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

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

Dogger Bank South Offshore Wind Farms

Environmental Statement

Volume 7

Appendix 9-4 Environmental Features Report

June 2024

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Client Address	Windmill Hill Business Park, Swindon, SN5 6PB, United Kingdom
Client Contact	Mark Osola
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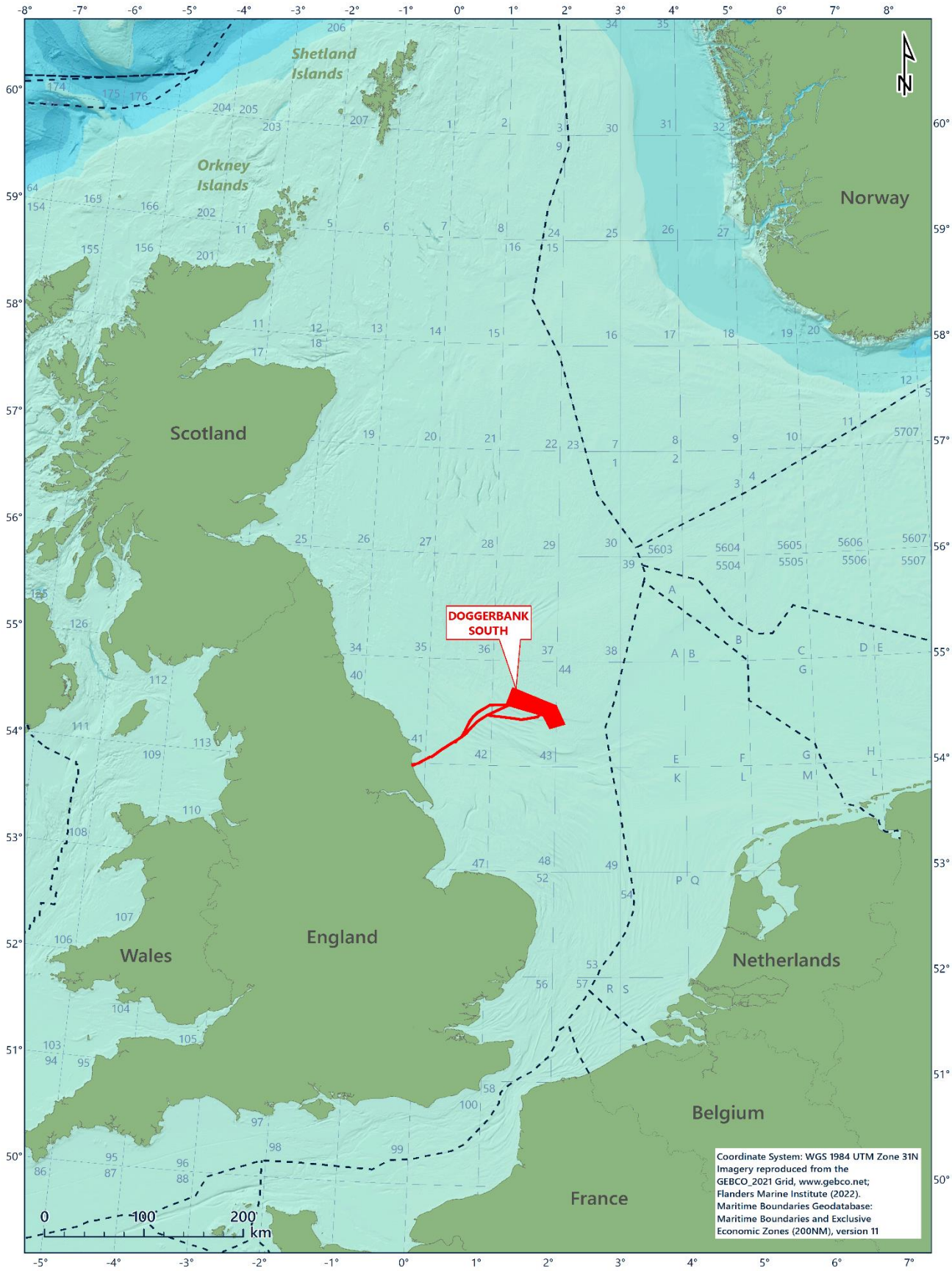
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Project Team

Initials	Name	Role
SGW	Séamus Whyte	Senior Project Manager
GHB	Geraint Harris-Bryant	Chief Environmental Scientist
JLL	Jo Lusted	Environmental Group Survey and Reporting Manager
LEB	Laura Bush	Principal Marine Scientist
RMJ	Rose Jones	Marine Environmental Scientist
RZP	Rie Pors	Assistant Marine Environmental Scientist

Frontispiece



Executive Summary

Introduction

On the instruction of RWE Renewables UK, Fugro performed a benthic ecological survey at the Dogger Bank South Offshore Wind Farms. The proposed arrays were located on the Dogger Bank in the southern North Sea, more than 100 km off the coast of England. The cable landfall is expected to be in vicinity of Creyke Beck. Operations were conducted onboard the DSV Curtis Marshall during the survey period 6 to 19 August 2022.

Survey Strategy

The main objectives of the survey were to characterise benthic habitats across the survey area, with emphasis on identifying the presence and extent of any sensitive habitats across the area, specifically those listed as Annex I, UK BAP priority habitats and species and Oslo and Paris Commission (OSPAR) habitats. Furthermore, samples were collected to establish the physico-chemical and biological properties of the sediment at key locations. The survey area comprised two proposed wind farm arrays (East and West) and three potential export cable route corridors.

A total of 197 environmental sampling stations were predetermined to ensure spatial coverage of the proposed export cable routes (ECR) and arrays, and to investigate any features of interest highlighted by the geophysical data. Environmental stations were investigated by either drop-down video (104 stations) and/or grab sampling (180 stations). Grab sampling was undertaken to acquire one macrofaunal sample and one particle size distribution (PSD) sample. The PSD sample was collected as a subsample of the faunal sample, and the remainder of the contents of the grab processed for macrofauna analysis. At 30 of the grab sampling stations, sediment chemistry samples were also collected. In addition, 24 stations were sampled using a scientific 2 m beam trawl.

Video and stills photographs were successfully acquired at all 104 proposed stations. A full suite of grab samples was successfully acquired from 179 of the 180 proposed stations. Station ST097 was abandoned due to coarse substrate resulting in insufficient sample being acquired i.e., the three sampling attempts made failed to recover more than 5 L of sediment from the Hamon grab, as required by the Benthic Survey Method Statement (RWE Renewables, 2022). Beam trawls were successfully completed at all 24 proposed locations.

Seabed Habitats

Seabed habitats across the Dogger Bank South survey area primarily comprised sand/muddy sand with varying proportions of shell fragments within the proposed arrays and along the proposed ECR. Areas of coarse sediments, comprising sandy gravel with shell fragments, pebbles and occasional cobbles were also identified near the shore along the proposed ECR and in the western array. Areas of mixed sediments, comprising sandy muds with shell fragments, pebbles, cobbles and occasional boulders were identified in the northern part of the western array. Patches of consolidated clay were observed among the mixed and sand sediments at a small number of stations, including the station closest to the shore along the proposed ECR and stations in the north of the western array and the

south of the eastern array. Therefore, habitats across the survey area were predominantly classified as the EUNIS level 4 habitat 'Atlantic circalittoral sand' (MC52), with shallower areas in the centre of the proposed arrays classified as 'Faunal communities of full salinity Atlantic infralittoral sand' (MB523) and deeper areas along the proposed ECR classified as 'Faunal communities of Atlantic offshore circalittoral sand' (MD521). Coarse sediments were classified as 'Faunal communities of Atlantic circalittoral coarse sediment' (MC32; within the proposed arrays and near the shore) and 'Faunal communities of Atlantic offshore circalittoral coarse sediment' (MD321; along the proposed ECR). Mixed sediments were classified as the EUNIS habitat type 'Faunal communities of Atlantic circalittoral mixed sediment' (MC421), and patches of burrowed clay were classified as the level 5 biotope complex 'Piddocks with a sparse associated fauna in Atlantic circalittoral very soft chalk or clay' (MC1251).

Benthic epifauna associated with the sandy habitats was dominated by starfish (Asteroidea inc. *Astropecten irregularis*, *Asterias rubens*, *Luidia* sp. and *Henricia* sp.), in both infralittoral, circalittoral and offshore habitats. Faunal turf (Hydrozoa/Bryozoa) and hermit crabs (Paguridae inc. *Pagurus bernhardus*) were also frequently observed. Fish associated with these areas included flatfish (Pleuronectiformes including Soleidae), dragonets (Callionymidae) and sandeels (Ammodytidae). Occasional cobbles and boulders provided substrate for soft coral (*Alcyonium digitatum*).

In areas of coarse sediment, epifauna included starfish (Asteroidea including *A. rubens* and *A. irregularis*) in areas with a higher proportion of sand. Coarse sediment areas with a higher proportion of shell, pebbles and cobbles contained a more diverse epifauna, including soft coral (*A. digitatum*), faunal turf (Hydrozoa/Bryozoa including Flustridae, *Halecium* sp., *Nemertesia* sp., Tubulariidae, *Bugula* sp. and *Alcyonidium diaphanum*), flatfish (Pleuronectiformes) and various crustaceans (*Necora puber*, *Homarus gammarus*, *Cancer pagurus*, *Liocarcinus* sp., Inachidae, Galatheaidea and Paguridae).

Fauna observed in areas of mixed sediments was generally sparse, but cobbles, pebbles and boulders provided hard substrate for frequent colonies of soft coral (*Alcyonium digitatum*) and faunal turf (Hydrozoa/Bryozoa including Flustridae: *Securiflustra securifrons* and *Flustra foliacea*). Anemones (Actiniaria) and starfish (*A. rubens*) were also observed at half of the stations. In some areas, mixed habitats occurred alongside areas where piddock burrows were observed. Where piddocks were observed, epibenthic communities were generally sparse.

Fauna associated with sediments classified as mud was sparse, with the most frequently observed taxa including hermit crabs (Paguridae including *Pagurus bernhardus*) with associated hydrozoans (*Hydractinia* sp.) and starfish (predominantly *A. rubens* and *A. irregularis*). Faunal turf (Hydrozoa/Bryozoa) was observed at the majority of stations of this habitat type, but at low density, while flatfish (Pleuronectiformes including Soleidae) and gadoid fish (Gadidae) were generally frequent where present. Where occasional pebbles, cobbles and boulders were observed, epifauna also included soft corals (*A. digitatum*).

Potentially Sensitive Habitats or Species

Four potentially sensitive habitats and one potentially sensitive species occurred within the survey area.

The Annex I habitat type 'Sandbanks which are slightly covered by sea water all the time' has the potential to occur at the majority of stations across the proposed arrays, which are located within the Dogger Bank Special Area of Conservation (SAC). In addition, sandeels were observed at 26 of these stations. The lesser sandeel (*Ammodytes marinus*) is a UK Biodiversity Action Plan (BAP) Priority Species (UK Post-2010 Biodiversity Framework). However, in this instance, it was not possible to identify sandeels to species level.

The priority habitat and Marine Conservation Zone (MCZ) Habitat Feature of Conservation Interest (FOCI) 'Subtidal sands and gravels' also has the potential to occur at the majority of stations in the survey area.

Stony reef areas with low potential to qualify as Annex I geogenic reef habitat were identified from the two stations (stations ST167 and ST181) closest to shore on the ECR.

Habitat with the potential to be considered the UK BAP listed priority habitat 'Peat and clay exposures with piddocks' occurred at six stations (stations ST001, ST003, ST048, ST061, ST124 and ST181).

No other potentially sensitive habitats or species were identified within the survey area.

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Abbreviations

BSH	Broad Scale Habitats
BSL	Below sea level
BT	Beam trawl
CA	Chemical analysis
CBD	Convention on Biological Diversity
CM	Central meridian
DDV	Drop-down video
DSV	Dive support vessel
EC	European Commission
ECR	Export cable routes
EEA	European Environment Agency
EMODnet	European Marine Observation and Data Network
EOL	End of line
EUNIS	European Nature Information System
FA	Fauna sample A
FOCI	Feature of Conservation Interest

GNSS	Global navigation satellite system
HD	High definition
JNCC	Joint Nature Conservation Committee
LED	Light emitting diode
MBES	Multibeam echosounder
MCZ	Marine Conservation Zone
MNCR	Marine Nature Conservation Review
MPA	Marine Protected Area
NERC	Natural Environment and Rural Communities
NS	No sample
OSPAR	Oslo and Paris Commission
PSD	Particle size distribution
SAC	Special Area of Conservation
SACFOR	Superabundant, Abundant, Common, Frequent, Occasional, Rare
SOL	Start of line
SPA	Special Protected Area
SSS	Side scan sonar
STR	Subsea Technology and Rentals
UK BAP	United Kingdom Biodiversity Action Plan
USBL	Ultra short baseline
UTC	Coordinated Universal Time
UTM	Universal Transverse Mercator
WGS84	World Geodetic System 1984

1. Introduction

1.1 General Project Description

On the instruction of RWE Renewables UK, Fugro performed a benthic ecological survey at the Dogger Bank South Offshore Wind Farms. The proposed east and west arrays are located on the Dogger Bank in the southern North Sea, more than 100 km off the coast of England. The cable landfall is expected to be in vicinity of Creyke Beck. Operations were conducted onboard the DSV Curtis Marshall during the survey period 6 to 19 August 2022.

