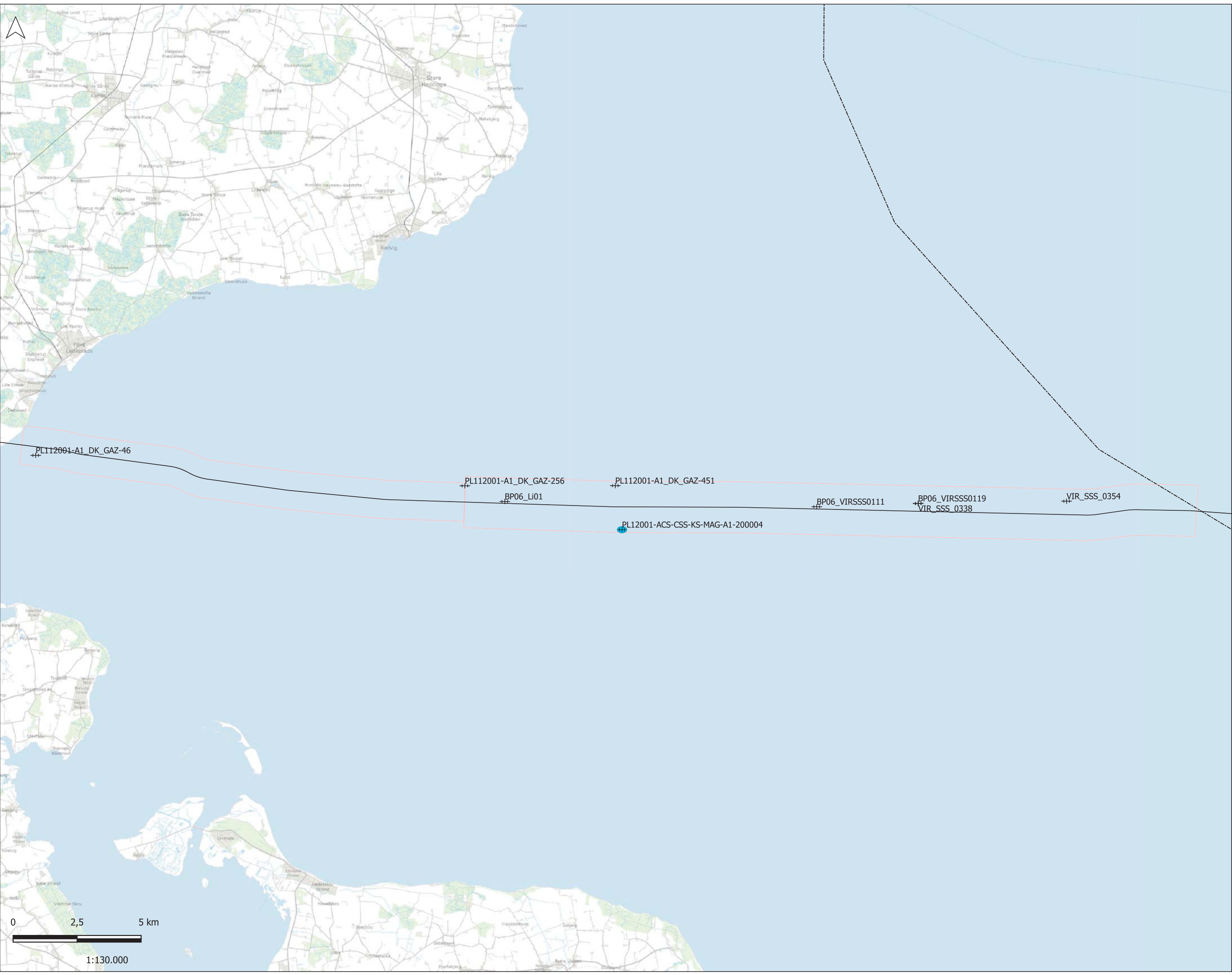
Wrecks in section 01 and 06

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Date	17/03/2022

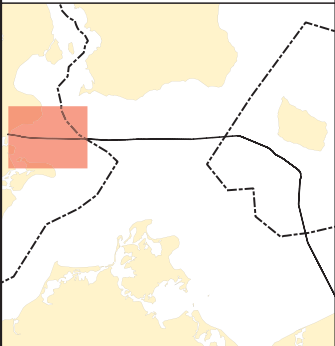


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Appendix 4



Inspected targets

- ++ Wreck part
- Wreck, Non-CHO

Baltic Pipe

- Pipeline Rev. E
- Anchor Corridor

; ontJins dJtJ from yt9relsen for dJtJ fors9ning og effektiviseringæ ykp rmkort dp maet, WE y