At the time of the benthic survey, a geophysical survey was underway, and the geophysical data were used to inform final station selection for the benthic survey. The benthic survey comprised the acquisition of seabed photographic data, benthic grab sampling and beam trawling. This Environmental Features Report describes the habitats and epifaunal communities identified across the survey area, as determined from photographic data. Initial habitat classifications may be refined when considered in conjunction with sediment physico-chemical and macrofaunal data. This will be presented in the Benthic Ecology Monitoring Report.

Appendix A outlines the guidelines for use of this report.

1.2 Scope of Work

1.2.1 Geophysical Survey

Geophysical survey data acquisition was conducted in the proposed arrays and along the proposed export cable routes (ECR). At the time of the benthic survey, the geophysical survey was still underway, but the geophysical data available were used to inform final station selection for the benthic survey.

1.2.2 Environmental Survey

The principal aims of the benthic survey were to:

- produce a robust characterisation of the physico-chemical and biological properties across the proposed array areas and export cable routes;
- identify the occurrence and distribution of habitats and species sensitive to potential project impacts, such that these impacts can be avoided, mitigated, or otherwise reduced where possible;
- identify and document the occurrence of any species or communities of conservation importance.

1.3 Environmental Legislation

Following the UK exit from the European Union, several changes have been implemented to the Habitats (Conservation of Habitats and Species Regulations 2017) and the Offshore (Offshore Marine Conservation (Natural Habitats &c.) Regulations 2017, referred to as the 2017 Regulations. The changes have been made via the Conservation of Habitats and Species (Amendment (EU Exit) Regulations 2019), referred to as the 2019 Regulations. The 2017 Regulations transposed the requirements of the EU Habitats Directive and certain elements of the Wild Birds Directive (known as the Nature Directives), into UK law (Gov.UK, 2021).

Most of these changes have involved transferring functions from the European Commission (EC) to the appropriate authorities in the UK, with all other processes or terms in the Habitats and Offshore Regulations remaining unchanged and existing guidance being still relevant (Gov.UK, 2021).

Amongst the changes to the 2017 Regulations is the creation of a 'national site network' within the UK territory, comprising the protected sites already designated under the Nature Directives (previously known as Natura 2000) and any further sites designated under these Regulations. Protected sites include Special Areas of Conservation (SACs) and Special Protection Areas (SPAs). Maintaining a coherent network of protected sites with conservation objectives is still required to fulfil the UK's commitment to maintain environmental protections and continue to meet international legal obligations, such as the Bern Convention, the Oslo Paris Commission (OSPAR) Convention, the Bonn Convention, the Ramsar Convention and the Convention on Biological Diversity (CBD; Gov.UK, 2021).

The Marine and Coastal Access Act 2009 relates to the management of the marine environment, providing a planning framework for marine development. The Act enables the creation of Marine Conservation Zones (MCZs) for nationally and regionally important marine features including broad-scale habitats (BSH) and features of conservation interest (FOCI). Broad-scale habitats represent the main types of seabed and associated biota in UK waters; protection of each habitat and biota ensures protection of the full range of the UK's marine biodiversity. As such, within BSH, MCZs include a wide range of representative marine habitats and species found across the UK. In addition, FOCI - which are also protected within MCZs - represent habitats and/or species that may be highly sensitive to human activities and therefore need protection (Joint Nature Conservation Committee [JNCC], 2016).

The UK Biodiversity Action Plan (UK BAP), superseded by the UK Post-2010 Biodiversity Framework, henceforth referred to as 'UK BAP', produced a list of important (priority) habitats and species for the protection of the UK's biodiversity, under the CBD. In England, the Framework is legislated under the Natural Environment and Rural Communities (NERC) Act 2006.

This habitat investigation assesses the possible presence of marine Annex I habitats afforded protection under SACs, as well as UK BAP habitats and species, OSPAR threatened and/or

declining species and habitats, and priority habitats and species for which MPAs may be designated.

1.4 Regional Habitats and Protected Areas

The proposed arrays are located within the Dogger Bank Marine Protected Area (MPA), which is designated as an SAC for the Annex I habitat 'Sandbanks which are slightly covered by sea water all the time' (JNCC, 2022). This is in accordance with the European Marine Observation and Data Network (EMODnet) seabed habitats map, showing the Dogger Bank South Site Investigation survey area to lie in an area primarily comprising the European Nature Information System (EUNIS) sandy biotopes 'Atlantic circalittoral sand' (MC52) and 'Atlantic infralittoral sand' (MB52), and the area along the proposed ECR predominantly comprising 'Atlantic offshore circalittoral sand' (MD52; Figure 1.1). In addition, the potential landfall area of the proposed ECR slightly overlaps the Holderness Inshore MCZ.

According to EMODnet, areas of coarse sediment are predominantly found in the western array, including 'Atlantic circalittoral coarse sediment' (MC32) and 'Atlantic offshore circalittoral coarse sediment' (MD32). Along the ECR, sandy biotopes are also expected to dominate, including 'Atlantic offshore circalittoral sand' (MD52), with coarser sediments nearer to the potential landfall areas (including 'Atlantic circalittoral mixed sediments' (MC42), 'Atlantic circalittoral coarse sediment' (MC32) and their offshore equivalents (MD42 and MD32) with patches of 'Atlantic offshore circalittoral rock' (MD12; EMODnet, 2021; Figure 1.1). In addition to the Annex I habitat type 'Sandbanks which are slightly covered by sea water all the time', for which the Dogger Bank SAC area is designated, there is potential for Annex I stony reef habitats to be present. UK BAP priority habitat 'Subtidal sands and gravels' could also occur within the survey area.

Table 1.1 lists the nearby protected areas within ~85 km of the survey area, summarising the sensitive habitats and species they were designated to protect. Figure 1.2 spatially displays the protected areas in relation to the Dogger Bank South Site Investigation survey area.

Table 1.1: Summary of nearby protected areas

Protected Area	Status	Distance [km]	Direction	Protected Habitats/Species
Dogger Bank	Special Area of Conservation	NA	NA	Sandbanks which are slightly covered by sea water all the time
Flamborough Head*	Special Area of Conservation	7	NNW	Reefs Submerged or partially submerged sea caves
North Norfolk Sandbanks and Saturn Reef†	Special Area of Conservation	71	SSW	Reefs Sandbanks which are slightly covered by sea water all the time
Inner Dowsing, Race Bank and North Ridge‡	Special Area of Conservation	81	SSE	Reefs Sandbanks which are slightly covered by sea water all the time
Holderness Offshore*	Marine Conservation Zone	2	SSE	Ocean quahog Subtidal coarse sediment Subtidal mixed sediments Subtidal sand
Holderness Inshore‡	Marine Conservation Zone	1	S	High energy circalittoral rock Intertidal sand and muddy sand Moderate energy circalittoral rock Subtidal coarse sediment Subtidal mixed sediments Subtidal mud Subtidal sand
Markham's Triangle#	Marine Conservation Zone	53	SSE	Subtidal coarse sediment Subtidal mixed sediments Subtidal mud Subtidal sand
Swallow Sand^	Marine Conservation Zone	85	N	Subtidal coarse sediment Subtidal sand
<p>Notes</p> <p>NA = not applicable (the proposed arrays are located within the Dogger Bank Special Area of Conservation)</p> <p>* = Distance (to nearest kilometre) and direction from the closest sampling station, ST166, on the proposed ECR</p> <p>† = Distance (to nearest kilometre) and direction from the closest sampling station, ST002 in the proposed eastern array</p> <p>‡ = Distance (to nearest kilometre) and direction from the closest sampling stations, ST177 and ST181, on the proposed ECR</p> <p># = Distance (to nearest kilometre) and direction from the closest sampling station, ST008 in the proposed eastern array</p> <p>^ = Distance (to nearest kilometre) and direction from the closest sampling stations, ST128 and ST129 in the proposed western array</p>				

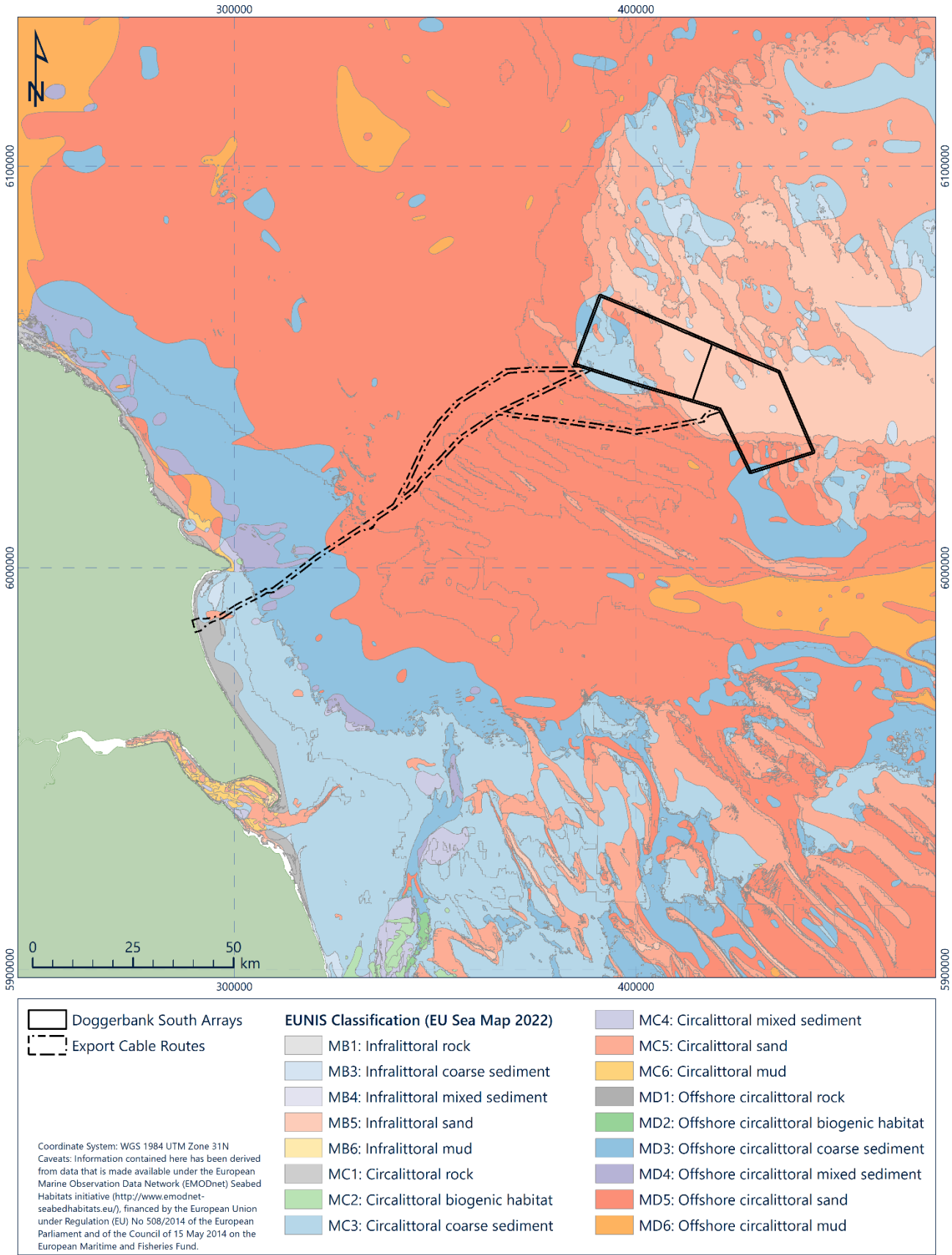


Figure 1.1: Dogger Bank South arrays and export cables routes overlain on EMODnet broad-scale seabed habitats map