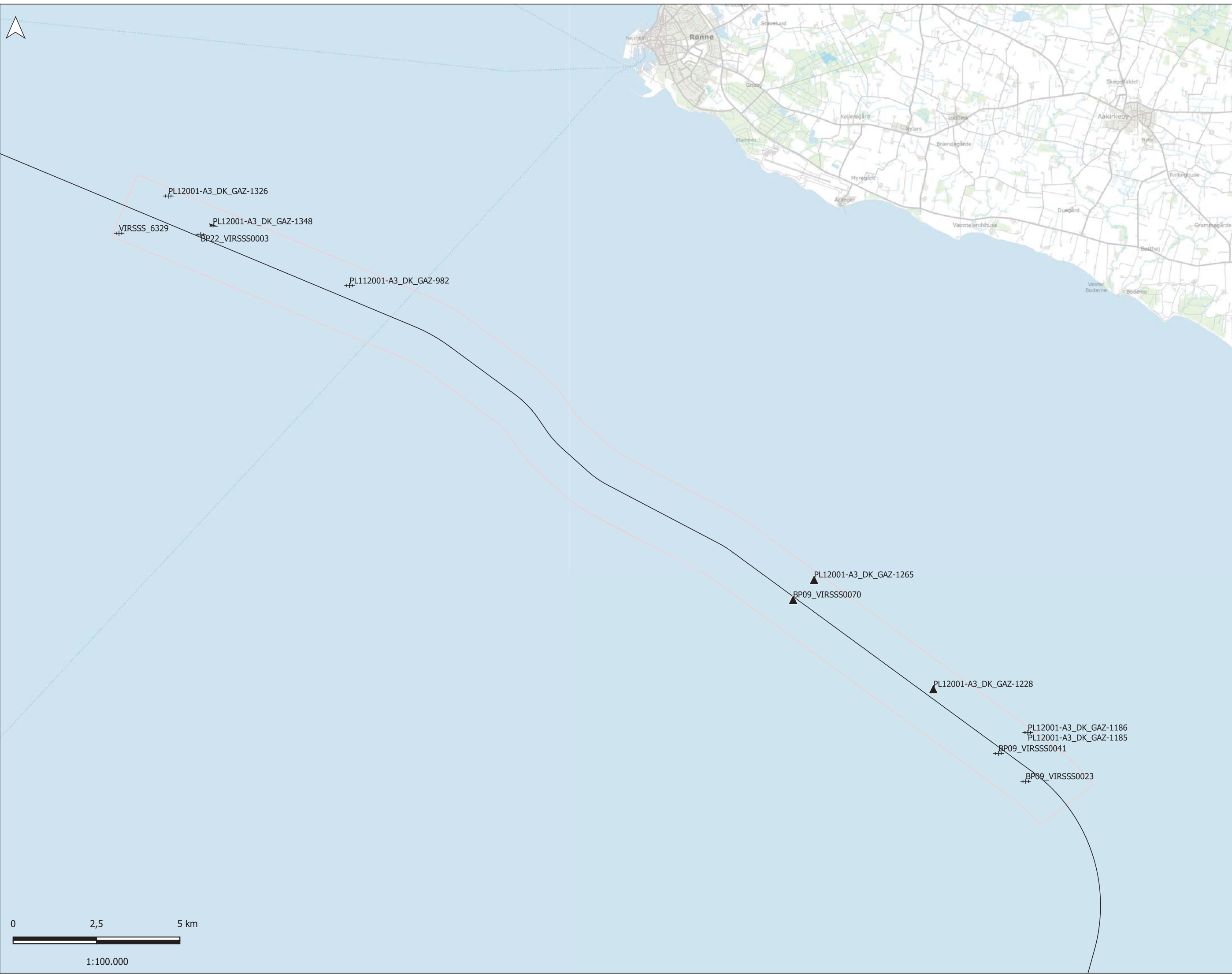
Baltic Pipe, Anchor corridor

Wreck aJrts in section 01 Jnd 06

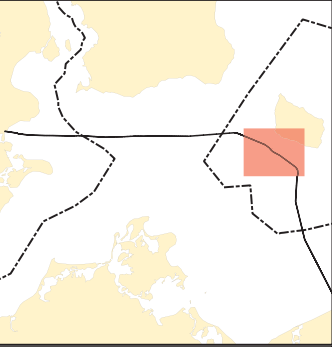
I.nr.	VSR 273M
ShitIJls	E UI
y9stem	z TE Gøne 33 W8 y/4
DJte	1M03Q2022