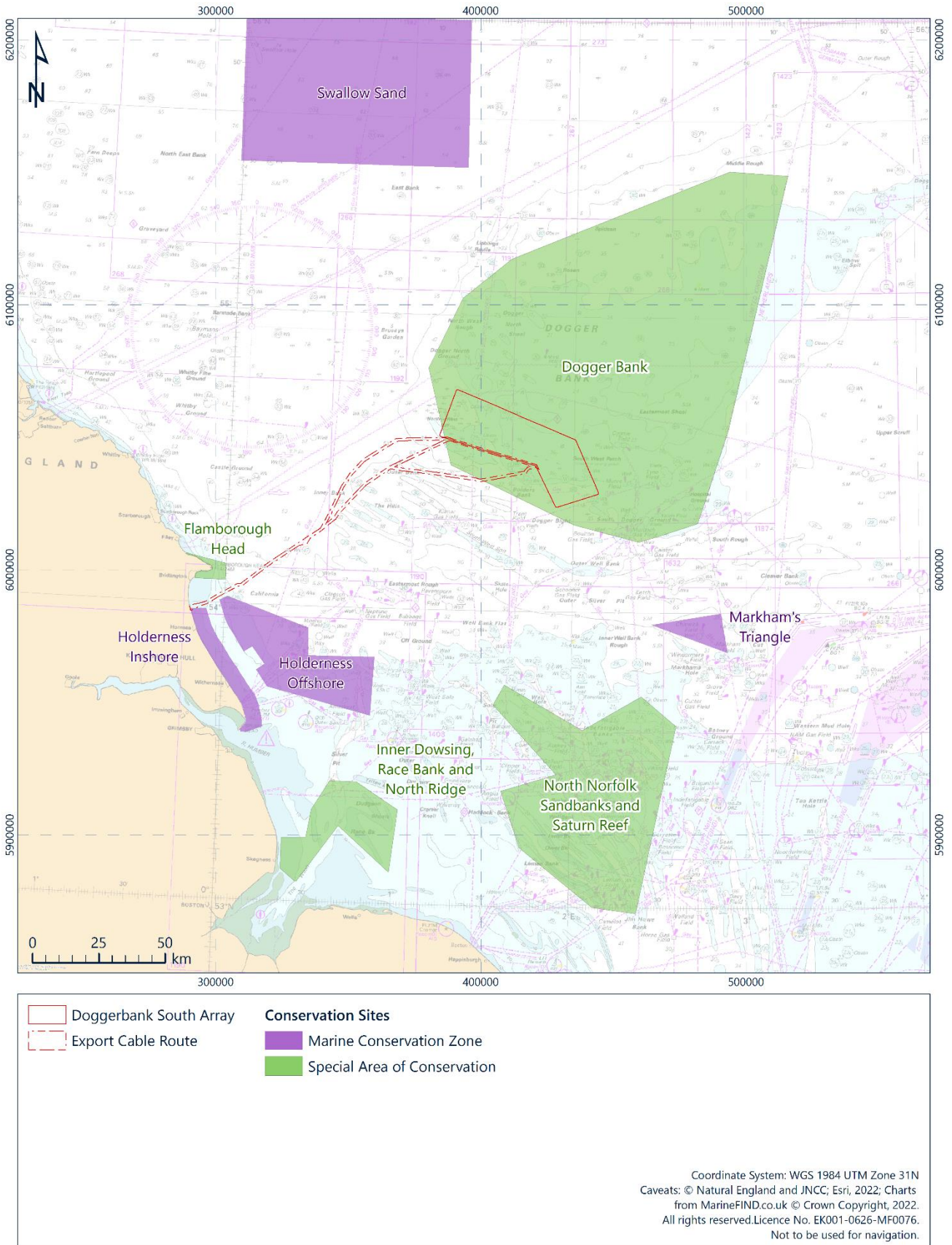


Figure 1.2: Protected areas relevant to the survey area

1.5 Coordinate Reference System

All coordinates detailed in this report are referenced to the World Geodetic System 1984 (WGS84), Universal Transverse Mercator (UTM) projection Zone 31N central meridian 3°East (CM 3°E) Table 1.2 provides the detailed geodetic and projection parameters.

Table 1.2: Project geodetic and projection parameters

Global Navigation Satellite System (GNSS) Geodetic Parameters*	
Datum:	World Geodetic System 1984 (WGS 84)
EPSG Code:	4326
Semi major axis:	a = 6 378 137.000 m
Reciprocal flattening:	1/f = 298.257 223 563
Project Projection Parameters	
Grid Projection:	Universal Transverse Mercator (UTM)
UTM Zone:	31N
Central Meridian:	3° E
Latitude of Origin:	00° 00' 00.000" North
Longitude of Origin	003° 00' 00.000" East
False Easting:	500 000 m
False Northing:	0.000 m
Scale factor on Central Meridian:	0.9996
EPSG Code:	32631
Units:	Metre
Notes * = Fugro Starfix navigation software always uses WGS 84 geodetic parameters as a primary datum for any geodetic calculations	

2. Survey Strategy

2.1 Geophysical Survey

Geophysical data collection was still underway upon commencement of the benthic survey, but partial geophysical data were used to inform station selection for the environmental work. Geophysical data were acquired using a multibeam echosounder (MBES), side scan sonar (SSS) and magnetometer. Only MBES data could be acquired along certain areas of the ECR due to the presence of fishing gear (predominantly in nearshore areas).

Further details will be presented in the geophysical reports (Seafloor Results and Shallow Geological Results Reports; Fugro, 2022b, c, d).

2.2 Benthic Ecological Survey

A total of 197 environmental sampling stations were selected to ensure spatial coverage of the proposed arrays and ECR, and to investigate any features of interest highlighted by the geophysical data. Environmental stations involved the acquisition of environmental data by either drop-down video (104 stations) and/or grab sampling (180 stations). Photographic data at environmental sampling stations were to be acquired as approximately 100 m transects across the station with a minimum of 3 still photographs acquired. Grab sampling was undertaken to acquire one macrofaunal sample and one particle size distribution (PSD) sample. The PSD sample was collected as a subsample of the faunal sample, with the remainder of the contents of the grab processed for macrofauna analysis (Fugro, 2022a). At 30 of the grab sampling stations, sediment chemistry samples were also collected. In addition, 24 stations were sampled using a scientific 2 m beam trawl. Particular emphasis was placed on locating areas of potential conservation value (e.g. Annex I listed habitats), on boundaries between areas of differing sonic reflectivity, bathymetric highs and lows and areas characteristic of the general background conditions of the site. The majority of stations were pre-determined by the client, but certain locations were relocated to avoid infrastructure and additional stations assigned to target features evident from geophysical data. The pre-determined stations were located in a grid pattern of approximately 3 km by 3 km within the proposed arrays and with approximately 5 km spacing along the proposed ECR.

Table 2.1 provides the coordinates, data to be acquired and rationale for each location. Acceptable sampling accuracy was agreed with the client representative as within 25 m of the target location. Figures 2.1 and 2.2 spatially display the proposed survey locations within the proposed arrays and along the proposed ECR, respectively.

Table 2.1: Proposed sampling stations

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Rationale	Data and Sample Acquisition
Grab and DDV Stations				
ST001	427 683.8	6 024 782.7	Spatial coverage	DDV, FA, PSD
ST002	430 441.6	6 024 628.4	Spatial coverage	FA, PSD
ST003	427 679.2	6 027 343.7	Spatial coverage, moved 680 m south-east of an oil and gas pipeline, to accommodate DDV	DDV, FA, PSD
ST004	430 441.6	6 027 628.4	Spatial coverage	FA, PSD
ST005	433 441.6	6 027 628.4	Spatial coverage	FA, PSD
ST006	436 441.6	6 027 628.4	Spatial coverage	FA, PSD
ST007	439 441.6	6 027 628.4	Spatial coverage	FA, PSD
ST008	442 324.4	6 027 995.2	Spatial coverage	FA, PSD
ST009	424 780.9	6 030 850.6	Spatial coverage	DDV, FA, PSD
ST010	427 441.6	6 030 628.4	Spatial coverage	DDV, FA, PSD
ST011	430 532.8	6 030 498.7	Spatial coverage, moved 150 m south-east to avoid oil and gas pipeline 500 m buffer	FA, PSD
ST012	433 441.6	6 030 628.4	Spatial coverage, DDV to confirm SSS feature	DDV, FA, PSD, CA
ST013	436 441.6	6 030 628.4	Spatial coverage	FA, PSD
ST014	439 441.6	6 030 628.4	Spatial coverage	FA, PSD
ST015	442 441.6	6 030 628.4	Spatial coverage, DDV to confirm SSS feature	DDV, FA, PSD
ST016	424 441.6	6 033 628.4	Spatial coverage	DDV, FA, PSD
ST017	427 441.6	6 033 628.4	Spatial coverage	FA, PSD, CA
ST018	430 441.6	6 033 628.4	Spatial coverage	FA, PSD
ST019	433 383.6	6 033 704.6	Spatial coverage, moved 100 m north-west to avoid an oil and gas pipeline 500 m buffer	FA, PSD
ST020	436 441.6	6 033 628.4	Spatial coverage	FA, PSD
ST021	439 441.6	6 033 628.4	Spatial coverage	FA, PSD
ST022	442 363.7	6 033 593.0	Spatial coverage	FA, PSD
ST023	421 855.1	6 036 885.7	Spatial coverage	DDV, FA, PSD
ST024	424 441.6	6 036 628.4	Spatial coverage	DDV, FA, PSD
ST025	427 441.6	6 036 628.4	Spatial coverage	FA, PSD
ST026	430 441.6	6 036 628.4	Spatial coverage	FA, PSD
ST027	433 441.6	6 036 628.4	Spatial coverage	FA, PSD
ST028	436 441.6	6 036 628.4	Spatial coverage	FA, PSD

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Rationale	Data and Sample Acquisition
ST029	439 622.8	6 036 370.4	Spatial coverage, moved 300 m south-east to avoid an oil and gas pipeline 500 m buffer	FA, PSD
ST030	418 583.6	6 039 959.0	Spatial coverage	DDV, FA, PSD
ST031	420 725.5	6 039 351.0	Spatial coverage, moved to cover intersects of Block F option, array and 1 km inter array option	DDV, FA, PSD, CA
ST032	424 986.9	6 039 649.7	Spatial coverage, to accommodate DDV, moved > 650 m east of the charted position of known wreck Emmalies Funk	DDV, FA, PSD
ST033	427 441.6	6 039 628.4	Spatial coverage	FA, PSD
ST034	430 295.5	6 039 196.6	Spatial coverage, moved 450 m south-west to avoid an oil and gas pipeline 500 m buffer	FA, PSD
ST035	433 441.6	6 039 628.4	Spatial coverage	FA, PSD
ST036	436 441.6	6 039 628.4	Spatial coverage	FA, PSD
ST037	439 441.6	6 039 628.4	Spatial coverage	FA, PSD
ST038	409 462.1	6 042 701.3	Spatial coverage	DDV, FA, PSD, CA
ST039	412 441.6	6 042 628.4	Spatial coverage	FA, PSD
ST040	415 441.6	6 042 628.4	Spatial coverage	FA, PSD, CA
ST041	418 441.6	6 042 628.4	Spatial coverage	DDV, FA, PSD
ST042	421 665.9	6 043 250.4	Spatial coverage, to accommodate DDV, moved 675 m north-east to avoid an oil and gas pipeline 500 m buffer	DDV, FA, PSD
ST043	424 441.6	6 042 628.4	Spatial coverage	DDV, FA, PSD
ST044	427 441.6	6 042 628.4	Spatial coverage	FA, PSD, CA
ST045	430 441.6	6 042 628.4	Spatial coverage	FA, PSD
ST046	433 441.6	6 042 628.4	Spatial coverage	FA, PSD, CA
ST047	436 441.6	6 042 628.4	Spatial coverage	FA, PSD
ST048	400 441.6	6 045 628.4	Spatial coverage	DDV, FA, PSD
ST049	403 441.6	6 045 628.4	Spatial coverage	DDV, FA, PSD
ST050	406 441.6	6 045 628.4	Spatial coverage	DDV, FA, PSD
ST051	409 441.6	6 045 628.4	Spatial coverage	DDV, FA, PSD
ST052	412 655.5	6 046 158.3	Spatial coverage, accommodating DDV, moved 700 m from an oil and gas pipeline with 500 m buffer	DDV, FA, PSD
ST053	415 441.6	6 045 628.4	Spatial coverage	FA, PSD
ST054	418 441.6	6 045 628.4	Spatial coverage	DDV, FA, PSD
ST055	421 441.6	6 045 628.4	Spatial coverage	DDV, FA, PSD
ST056	424 441.6	6 045 628.4	Spatial coverage	DDV, FA, PSD

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Rationale	Data and Sample Acquisition
ST057	427 441.6	6 045 628.4	Spatial coverage	FA, PSD
ST058	430 441.6	6 045 628.4	Spatial coverage	FA, PSD
ST059	433 441.6	6 045 628.4	Spatial coverage	FA, PSD
ST060	436 441.6	6 045 628.4	Spatial coverage	FA, PSD
ST061	391 441.6	6 048 628.4	Spatial coverage	DDV, FA, PSD
ST062	394 441.6	6 048 628.4	Spatial coverage	DDV, FA, PSD
ST063	396 891.3	6 048 624.1	Spatial coverage, accommodating DDV, moved to 675 m west of an oil and gas pipeline with 500 m buffer	DDV, FA, PSD, CA
ST064	400 441.6	6 048 628.4	Spatial coverage	DDV, FA, PSD
ST065	403 535.2	6 048 930.0	Spatial coverage, moved 500 m northeast to avoid an oil and gas pipeline 500 m buffer	DDV, FA, PSD
ST066	406 441.6	6 048 628.4	Spatial coverage	DDV, FA, PSD
ST067	409 441.6	6 048 628.4	Spatial coverage	DDV, FA, PSD
ST068	412 441.6	6 048 628.4	Spatial coverage	FA, PSD
ST069	415 441.6	6 048 628.4	Spatial coverage	DDV, FA, PSD, CA
ST070	418 441.6	6 048 628.4	Spatial coverage	DDV, FA, PSD
ST071	421 441.6	6 048 628.4	Spatial coverage	DDV, FA, PSD, CA
ST072	424 441.6	6 048 628.4	Spatial coverage	DDV, FA, PSD
ST073	427 441.6	6 048 628.4	Spatial coverage	FA, PSD
ST074	430 441.6	6 048 628.4	Spatial coverage	FA, PSD, CA
ST075	433 441.6	6 048 628.4	Spatial coverage	FA, PSD
ST076	435 961.6	6 048 395.7	Spatial coverage	FA, PSD
ST077	385 441.6	6 051 628.4	Spatial coverage	DDV, FA, PSD
ST078	388 335.6	6 051 708.2	Spatial coverage, accommodating DDV, moved 650 m from known wreck	DDV, FA, PSD, CA
ST079	391 441.6	6 051 628.4	Spatial coverage	DDV, FA, PSD
ST080	394 441.6	6 051 628.4	Spatial coverage	DDV, FA, PSD
ST081	397 093.3	6 051 665.4	Spatial coverage, accommodating DDV, moved 690 m west of an oil and gas pipeline with 500 m buffer	DDV, FA, PSD
ST082	400 441.6	6 051 628.4	Spatial coverage	DDV, FA, PSD
ST083	403 441.6	6 051 628.4	Spatial coverage	DDV, FA, PSD
ST084	406 441.6	6 051 628.4	Spatial coverage	DDV, FA, PSD
ST085	409 441.6	6 051 628.4	Spatial coverage	DDV, FA, PSD, CA
ST086	412 441.6	6 051 628.4	Spatial coverage	FA, PSD
ST087	415 441.6	6 051 628.4	Spatial coverage	DDV, FA, PSD
ST088	418 441.6	6 051 628.4	Spatial coverage	DDV, FA, PSD

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Rationale	Data and Sample Acquisition
ST089	421 441.6	6 051 628.4	Spatial coverage	DDV, FA, PSD
ST090	424 441.6	6 051 628.4	Spatial coverage	FA, PSD, DDV
ST091	427 441.6	6 051 628.4	Spatial coverage	FA, PSD
ST092	430 303.3	6 051 311.7	Spatial coverage	FA, PSD
ST093	385 863.9	6 054 512.8	Spatial coverage	DDV, FA, PSD
ST094	388 441.6	6 054 628.4	Spatial coverage	DDV, FA, PSD
ST095	391 441.6	6 054 628.4	Spatial coverage	DDV, FA, PSD
ST096	394 441.6	6 054 628.4	Spatial coverage	DDV, FA, PSD
ST097	397 441.6	6 054 628.4	Spatial coverage, 675 m west of a pipeline, beyond 500 m buffer	DDV, FA, PSD
ST098	400 963.7	6 054 540.2	Spatial coverage, accommodating DDV, moved 650 m east of an oil and gas pipeline, away from 500 m buffer	DDV, FA, PSD, CA
ST099	403 441.6	6 054 628.4	Spatial coverage	DDV, FA, PSD
ST100	406 441.6	6 054 628.4	Spatial coverage	DDV, FA, PSD
ST101	409 441.6	6 054 628.4	Spatial coverage	DDV, FA, PSD
ST102	412 441.6	6 054 628.4	Spatial coverage	FA, PSD
ST103	415 441.6	6 054 628.4	Spatial coverage	DDV, FA, PSD, CA
ST104	418 441.6	6 054 628.4	Spatial coverage	DDV, FA, PSD
ST105	421 441.6	6 054 628.4	Spatial coverage	DDV, FA, PSD, CA
ST106	388 441.6	6 057 628.4	Spatial coverage	DDV, FA, PSD
ST107	391 441.6	6 057 628.4	Spatial coverage	DDV, FA, PSD, CA
ST108	394 441.6	6 057 628.4	Spatial coverage	DDV, FA, PSD
ST109	397 441.6	6 057 628.4	Spatial coverage	DDV, FA, PSD
ST110	400 441.6	6 057 628.4	Spatial coverage	DDV, FA, PSD
ST111	403 441.6	6 057 628.4	Spatial coverage	DDV, FA, PSD
ST112	406 441.6	6 057 628.4	Spatial coverage	DDV, FA, PSD
ST113	409 441.6	6 057 628.4	Spatial coverage	DDV, FA, PSD, CA
ST114	412 441.6	6 057 628.4	Spatial coverage	FA, PSD
ST115	415 441.6	6 057 628.4	Spatial coverage	DDV, FA, PSD
ST116	388 441.6	6 060 628.4	Spatial coverage	DDV, FA, PSD
ST117	391 441.6	6 060 628.4	Spatial coverage	DDV, FA, PSD
ST118	394 441.6	6 060 628.4	Spatial coverage	DDV, FA, PSD
ST119	397 441.6	6 060 628.4	Spatial coverage	DDV, FA, PSD
ST120	400 441.6	6 060 628.4	Spatial coverage	DDV, FA, PSD
ST121	403 900.2	6 061 092.5	Spatial coverage, accommodating DDV, moved 650 m off an oil and gas pipeline	DDV, FA, PSD, CA

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Rationale	Data and Sample Acquisition
			500 m buffer, wellhead and MTF obstruction buffer	
ST122	406 441.6	6 060 628.4	Spatial coverage	DDV, FA, PSD
ST123	409 342.5	6 060 321.8	Spatial coverage	DDV, FA, PSD
ST124	391 441.6	6 063 628.4	Spatial coverage	DDV, FA, PSD
ST125	394 441.6	6 063 628.4	Spatial coverage	DDV, FA, PSD, CA
ST126	397 441.6	6 063 628.4	Spatial coverage	DDV, FA, PSD
ST127	400 441.6	6 063 628.4	Spatial coverage, SSS data available - no DDV required	FA, PSD
ST128	391 441.6	6 066 628.4	Spatial coverage	DDV, FA, PSD
ST129	394 441.6	6 066 628.4	Spatial coverage	DDV, FA, PSD
ST130	394 326.8	6 047 339.1	Spatial coverage, moved within array and 1 km inter array option	DDV, FA, PSD
ST131	404 013.5	6 044 308.4	Spatial coverage, moved within array and 1 km inter array option and MPG SSS data; no DDV required	FA, PSD
ST132	413 431.5	6 041 528.4	Spatial coverage, moved to confirm within array and 1 km inter array option	DDV, FA, PSD
ST133	384 144.5	6 047 530.8	Spatial coverage	FA, PSD
ST134	379 633.1	6 045 375.0	Spatial coverage	FA, PSD, CA
ST135	375 121.7	6 043 219.3	Spatial coverage	FA, PSD
ST136	370 610.2	6 041 063.6	Spatial coverage	FA, PSD
ST137	365 770.3	6 038 750.8	Spatial coverage	FA, PSD
ST138	416 529.1	6 036 843.9	Spatial coverage	FA, PSD
ST139	411 614.5	6 035 923.6	Spatial coverage, DDV to scope out potential rough signature before grab and trawl	DDV, FA, PSD
ST140	406 700.0	6 035 003.4	Spatial coverage	FA, PSD
ST141	401 774.3	6 034 148.5	Spatial coverage	FA, PSD, CA
ST142	396 710.1	6 034 445.3	Spatial coverage, moved 160 m west to avoid an oil and gas pipeline 500 m buffer	FA, PSD
ST143	391 920.3	6 035 118.4	Spatial coverage	FA, PSD
ST144	386 968.9	6 035 814.3	Spatial coverage	FA, PSD
ST145	382 017.6	6 036 510.1	Spatial coverage	FA, PSD
ST146	377 058.2	6 037 144.5	Spatial coverage	FA, PSD, CA
ST147	372 094.1	6 037 742.2	Spatial coverage	FA, PSD
ST148	359 906.0	6 043 975.9	Spatial coverage	FA, PSD
ST149	364 132.7	6 046 647.0	Spatial coverage	FA, PSD
ST150	368 443.0	6 049 061.4	Spatial coverage	FA, PSD

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Rationale	Data and Sample Acquisition
ST151	373 432.7	6 049 378.5	Spatial coverage, potential for some fines for chemistry with mainly sandy sediment	FA, PSD, CA
ST152	378 432.2	6 049 443.3	Spatial coverage	FA, PSD
ST153	383 431.8	6 049 508.1	Spatial coverage	FA, PSD
ST154	345 150.4	6 025 839.6	Spatial coverage	FA, PSD
ST155	347 259.9	6 030 372.8	Spatial coverage	FA, PSD
ST156	349 890.2	6 034 612.0	Spatial coverage	FA, PSD, CA
ST157	353 041.0	6 038 474.8	Spatial coverage	FA, PSD
ST158	335 836.7	6 012 841.0	Spatial coverage	FA, PSD
ST159	331 661.9	6 010 089.5	Spatial coverage	FA, PSD
ST160	327 487.0	6 007 338.1	Spatial coverage	FA, PSD
ST161	323 312.2	6 004 586.6	Spatial coverage	DDV, FA, PSD, CA
ST162	319 188.0	6 001 763.2	Spatial coverage	FA, PSD
ST163	315 206.2	5 998 739.2	Spatial coverage	FA, PSD
ST164	311 224.4	5 995 715.1	Spatial coverage	FA, PSD, CA
ST165	306 835.5	5 993 655.3	Spatial coverage	FA, PSD
ST166	302 408.2	5 991 333.0	Spatial coverage, no current SSS data; low MBES indicate no risk but DDV to confirm	DDV, FA, PSD
ST167	298 045.1	5 988 652.5	Spatial coverage, moved 175 m south-west to capture rough and smoother sediment	DDV, FA, PSD
ST168	293 533.5	5 986 827.3	Spatial coverage	FA, PSD, CA
ST169	343 856.9	6 018 790.3	Spatial coverage	FA, PSD
ST170	347 053.7	6 022 569.1	Spatial coverage	FA, PSD
ST171	350 478.8	6 026 211.8	Spatial coverage	FA, PSD
ST172	353 903.8	6 029 854.4	Spatial coverage	FA, PSD, CA
ST173	357 556.9	6 033 228.6	Spatial coverage	FA, PSD
ST174	361 706.2	6 036 018.4	Spatial coverage	FA, PSD
ST175	360 768.4	6 038 891.3	Spatial coverage	FA, PSD
ST176	355 769.3	6 038 984.0	Spatial coverage	FA, PSD
ST177	292 012.8	5 986 474.7	Spatial coverage	FA, PSD
ST178	339 958.9	6 015 658.8	Spatial coverage, mixed sediment	FA, PSD, CA
ST179	342 599.2	6 020 518.8	Spatial coverage, repositioned to avoid NEP pipeline corridor area	FA, PSD
ST180	355 679.3	6 041 304.7	Spatial coverage	FA, PSD
ST181	291 294.1	5 986 494.6	Spatial coverage, on border of rough to smoother signature	DDV
ST182	315 890.0	5 999 023.2	Spatial coverage, clearance for BT20 and check for (unlikely) potential sensitive	DDV

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Rationale	Data and Sample Acquisition
			habitat with trawl marks covering 3.5 km route to the west. SSS indicates rippled sandy sediment	
ST183	320 787.3	6 002 785.4	Spatial coverage, signature feature for investigation	DDV
ST184	349 369.5	6 034 713.9	Spatial coverage, unknown feature; potential false effect of SSS data to scope out. Similar signature to the west	DDV
ST185	371 640.6	6 049 271.6	Spatial coverage, irregular rough feature to investigate. Not covered by grabs to the east or west	DDV
ST186	382 948.4	6 049 501.9	Spatial coverage, irregular rough feature to investigate, similar to ST185 DDV	DDV
ST187	385 044.8	6 048 363.7	Spatial coverage, irregular rough feature to investigate. Not covered locally by grab	DDV
ST188	413 944.7	6 036 359.6	Spatial coverage, feature to be scoped out	DDV
ST189	423 819.7	6 038 077.6	Spatial coverage, DDV clearance for BT09	DDV
ST190	423 754.9	6 046 555.5	Spatial coverage, DDV clearance for BT07	DDV
ST200	408 841.4	6 045 437.8	Spatial coverage, DDV clearance for BT06	DDV
ST201	404 735.9	6 055 376.5	Spatial coverage, DDV clearance for BT04	DDV
ST202	395 167.0	6 047 537.6	Spatial coverage, DDV clearance for BT015	DDV
ST203	394 587.3	6 055 716.5	Spatial coverage, DDV clearance for BT02	DDV
ST204	393 142.9	6 062 371.8	Spatial coverage, DDV clearance for BT01	DDV
ST205	387 894.0	6 051 586.0	Spatial coverage, DDV clearance for BT04	DDV
Beam Trawl Stations				
BT01	393 143.1	6 062 372.0	Spatial coverage	BT
BT02	394 587.3	6 055 716.5	Spatial coverage	BT
BT03	387 893.9	6 051 585.9	Spatial coverage	BT
BT04	404 735.8	6 055 376.8	Spatial coverage	BT
BT05	412 656.5	6 051 657.2	Spatial coverage	BT
BT06	408 841.7	6 045 437.7	Spatial coverage	BT
BT07	423 754.7	6 046 555.7	Spatial coverage	BT
BT08	427 610.0	6 050 489.1	Spatial coverage, Moved over 900 m from 500 m buffer of the abandoned wellhead 43/15B-3A	BT
BT09	423 819.4	6 038 078.2	Spatial coverage	BT
BT10	438 155.6	6 030 526.6	Spatial coverage	BT
BT11	430 604.0	6 027 203.0	Spatial coverage	BT
BT12	435 960.6	6 037 889.2	Spatial coverage	BT
BT13	309 577.2	5 994 464.2	Spatial coverage	BT