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Appendix 5



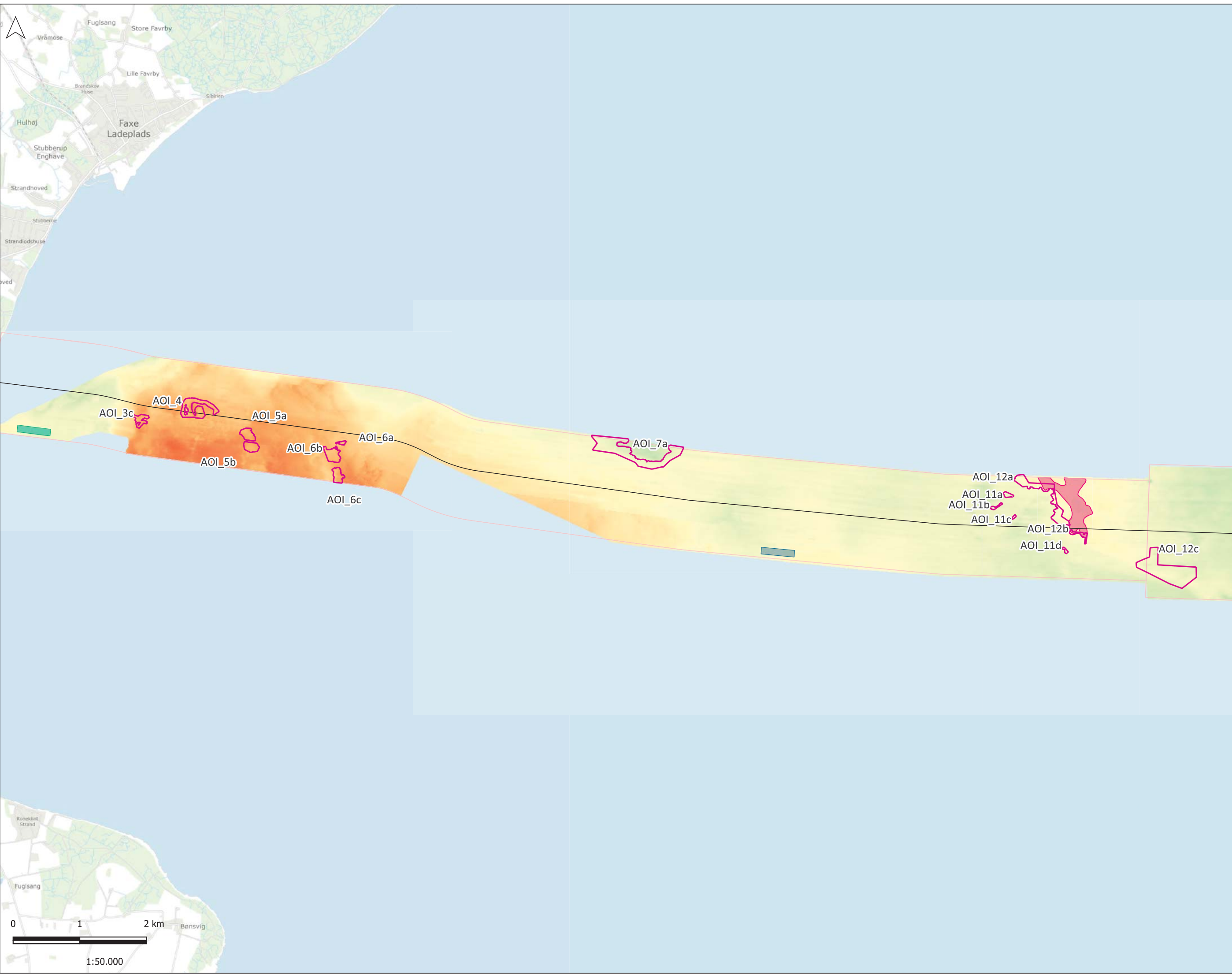
- Inspected targets
- ▲ Inconclusive
  - ✕ Wreck
  - ++ Wreck part
- Baltic Pipe
- Pipeline Rev. E
  - Anchor Corridor

; contains data from yt9relsen for  
datafors9ning og effektiviseringæ  
ykp rmkort dp mJ et, G My

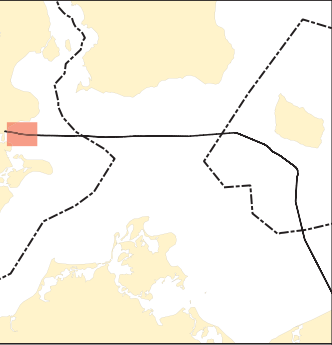
**Baltic Pipe, Anchor corridor**


Wconclusive targets, wrecks and  
wreck Jarts in section 0I

Snr.	VW 2I37
Witials	MES
y9stem	UTM zone 33 G 8 y/ 4
Date	17Ø3Q2022



Appendix 6



 Areas of interest

Baltic Pipe

 Pipeline Rev. E

 Anchor Corridor

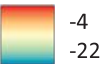
 Spoil storage area 2

 Spoil storage area 1

 Sand extraction area

Paleoterrain (base postglacial)

Elevation, meters



Contains data from Styrelsen for dataforsyning og effektivisering; Skærnkort dæmpet, WMS

Baltic Pipe, Anchor corridor

Geoarchaeological areas of interest - anchor corridor

J.nr.	VIR 2937
Initials	MEJ
System	UTM zone 33 WGS84
Date	17/03/2022



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