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Rationale	Data and Sample Acquisition
BT14	323 078.7	6 004 432.7	Spatial coverage	BT
BT15	395 167.1	6 047 537.4	Spatial coverage, moved 500 m of the SEAL Shearwater to Bacton active gas pipeline	BT
BT16	354 978.9	6 040 553.4	Spatial coverage	BT
BT17	352 471.6	6 028 331.2	Spatial coverage	BT
BT18	386 160.7	6 035 920.8	Spatial coverage	BT
BT19	295 555.3	5 987 542.4	Spatial coverage	BT
BT20	315 893.8	5 999 023.4	Spatial coverage, SSS indicates trawl marks.	BT
BT21	415 159.8	6 041 259.8	Spatial coverage	BT
BT22	339 267.7	6 015 103.2	Spatial coverage	BT
BT23	376 333.1	6 043 778.3	Spatial coverage	BT
BT24	411 874.8	6 035 982.9	Spatial coverage	BT
<p>Notes</p> <p>DDV = Drop-down video MBES = Multibeam echosounder SSS = Side scan sonar CA = Chemical analysis FA = Faunal sample A PSD = Particle size distribution BT = Beam trawl</p>				

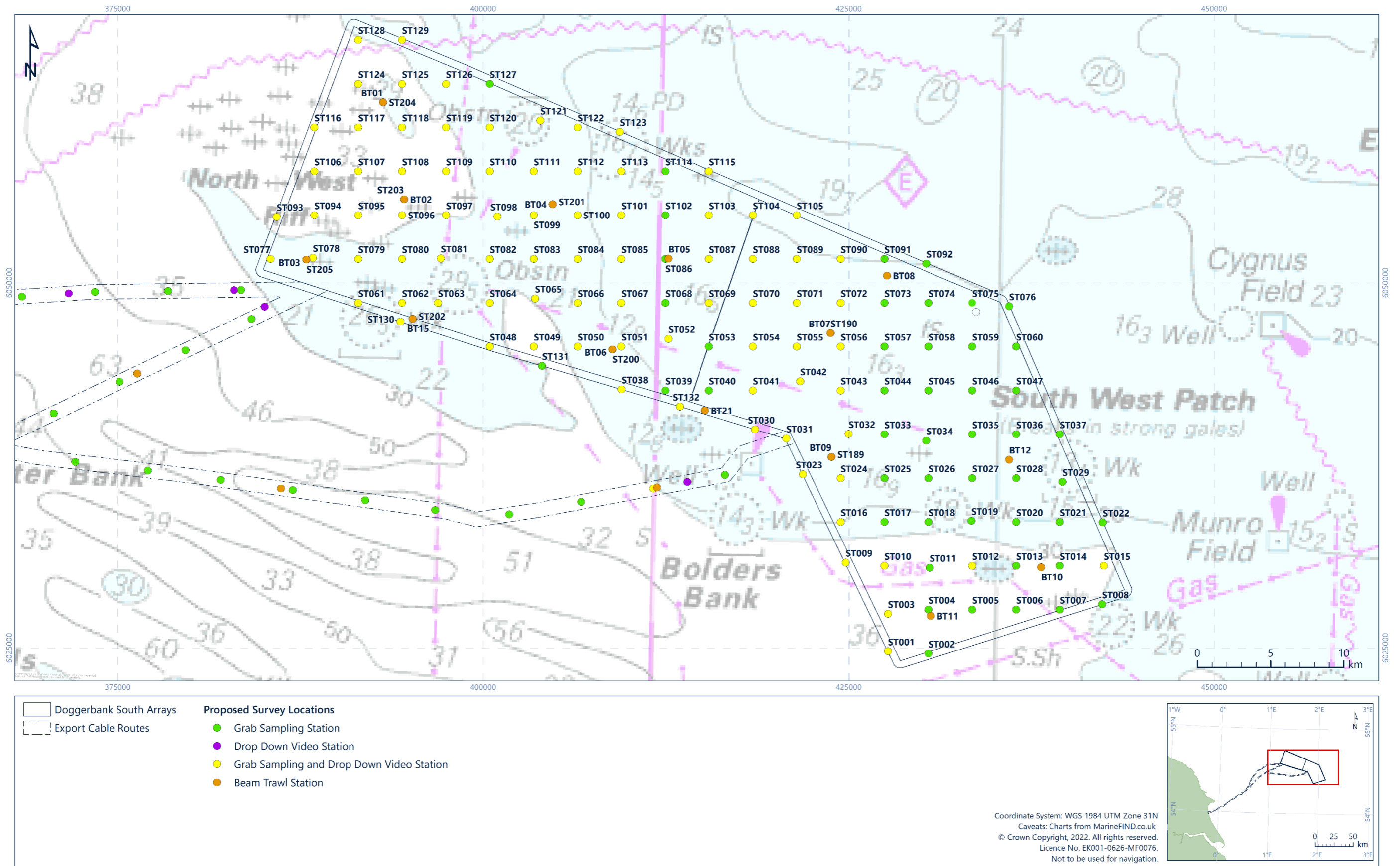


Figure 2.1: Proposed environmental survey locations in the proposed arrays overlain on Admiralty chart data

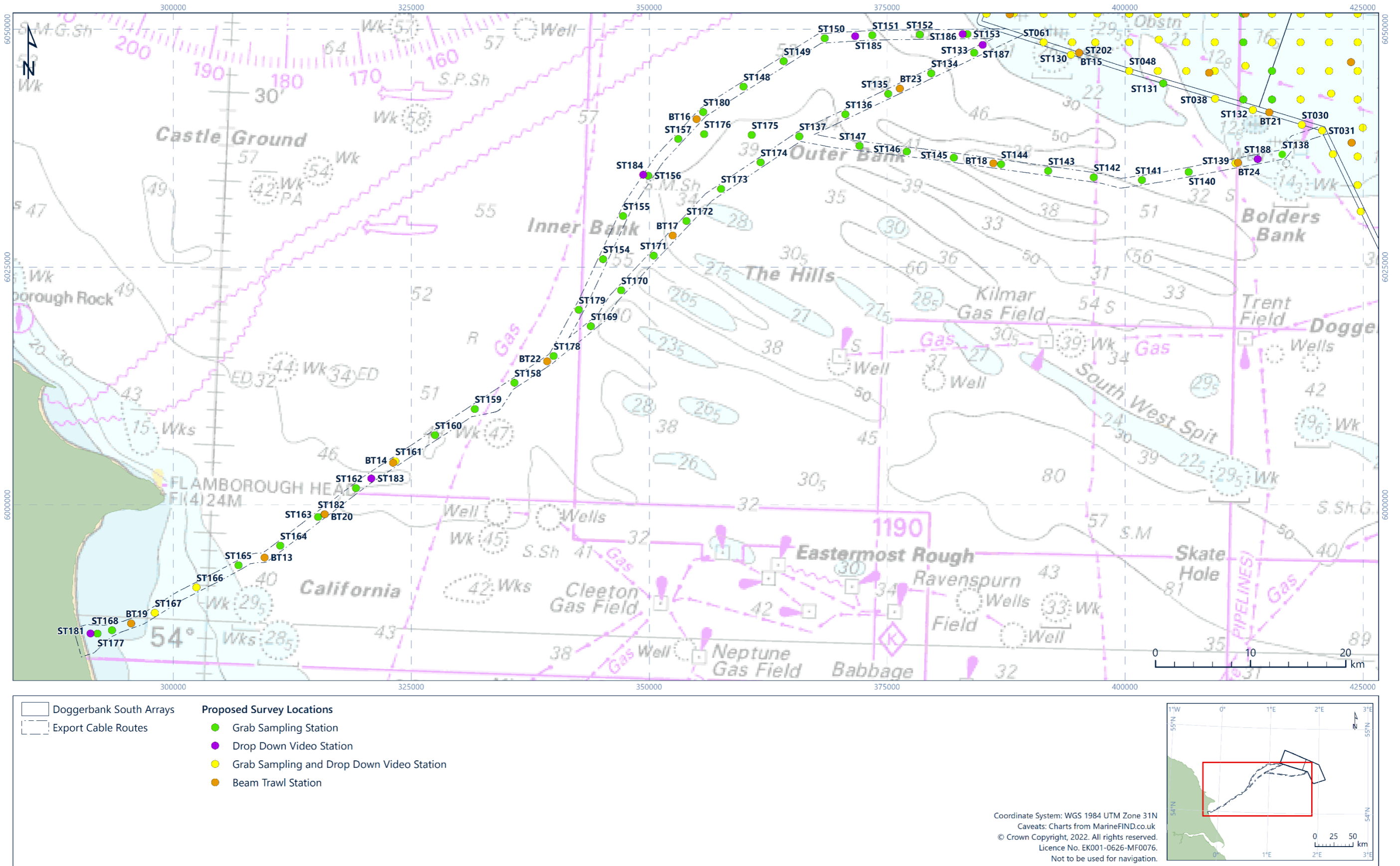


Figure 2.2: Proposed environmental survey locations along the proposed export cable routes overlain on Admiralty chart data

3. Methods

3.1 Survey Methods

3.1.1 Seabed Photography

Seabed photography was acquired using a Subsea Technology and Rentals Limited (STR) SeaSpyder HD camera system mounted within a purpose-built camera frame, complete with high-definition (HD) video camera and high-resolution stills camera (14.7 mega pixel), a separate high-power strobe and four LED lamps. Four lasers were set up in 23 cm by 26.5 cm configuration to provide a scale. The camera system was equipped with an ultra short baseline (USBL) beacon for subsea positioning. A Sonardyne Scout Plus USBL system was used to provide real-time subsea positioning of the camera system. Please refer to the operations report for further details (Fugro, 2022a).

A STR SeaSpyder Nano HD video camera system mounted within a purpose-built camera frame was available as a backup system. This was utilised temporarily during a period when the primary camera system topside unit developed a fault. The faulty topside unit was replaced at the next crew change (Fugro, 2022a).

Seabed video footage was displayed on a computer monitor and recorded directly onto a hard disk drive. A navigation string from the attached USBL beacon, including the time, date, depth, and location (easting and northing) was overlain on the video. The survey location and station number were also displayed (manually updated). The stills camera imagery was visible on a second window of the computer. Footage was viewed in real time via the camera systems umbilicals, assisting in the control of the camera in the water.

The aim was to procure a minimum of three good still photographs per station to inform the habitat assessment. To achieve this, transects of approximately 100 m in length were proposed for all stations.

Further details of operational procedures for seabed photography can be found in the operations report (Fugro, 2022a).

3.1.2 Sediment Sampling

Faunal and PSD samples were acquired using a 0.1 m² Hamon grab. Chemistry samples were acquired using a 0.1 m² Day grab. Grab samples were positioned using a USBL beacon attached to the grab frame, with a fix taken when the grab reached the seabed (evidenced through a distinct slackening of the wire rope and snatch block). Further details of operational procedures for grab sampling can be found in the operations report (Fugro, 2022a).

3.1.3 Beam Trawl Sampling

Beam trawl samples were collected using a scientific 2 m beam trawl fitted with a 5 mm mesh cod end. A concession was put in place prior to the survey commencing, with respect to a change in the cod end mesh size from 3 mm to 5 mm. Beam trawl samples were positioned using layback calculated from the amount of wire paid out. Further details of operational procedures for beam trawl sampling can be found in the operations report (Fugro, 2022a).

3.2 Interpretation Methods

3.2.1 Seabed Habitats/Biotopes Classification

To assess the habitats present within the survey area, detailed analysis of video and still photographic data was undertaken noting the locations of any observed changes in sediment type and/or associated faunal community. Where available, field grab sample descriptions were used to provide further information on sediment composition.

Taxa were recorded to the lowest possible taxonomic level. It should be noted that many species cannot be identified from photographic data alone and, as such, higher taxonomic levels were used.

Descriptions of the substrate composition, corresponding to sediment changes, were undertaken for each video segment. These descriptions were based on a reclassification of the Folk (1954) sediment classes and were developed to support the EUNIS habitat identification (Long, 2006) in conjunction with the Wentworth (1922) classification, the latter differentiating between 'pebbles', 'cobbles' and 'boulders' based on their dimensions. The Folk (1954) sediment classification was initially reclassified into four categories, namely 'coarse sediment', 'mixed sediment', 'mud and sandy mud' and 'sand and muddy sand' to be more aligned with the EUNIS classification. During this reclassification, elements of 'muddy sand' were contained within both latter categories (Long, 2006). For the purposes of this habitat assessment, aligned with the European Marine Observation and Data Network (EMODnet) substrate classification scheme, 'mud to muddy sand' and 'sand' are considered separately, with the former including the sub-categories 'mud', 'sandy mud' and 'muddy sand' (Kaskela et al., 2019). The Folk categories and sub-categories are defined by the proportions of 'mud', 'sand' and 'gravel'. For example, a description of muddy sand defines sediments that have sand as the principal component (50 % to 90 %) with a secondary component of mud (10 % to 50 %) and < 5 % gravel (Kaskela et al., 2019). The EMODnet Geology Consortium further revised the above categories to include the category 'rock and boulders' (Kaskela et al., 2019), which includes the Wentworth (1922) categories boulders and cobbles. The presence of shell fragments and observed anthropogenic features were also noted.

Table 3.1 presents a summary of the sediment particle sizes and corresponding classifications.

Table 3.1: Sediment particle size and classification terms

Particle Size	Wentworth (1922)	Folk (1954)	Folk, 5 classes (Kaskela et al., 2019)			
> 256 mm	Boulder	Gravel	Rock and boulders			
64 mm to 256 mm	Cobble					
32 mm to < 64 mm	Pebbles		Coarse sediment: (Gravel ≥ 80 %, or Gravel ≥ 5 % and Sand ≥ 90 %)	Mixed sediment: (Mud ≥ 10 % - 95 % Sand < 90 % Gravel ≥ 5%)	Mud to muddy sand*: (Mud 10 % - 95 % Sand < 90 % Gravel < 5%)	Sand: (Mud < 10 % Sand ≥ 90 % Gravel < 5%)
16 mm to < 32 mm						
8 mm to < 16 mm						
4 mm to < 8 mm						
2 mm to < 4 mm	Granules					
1 mm to < 2 mm	Very coarse sand	Sand				
0.5 mm to < 1 mm	Coarse sand					
0.25 mm to < 0.5 mm	Medium sand					
0.125 mm to < 0.25 mm	Fine sand					
62.5 µm to 0.125 mm	Very fine sand					
> 4 µm to 62.5 µm	Silt	Mud	-			
> 1 µm to 4 µm	Clay					
Notes * = Mud to muddy sand includes: Mud (Mud ≥ 90 %, Sand < 10 %, Gravel < 5%); Sandy mud (Mud 50 % to 90 %, Sand 10 % to 50 %, Gravel < 5%); Muddy sand (Mud 10 % to 50 %, Sand 50 % to 90 %, Gravel < 5%) (Kaskela et al., 2019)						

Habitats within the survey area have been classified in accordance with the European Nature Information Service (EUNIS) habitat classification (European Environment Agency [EEA], 2022). Table 3.2 summarises the EUNIS hierarchy, with an example of the coding system. The EUNIS classification system is designed to incorporate small-scale temporal variations (e.g. seasonal) into the biotope/habitat categories. However, biological communities and marine environments can be highly dynamic and temporally variable, therefore the biotopes and habitats identified by the current assessment are representative of the survey area at the time of sampling only.

EUNIS classifications were coded for each habitat type observed from video data. Although, theoretically, a biotope can be assigned to any sized area of seabed, for the purposes of this assessment the commonly accepted minimum habitat size of 25 m² (Parry, 2019) was adopted.

For the purposes of this report the depth range assigned to each habitat has been determined using USBL beacon derived depths recorded during seabed photographic data acquisition. Depths were draft corrected and recorded in m below sea level (BSL). In accordance with the EUNIS classification scheme (EEA, 2022) habitats located in water depths

of less than 20 m BSL were described as infralittoral, habitats located in water depths of between 20 m BSL and 50 m BSL were described as circalittoral, and habitats located in water depths of greater than 50 m BSL were described as deep circalittoral. The depth ranges assigned to stations may be changed when fully processed geophysical data, particle size data and macrofaunal data become available; this will be reported in the Benthic Ecology Monitoring Report.

Table 3.2: EUNIS (EEA, 2022) biotope classification hierarchy example

Level	Example Classification Name	Example Classification Code
1. Environment	Marine benthic habitats	M
2. Broad habitat types	Circalittoral sand	MC5
3. Main habitats	Atlantic circalittoral sand	MC52
4. Biotope complexes	Faunal communities of Atlantic circalittoral sand	MC521
5. Biotopes	<i>Amphiura brachiata</i> with <i>Astropecten irregularis</i> and other echinoderms in circalittoral muddy sand	MC5215

3.2.1.1 Epibenthic Data

In order to generate a comprehensive numerical dataset suitable for statistical analysis from analysis of photographic data, quantitative/ semi quantitative analysis of epibenthic taxa was undertaken. Free-living taxa and colonies of distinguishable individuals were enumerated from photographic data and their density (individuals per m²) calculated. Colonial taxa were recorded as their visible percentage cover within the frame. Estimation of percentage cover was assisted by superimposing a grid over the video. It should be noted that many epifaunal taxa cannot be identified to species level from photographic data alone and, as such, higher taxonomic levels were used.

The raw abundance and percentage cover data were then converted into a Superabundant, Abundant, Common, Frequent, Occasional, Rare (SACFOR) scale (Table 3.2) in accordance with Marine Nature Conservation Review (MNCR) cover/density scales adopted by the JNCC from 1990 (JNCC, 1996).

Table 3.3: SACFOR scale used for photographic data analysis (JNCC, 1996)

% Cover Scale	Growth Form		Size of Individuals/Colonies				Density Scale	
	Crust / meadow	Massive / Turf	<1 cm	1-3 cm	3-15 cm	> 15 cm		
> 80 %	S	-	S	-	-	-	>1/0.001 m ² (1x1 cm)	> 10,000/m ²
40-79 %	A	S	A	S	-	-	1-9/0.001 m ²	1000-9999 / m ²
20-39 %	C	A	C	A	S	-	1-9 / 0.01 m ² (10 x 10 cm)	100-999 / m ²
10-19 %	F	C	F	C	A	S	1-9 / 0.01 m ²	10-99 / m ²
5-9 %	O	F	O	F	C	A	1-9 / m ²	-
1-5 % or density	R	O	R	O	F	C	1-9 / 10 m ² (3.16 x 3.16 m)	-
< 1 % or density	-	R	-	R	O	F	1-9 / 100 m ² (10 x 10 m)	-
-	-	-	-	-	R	O	1-9 / 1000 m ² (31.6 x 31.6 m)	-
-	-	-	-	-	-	R	<1/1000 m ²	-

Notes
S = Superabundant
A = Abundant
C = Common
F = Frequent
O = Occasional
R = Rare

Use of the SACFOR scale offers the following advantages in comparison to analysis of raw density/cover data:

- It allows density data and percentage cover data to be meaningfully combined, without artificially exaggerating the ecological importance of certain taxa;
- It is a size-weighted scale, which accommodates (to some extent) the ecological functionality of the taxa identified. For example, it will down weight the influence of small, numerous individuals in relation to less frequently recorded, larger bodied animals which may have greater influence on ecosystem function (e.g. through predation or physical alteration of habitats).

3.2.2 Sensitive Habitats and Species

Following an initial review of video and photography data the presence of any sensitive habitat and species were assessed using the methods outlined below.

3.2.2.1 Sandbanks

No specific assessment criteria have been defined for this Annex I habitat. However, the habitat is characterised by distinct topographic features (i.e. elongated, rounded or irregular

'mound' shapes), which may arise from horizontal or sloping plains of sandy sediment at depths of less than 20 m (but can include channels or other areas greater than 20 m deep). Where areas of horizontal or sloping sandy habitat are closely associated with the banks, they are included within the Annex I type. In the current survey area, 'Sandbanks which are slightly covered by sea water all the time' are known to occur, since it is located within the Dogger Bank SAC, which is specifically designated for this Annex I habitat. This Environmental Features Report presents habitat classifications based on video data only. Slope analysis will be performed on bathymetry data and the classification of all potential 'Sandbanks which are slightly covered by sea water all the time' will be captured in the Benthic Ecology Monitoring Report.

3.2.2.2 Peat and Clay Exposures with Piddocks

No specific assessment criteria have been defined for this priority habitat. However, when reviewing video data, identification of peat and/or clay seabed sediments would be further investigated for the presence of piddocks and piddock burrows.

3.2.2.3 Subtidal Sands and Gravels

The subtidal sands and gravels priority habitat incorporates the level 2 broad habitats 'circalittoral coarse sediment' and 'circalittoral sand' (and the more refined biotopes contained within these, as well as their infralittoral and offshore equivalents) within the EUNIS habitat classification (EEA, 2022). Seabed photographic data were reviewed in detail to characterise the sediments within the survey area and broad habitat types were selected, which are comparable to the priority habitats. The assigned EUNIS main habitat type will be used to assess the presence of any potential priority habitats.

3.2.2.4 Stony Reef Assessment

When considering the potential of an area as the Annex I habitat 'Stony reef', the composition of the substrate is an important characteristic. Stony reef is defined as comprising coarse sediments with a diameter greater than 64 mm (cobbles and boulders) that provide a hard substratum. The relationship between the coarse material and sediment in which it lies is integral in determining 'reefiness'. Matrix (soft sediment) supported material is likely to have a patchier distribution than clast (coarse sediment) supported and so have lower 'reefiness', additionally matrix supported material is likely to have a larger infaunal component which again reduces its 'reefiness' (Irving, 2009). Reefs are also defined as having relief from the seafloor, and as such relief is used as another criterion for assessment. The epifaunal community of potential reef habitat is also a key determinant of its 'reefiness' and proportion of epifauna species to infaunal species is therefore included as an assessment criterion. Within the Irving (2009) scheme, areas of potential stony reef habitat must have an area of greater than 25 m² to be classified as reef; this report also adopts this minimum area. Table 3.4 presents the Irving (2009) criteria of 'reefiness' for stony reef habitat assessments, Table 3.5 presents the stony reef matrix used to assess the overall 'reefiness' of an area.

Table 3.4: Measures of 'reefiness' for stony reef habitat (Irving, 2009)

Characteristic	Resemblance to a 'Stony Reef'			
	Not a reef	Low	Medium	High
Composition Diameter of cobbles/boulders being greater than 64 mm. Percentage cover relates to a minimum area of 25 m ² . The 'composition' characteristic also includes 'patchiness'.	< 10 %	10 % – 40 %	40 % – 95 %	> 95 %
Elevation Minimum height (64 mm) relates to minimum size constituent cobbles. This characteristic could also include 'distinctness' from the surrounding seabed. Note that two units (mm and m) are used.	Flat seabed	< 64 mm	64 mm – 5 m	> 5 m
Extent	< 25 m ²	> 25 m ²		
Biota	Dominated by infaunal species	-	-	> 80 % of species present composed of epifaunal species
Notes When determining whether an area of the seabed should be considered as Annex I stony reef, if a 'low' is scored in any of the four characteristics (composition, elevation, extent or biota), then a strong justification would be required for this area to be considered as contributing to the Marine Natura site network of qualifying reefs in terms of the EU Habitats Directive				

Table 3.5: Stony reef matrix

Reef Structure	Composition (% of seabed comprised of cobbles/boulders)				Biota
	< 10	10 – 40	40 – 95	> 95	
Flat seabed	Not a reef	Not a reef	Not a reef	Not a reef	Infauna dominated
< 64 mm	Not a reef	Low	Low	Low	-
64 mm – 5 m	Not a reef	Low	Medium	Medium	-
> 5 m	Not a reef	Low	Medium	High	> 80 %
Notes Full reef assessment not applicable of areas of cobble and/or boulders with an extent of < 25 m ² , which would be classified as 'Not a Reef'					

4. Results

4.1 Field Operations

4.1.1 Seabed Photography

Photographic stills and video data were successfully acquired at all 104 proposed stations (Table 4.1). The STR SeaSpyder Nano camera was used at the majority of stations (79 of 104 stations) due to technical issues with the STR SeaSpyder setup, as agreed with the onboard client representative (Fugro, 2022a). Figures 4.1 and 4.2 spatially display completed environmental sampling stations within the proposed arrays and along the proposed ECR, respectively.

Table 4.1: Completed camera transects

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]						
Station		Easting	Northing	Depth [m BSL]	Length [m]	Data Acquisition
ST001	SOL	427 601.9	6 024 775.8	36.6	122.3	3 mins 39 secs 15 stills
	EOL	427 721.3	6 024 802.2	36.6		
ST003	SOL	427 614.7	6 027 325.1	36.0	120.8	4 mins 30 secs 13 stills
	EOL	427 723.9	6 027 376.8	35.5		
ST009	SOL	424 774.6	6 030 763.2	37.9	138.6	5 mins 16 secs 19 stills
	EOL	424 777.1	6 030 901.8	35.8		
ST010	SOL	427 471.5	6 030 586.9	35.8	105.4	3 mins 36 secs 15 stills
	EOL	427 398.0	6 030 662.4	35.2		
ST012	SOL	433 386.0	6 030 608.8	32.5	106.8	7 mins 3 secs 15 stills
	EOL	433 479.9	6 030 659.7	33.1		
ST015A*	SOL	442 455.7	6 030 624.7	29.6	73.2	2 mins 51 secs 13 stills
	EOL	442 510.4	6 030 673.3	32.3		
ST016	SOL	424 434.3	6 033 557.7	27.5	134.8	5 mins 55 secs 17 stills
	EOL	424 443.3	6 033 692.2	24.1		
ST023	SOL	421 818.6	6 036 873.6	18.5	97.2	4 mins 23 secs 16 stills
	EOL	421 912.1	6 036 900.3	18.2		
ST024	SOL	424 443.7	6 036 580.9	17.8	103.8	4 mins 47 secs 19 stills
	EOL	424 447.8	6 036 684.7	18.2		
ST030	SOL	418 602.1	6 039 911.3	-	102.7	3 mins 0 secs 13 stills
	EOL	418 606.0	6 040 013.9	19.5		
ST031	SOL	420 769.8	6 039 307.3	18.3	108.5	2 mins 51 secs 19 stills
	EOL	420 724.9	6 039 406.1	18.8		

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]						
Station		Easting	Northing	Depth [m BSL]	Length [m]	Data Acquisition
ST032	SOL	424 927.7	6 039 668.0	19.7	122.3	9 mins 24 secs
	EOL	425 049.0	6 039 652.1	19.4		13 stills
ST038	SOL	409 410.9	6 042 732.8	24.4	105.5	2 mins 31 secs
	EOL	409 499.1	6 042 674.9	22.6		16 stills
ST041	SOL	418 491.4	6 042 637.7	17.7	110.1	2 mins 37 secs
	EOL	418 381.7	6 042 647.5	17.9		14 stills
ST042	SOL	421 721.0	6 043 248.6	19.1	106.3	2 mins 19 secs
	EOL	421 622.0	6 043 210.0	18.9		15 stills
ST043	SOL	424 393.5	6 042 623.8	19.2	106.8	3 mins 44 secs
	EOL	424 500.1	6 042 627.5	20.3		17 stills
ST048	SOL	400 375.5	6 045 651.2	33.4	141.9	3 mins 21 secs
	EOL	400 512.5	6 045 614.1	33.4		12 stills
ST049	SOL	403 377.3	6 045 603.8	36.3	142.1	3 mins 34 secs
	EOL	403 503.1	6 045 669.9	35.1		10 stills
ST050	SOL	406 400.4	6 045 687.3	20.7	121.8	4 mins 2 secs
	EOL	406 446.8	6 045 574.7	20.5		22 stills
ST051	SOL	409 397.7	6 045 664.9	26.7	113.3	3 mins 10 secs
	EOL	409 481.9	6 045 589.1	27.2		19 stills
ST052	SOL	412 630.8	6 046 233.7	18.0	133.0	4 mins 33 secs
	EOL	412 691.1	6 046 115.2	18.2		17 stills
ST054	SOL	418 494.5	6 045 615.6	20.2	96.6	3 mins 18 secs
	EOL	418 423.4	6 045 681.0	19.4		21 stills
ST055	SOL	421 484.1	6 045 587.1	19.0	128.5	2 mins 57 secs
	EOL	421 437.7	6 045 706.9	19.9		16 stills
ST056	SOL	424 371.7	6 045 675.1	19.7	148.2	12 mins 6 secs
	EOL	424 498.2	6 045 598.1	19.4		19 stills
ST061	SOL	391 400.5	6 048 666.8	-	109.6	4 mins 45 secs
	EOL	391 479.9	6 048 591.2	30.7		20 stills
ST062	SOL	394 413.7	6 048 687.1	30.2	110.9	4 mins 11 secs
	EOL	394 417.0	6 048 576.3	29.6		15 stills
ST063	SOL	396 921.9	6 048 551.1	30.9	125.1	3 mins 59 secs
	EOL	396 889.9	6 048 672.0	30.9		17 stills
ST064	SOL	400 394.8	6 048 666.6	30.6	127.1	3 mins 41 secs
	EOL	400 498.6	6 048 593.2	32.2		23 stills

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]						
Station		Easting	Northing	Depth [m BSL]	Length [m]	Data Acquisition
ST065	SOL	403 480.5	6 048 854.9	34.9	162.5	3 mins 47 secs
	EOL	403 580.9	6 048 982.6	32.8		16 stills
ST066	SOL	406 398.5	6 048 671.2	27.0	111.9	3 mins 46 secs
	EOL	406 483.1	6 048 578.9	27.9		8 stills
ST067	SOL	409 486.5	6 048 584.4	21.2	110.8	2 mins 55 secs
	EOL	409 431.0	6 048 680.3	21.5		18 stills
ST069A*	SOL	415 426.0	6 048 669.3	19.8	87.1	7 mins 9 secs
	EOL	415 462.0	6 048 605.3	19.3		11 stills
ST070	SOL	418 478.2	6 048 601.2	21.6	105.5	3 mins 23 secs
	EOL	418 435.4	6 048 697.6	21.2		11 stills
ST071	SOL	421 487.4	6 048 595.9	21.1	112.9	2 mins 56 secs
	EOL	421 393.5	6 048 658.5	22.0		21 stills
ST072	SOL	424 371.7	6 048 656.7	21.1	103.5	4 mins 7 secs
	EOL	424 443.5	6 048 582.3	22.4		6 stills
ST077	SOL	385 514.2	6 051 610.6	28.9	115.4	4 mins 2 secs
	EOL	385 405.0	6 051 648.0	28.1		21 stills
ST078	SOL	388 380.6	6 051 644.8	33.2	123.6	3 mins 37 secs
	EOL	388 312.8	6 051 748.2	33.6		14 stills
ST079	SOL	391 385.0	6 051 639.1	32.1	115.6	3 mins 49 secs
	EOL	391 487.7	6 051 586.1	31.8		13 stills
ST080	SOL	394 391.2	6 051 670.5	30.3	108.4	4 mins 23 secs
	EOL	394 469.3	6 051 595.4	30.9		16 stills
ST081	SOL	397 038.1	6 051 727.6	31.9	127.1	5 mins 40 secs
	EOL	397 107.4	6 051 621.0	32.1		20 stills
ST082	SOL	400 365.7	6 051 653.6	31.7	139.2	3 mins 51 secs
	EOL	400 503.8	6 051 636.4	30.8		10 stills
ST083	SOL	403 401.3	6 051 573.9	25.5	106.1	4 mins 25 secs
	EOL	403 420.3	6 051 678.2	25.0		10 stills
ST084	SOL	406 397.6	6 051 667.8	28.7	110.9	3 mins 9 secs
	EOL	406 496.9	6 051 618.7	28.5		17 stills
ST085	SOL	409 486.7	6 051 587.4	21.4	109.4	2 mins 32 secs
	EOL	409 450.4	6 051 690.6	21.1		15 stills
ST087	SOL	415 504.0	6 051 611.1	19.2	125.7	2 mins 54 secs
	EOL	415 387.4	6 051 658.1	20.2		13 stills

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]						
Station		Easting	Northing	Depth [m BSL]	Length [m]	Data Acquisition
ST088	SOL	418 487.0	6 051 593.0	21.6	106.8	3 mins 26 secs
	EOL	418 437.9	6 051 687.8	21.2		10 stills
ST089	SOL	421 476.2	6 051 570.9	22.2	121.0	3 mins 27 secs
	EOL	421 439.0	6 051 686.0	22.7		10 stills
ST090	SOL	424 434.9	6 051 645.5	21.8	101.1	4 mins 1 secs
	EOL	424 532.1	6 051 617.8	21.1		12 stills
ST093	SOL	385 914.5	6 054 501.8	37.4	110.7	3 mins 50 secs
	EOL	385 808.0	6 054 531.7	37.5		21 stills
ST094	SOL	388 494.4	6 054 607.4	34.0	111.0	3 mins 49 secs
	EOL	388 392.7	6 054 651.9	34.3		17 stills
ST095	SOL	391 448.8	6 054 704.6	34.6	121.3	4 mins 1 secs
	EOL	391 409.8	6 054 589.8	34.4		12 stills
ST096	SOL	394 412.0	6 054 590.2	34.0	108.1	3 mins 26 secs
	EOL	394 481.0	6 054 673.4	34.2		10 stills
ST097	SOL	397 483.4	6 054 592.6	33.7	111.3	3 mins 13 secs
	EOL	397 402.9	6 054 669.4	34.7		16 stills
ST098	SOL	400 904.9	6 054 591.4	45.4	138.3	3 mins 32 secs
	EOL	401 025.6	6 054 524.0	44.5		9 stills
ST099	SOL	403 481.9	6 054 585.5	30.0	111.1	4 mins 55 secs
	EOL	403 407.6	6 054 668.1	29.2		12 stills
ST100	SOL	406 383.0	6 054 669.2	22.5	116.1	8 mins 38 secs
	EOL	406 466.8	6 054 588.8	22.4		15 stills
ST101	SOL	409 416.2	6 054 675.4	18.5	106.5	3 mins 44 secs
	EOL	409 466.9	6 054 581.8	18.7		18 stills
ST103	SOL	415 500.8	6 054 629.8	21.9	117.5	3 mins 9 secs
	EOL	415 383.3	6 054 628.0	23.9		10 stills
ST104	SOL	418 503.9	6 054 617.5	21.2	114.1	3 mins 41 secs
	EOL	418 406.2	6 054 676.3	20.8		10 stills
ST105	SOL	421 490.2	6 054 576.6	22.3	129.9	4 mins 26 secs
	EOL	421 385.7	6 054 653.7	23.5		11 stills
ST106	SOL	388 481.2	6 057 592.7	36.6	102.5	2 mins 18 secs
	EOL	388 416.9	6 057 672.5	37.5		17 stills
ST107	SOL	391 442.0	6 057 573.3	36.1	111.8	4 mins 18 secs
	EOL	391 435.1	6 057 684.9	36.2		11 stills

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]						
Station		Easting	Northing	Depth [m BSL]	Length [m]	Data Acquisition
ST108	SOL	394 444.0	6 057 564.6	36.8	127.2	4 mins 2 secs
	EOL	394 448.1	6 057 691.8	37.3		14 stills
ST109	SOL	397 485.4	6 057 610.5	36.0	102.5	3 mins 43 secs
	EOL	397 383.1	6 057 616.1	35.8		11 stills
ST110	SOL	400 387.6	6 057 680.1	25.3	130.2	3 mins 17 secs
	EOL	400 488.1	6 057 597.4	26.3		16 stills
ST111	SOL	403 490.5	6 057 590.5	28.6	118.7	3 mins 45 secs
	EOL	403 405.3	6 057 673.2	28.9		10 stills
ST112	SOL	406 401.1	6 057 671.7	23.2	108.6	3 mins 44 secs
	EOL	406 495.7	6 057 618.4	22.8		8 stills
ST113	SOL	409 383.4	6 057 673.5	16.2	110.8	4 mins 22 secs
	EOL	409 433.2	6 057 574.6	16.7		18 stills
ST115	SOL	415 489.4	6 057 560.6	19.8	130.6	3 mins 40 secs
	EOL	415 455.5	6 057 686.7	19.3		10 stills
ST116	SOL	388 353.6	6 060 670.2	39.5	144.6	4 mins 19 secs
	EOL	388 485.4	6 060 610.7	39.2		17 stills
ST117	SOL	391 350.4	6 060 636.5	35.2	130.1	5 mins 26 secs
	EOL	391 475.8	6 060 601.7	35.3		21 stills
ST118	SOL	394 466.7	6 060 579.8	46.3	119.4	4 mins 47 secs
	EOL	394 422.0	6 060 690.5	46.3		14 stills
ST119	SOL	397 474.7	6 060 577.1	36.0	117.0	2 mins 34 secs
	EOL	397 423.1	6 060 682.1	35.8		14 stills
ST120	SOL	400 364.6	6 060 653.8	31.2	135.5	3 mins 3 secs
	EOL	400 500.0	6 060 649.5	31.2		18 stills
ST121	SOL	403 898.3	6 061 059.4	24.3	115.0	2 mins 22 secs
	EOL	403 870.0	6 061 170.9	24.8		7 stills
ST122	SOL	406 371.7	6 060 671.9	20.7	135.8	3 mins 50 secs
	EOL	406 493.1	6 060 611.0	19.6		8 stills
ST123	SOL	409 340.8	6 060 377.0	25.9	114.2	2 mins 44 secs
	EOL	409 341.9	6 060 262.8	26.1		11 stills
ST124	SOL	391 364.1	6 063 637.5	37.1	135.0	4 mins 53 secs
	EOL	391 477.2	6 063 563.8	37.4		17 stills
ST125	SOL	394 371.5	6 063 627.0	35.9	143.4	3 mins 47 secs
	EOL	394 514.8	6 063 627.6	36.2		10 stills

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]						
Station		Easting	Northing	Depth [m BSL]	Length [m]	Data Acquisition
ST126	SOL	397 467.6	6 063 588.1	32.8	107.1	2 mins 33 secs 21 stills
	EOL	397 414.6	6 063 681.2	33.1		
ST128	SOL	391 363.5	6 066 621.9	30.1	129.9	4 mins 1 sec 14 stills
	EOL	391 486.9	6 066 581.2	30.8		
ST129	SOL	394 365.6	6 066 628.8	32.2	142.4	3 mins 53 secs 13 stills
	EOL	394 507.0	6 066 645.3	32.7		
ST130	SOL	394 264.7	6 047 312.9	29.0	116.5	4 mins 4 secs 13 stills
	EOL	394 375.1	6 047 350.1	29.0		
ST132B*	SOL	413 405.1	6 041 569.1	16.0	117.2	12 mins 35 secs 12 stills
	EOL	413 499.9	6 041 500.2	15.9		
ST139	SOL	411 677.3	6 035 896.3	43.4	116.6	4 mins 2 secs 19 stills
	EOL	411 579.3	6 035 959.4	44.2		
ST161	SOL	323 354.2	6 004 617.8	55.0	107.0	3 mins 33 secs 17 stills
	EOL	323 252.9	6 004 583.6	55.9		
ST166	SOL	302 466.8	5 991 396.0	22.7	143.1	5 mins 20 secs 19 stills
	EOL	302 404.4	5 991 267.3	23.0		
ST167	SOL	298 108.6	5 988 631.2	18.0	111.4	4 mins 7 secs 15 stills
	EOL	298 035.2	5 988 714.9	18.4		
ST181	SOL	291 354.6	5 986 480.1	12.6	115.3	3 mins 3 secs 22 stills
	EOL	291 249.9	5 986 528.5	13.3		
ST182	SOL	315 924.1	5 999 088.0	51.2	105.9	3 mins 31 secs 15 stills
	EOL	315 929.3	5 998 982.3	-		
ST183	SOL	320 827.6	6 002 817.0	51.7	104.0	3 mins 26 secs 18 stills
	EOL	320 745.7	6 002 753.0	51.9		
ST184	SOL	349 368.2	6 034 767.0	57.0	102.6	7 mins 41 secs 22 stills
	EOL	349 362.0	6 034 664.6	56.9		
ST185	SOL	371 600.2	6 049 319.4	62.6	89.4	6 mins 07 secs 17 stills
	EOL	371 685.0	6 049 291.3	63.4		
ST186	SOL	383 005.7	6 049 536.0	50.0	113.0	5 mins 27 secs 14 stills
	EOL	382 900.4	6 049 495.0	49.6		
ST187	SOL	385 056.8	6 048 304.4	42.4	116.3	4 mins 10 secs 11 stills
	EOL	385 063.0	6 048 420.5	41.8		
ST188	SOL	414 008.3	6 036 325.8	17.9	123.7	3 mins 58 secs 18 stills
	EOL	413 907.4	6 036 397.4	18.2		

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]						
Station		Easting	Northing	Depth [m BSL]	Length [m]	Data Acquisition
ST189	SOL	423 848.8	6 038 035.6	19.7	95.7	10 mins 40 secs
	EOL	423 923.0	6 038 096.0	18.9		17 stills
ST190	SOL	423 746.5	6 046 612.9	22.4	105.0	3 mins 41 secs
	EOL	423 760.2	6 046 508.7	18.1		15 stills
ST200	SOL	408 822.5	6 045 474.1	23.9	101.4	2 mins 36 secs
	EOL	408 879.7	6 045 390.4	24.4		2 stills
ST201	SOL	404 772.3	6 055 344.0	30.7	111.9	3 mins 5 secs
	EOL	404 681.6	6 055 409.6	31.1		7 stills
ST202	SOL	395 108.6	6 047 537.6	30.5	110.1	4 mins 6 secs
	EOL	395 218.4	6 047 545.7	31.7		21 stills
ST203	SOL	394 537.0	6 055 674.5	34.3	123.3	3 mins 43 secs
	EOL	394 635.0	6 055 749.4	34.0		9 stills
ST204	SOL	393 121.0	6 062 317.2	37.1	111.5	2 mins 35 secs
	EOL	393 202.2	6 062 393.6	35.9		13 stills
ST205	SOL	387 895.0	6 051 511.6	33.1	122.1	6 mins 20 secs
	EOL	387 892.0	6 051 633.7	33.6		23 stills
Notes * = Station rerun BSL = Below sea level SOL = Start of line EOL = End of line						

4.1.2 Sediment Sampling

Grab samples were successfully acquired at 179 of the 180 proposed grab sampling stations (Table 4.2). Station ST097 was abandoned due to coarse substrate resulting in no sufficient sample being acquired.

A complete suite of samples (one macrofauna and one PSD sample) was retained at all stations except at station ST097. In addition, one sediment sample for chemistry analysis (CA) was collected successfully at 30 pre-selected grab sampling stations. Figures 4.1 and 4.2 spatially display completed environmental sampling stations within the proposed arrays and along the proposed ECR, respectively.

Table 4.2: Completed sediment sampling stations

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Depth [m BSL]	Sample Acquisition
ST001	427 648.8	6 024 785.0	36.7	FA, PSD
ST002	430 450.8	6 024 621.0	36.9	FA, PSD
ST003	427 646.6	6 027 356.3	35.2	FA, PSD
ST004	430 455.8	6 027 622.6	35.7	FA, PSD
ST005	433 443.9	6 027 627.5	34.1	FA, PSD
ST006	436 443.4	6 027 659.6	33.2	FA, PSD
ST007	439 433.8	6 027 633.5	33.0	FA, PSD
ST008	442 298.0	6 028 006.3	31.1	FA, PSD
ST009	424 743.2	6 030 854.8	36.2	FA, PSD
ST010	427 436.4	6 030 619.4	34.8	FA, PSD
ST011	430 502.3	6 030 485.6	35.6	FA, PSD
ST012	433 414.7	6 030 618.0	33.0	FA, PSD, CA
ST013	436 446.1	6 030 643.6	34.1	FA, PSD
ST014	439 424.8	6 030 631.8	31.3	FA, PSD
ST015	442 399.5	6 030 638.4	32.0	FA, PSD,
ST016	424 442.6	6 033 605.7	26.3	FA, PSD
ST017	427 399.4	6 033 618.3	28.7	FA, PSD, CA
ST018	430 433.3	6 033 654.7	29.5	FA, PSD
ST019	433 388.3	6 033 703.3	29.1	FA, PSD
ST020	436 465.0	6 033 604.6	29.2	FA, PSD
ST021	439 434.1	6 033 600.8	27.8	FA, PSD
ST022	442 333.8	6 033 568.4	27.1	FA, PSD
ST023	421 859.8	6 036 858.6	19.0	FA, PSD,
ST024	424 435.4	6 036 612.0	18.4	FA, PSD
ST025	427 456.5	6 036 623.0	13.7	FA, PSD
ST026	430 458.4	6 036 639.4	13.8	FA, PSD
ST027	433 436.5	6 036 640.5	13.0	FA, PSD
ST028	436 415.3	6 036 620.4	17.1	FA, PSD
ST029	439 624.2	6 036 347.1	17.1	FA, PSD
ST030	418 611.9	6 039 938.2	19.7	FA, PSD,
ST031	420 728.2	6 039 327.8	18.8	FA, PSD, CA
ST032	424 988.6	6 039 623.6	19.7	FA, PSD,
ST033	427 421.6	6 039 623.0	14.8	FA, PSD
ST034	430 263.7	6 039 208.4	14.9	FA, PSD
ST035	433 391.8	6 039 629.8	14.9	FA, PSD

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Depth [m BSL]	Sample Acquisition
ST036	436 412.9	6 039 630.9	13.5	FA, PSD
ST037	439 409.7	6 039 640.6	13.8	FA, PSD
ST038	409 451.0	6 042 703.0	18.0	FA, PSD, CA
ST039	412 404.7	6 042 634.4	19.1	FA, PSD
ST040	415 433.0	6 042 609.6	20.7	FA, PSD, CA
ST041	418 431.9	6 042 633.0	18.0	FA, PSD
ST042	421 657.3	6 043 277.2	18.1	FA, PSD
ST043	424 431.6	6 042 620.7	19.7	FA, PSD
ST044	427 440.5	6 042 637.4	14.0	FA, PSD, CA
ST045	430 442.9	6 042 661.3	13.9	FA, PSD
ST046	433 420.2	6 042 660.1	15.0	FA, PSD, CA
ST047	436 417.5	6 042 615.1	14.0	FA, PSD
ST048	400 411.4	6 045 630.4	32.4	FA, PSD
ST049	403 452.3	6 045 588.3	36.3	FA, PSD
ST050	406 417.0	6 045 611.1	17.0	FA, PSD
ST051	409 432.4	6 045 647.3	23.0	FA, PSD
ST052	412 628.8	6 046 190.6	19.8	FA, PSD
ST053	415 450.3	6 045 619.1	17.9	FA, PSD
ST054	418 445.0	6 045 650.4	20.0	FA, PSD
ST055	421 448.0	6 045 625.8	19.3	FA, PSD
ST056	424 434.8	6 045 594.3	19.9	FA, PSD
ST057	427 432.8	6 045 636.5	21.6	FA, PSD
ST058	430 417.9	6 045 646.8	20.9	FA, PSD
ST059	433 430.9	6 045 634.8	20.5	FA, PSD
ST060	436 433.3	6 045 621.1	19.1	FA, PSD
ST061	391 430.0	6 048 625.2	31.9	FA, PSD
ST062	394 445.2	6 048 610.8	32.6	FA, PSD
ST063	396 920.9	6 048 592.5	29.0	FA, PSD, CA
ST064	400 401.2	6 048 611.0	28.8	FA, PSD
ST065	403 547.8	6 048 943.9	32.5	FA, PSD
ST066	406 404.6	6 048 649.9	23.0	FA, PSD
ST067	409 466.9	6 048 616.9	18.0	FA, PSD
ST068	412 428.0	6 048 622.6	18.6	FA, PSD
ST069	415 498.6	6 048 641.5	17.9	FA, PSD, CA
ST070	418 436.1	6 048 626.1	21.2	FA, PSD

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Depth [m BSL]	Sample Acquisition
ST071	421 446.2	6 048 610.2	20.3	FA, PSD, CA
ST072	424 455.6	6 048 664.7	22.3	FA, PSD
ST073	427 451.1	6 048 610.3	23.8	FA, PSD
ST074	430 470.4	6 048 630.7	21.3	FA, PSD, CA
ST075	433 462.8	6 048 615.7	22.2	FA, PSD
ST076	435 958.5	6 048 391.9	21.5	FA, PSD
ST077	385 425.8	6 051 615.0	26.6	FA, PSD
ST078	388 341.8	6 051 713.2	32.4	FA, PSD, CA
ST079	391 437.1	6 051 606.4	32.9	FA, PSD
ST080	394 421.9	6 051 630.0	29.2	FA, PSD
ST081	397 088.8	6 051 667.9	31.8	FA, PSD
ST082	400 404.7	6 051 648.3	31.9	FA, PSD
ST083	403 445.0	6 051 630.7	25.5	FA, PSD
ST084	406 437.0	6 051 630.7	28.7	FA, PSD
ST085	409 468.3	6 051 600.9	18.0	FA, PSD, CA
ST086	412 416.9	6 051 645.5	17.7	FA, PSD
ST087	415 444.8	6 051 638.1	19.9	FA, PSD
ST088	418 432.3	6 051 606.7	21.1	FA, PSD
ST089	421 418.2	6 051 617.1	21.6	FA, PSD
ST090	424 413.9	6 051 650.7	21.7	FA, PSD,
ST091	427 442.3	6 051 600.6	25.6	FA, PSD
ST092	430 308.1	6 051 286.8	22.7	FA, PSD
ST093	385 847.5	6 054 496.5	34.0	FA, PSD
ST094	388 454.5	6 054 637.5	34.6	FA, PSD
ST095	391 427.1	6 054 625.5	34.0	FA, PSD
ST096	394 401.4	6 054 642.9	34.0	FA, PSD
ST098	400 944.3	6 054 557.4	20.0	FA, PSD, CA
ST099	403 448.7	6 054 624.8	28.6	FA, PSD
ST100	406 441.5	6 054 604.8	24.6	FA, PSD
ST101	409 417.7	6 054 634.0	17.3	FA, PSD
ST102	412 410.1	6 054 632.2	23.4	FA, PSD
ST103	415 469.0	6 054 596.7	25.3	FA, PSD, CA
ST104	418 452.7	6 054 584.9	20.8	FA, PSD
ST105	421 461.4	6 054 582.7	22.7	FA, PSD, CA
ST106	388 428.2	6 057 624.4	38.0	FA, PSD

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Depth [m BSL]	Sample Acquisition
ST107	391 434.7	6 057 611.9	37.0	FA, PSD, CA
ST108	394 462.9	6 057 605.2	36.7	FA, PSD
ST109	397 463.0	6 057 628.5	33.0	FA, PSD
ST110	400 430.0	6 057 642.7	22.0	FA, PSD
ST111	403 455.3	6 057 621.6	27.8	FA, PSD
ST112	406 448.2	6 057 630.9	22.4	FA, PSD
ST113	409 425.7	6 057 654.1	14.8	FA, PSD, CA
ST114	412 435.6	6 057 631.3	18.6	FA, PSD
ST115	415 455.6	6 057 593.4	20.6	FA, PSD
ST116	388 409.0	6 060 643.2	39.0	FA, PSD
ST117	391 418.5	6 060 634.7	35.0	FA, PSD
ST118	394 465.8	6 060 622.2	33.1	FA, PSD
ST119	397 459.1	6 060 646.6	33.0	FA, PSD
ST120	400 426.6	6 060 631.0	28.0	FA, PSD
ST121	403 892.2	6 061 080.3	24.8	FA, PSD, CA
ST122	406 434.7	6 060 640.1	20.0	FA, PSD
ST123	409 339.8	6 060 329.3	25.4	FA, PSD
ST124	391 426.9	6 063 626.8	36.3	FA, PSD
ST125	394 476.8	6 063 620.7	36.7	FA, PSD, CA
ST126	397 452.3	6 063 635.3	30.0	FA, PSD
ST127	400 422.0	6 063 640.2	22.0	FA, PSD
ST128	391 444.7	6 066 648.8	30.1	FA, PSD
ST129	394 425.6	6 066 622.0	32.3	FA, PSD
ST130	394 322.6	6 047 333.0	30.3	FA, PSD
ST131	403 989.7	6 044 312.7	34.1	FA, PSD
ST132	413 454.2	6 041 548.0	15.9	FA, PSD
ST133	384 153.2	6 047 509.7	52.6	FA, PSD
ST134	379 627.8	6 045 377.7	60.8	FA, PSD, CA
ST135	375 130.8	6 043 205.0	67.7	FA, PSD
ST136	370 623.2	6 041 051.3	56.0	FA, PSD
ST137	365 785.4	6 038 758.1	55.9	FA, PSD
ST138	416 539.7	6 036 817.2	17.3	FA, PSD
ST139	411 587.9	6 035 926.7	42.2	FA, PSD
ST140	406 676.1	6 035 020.2	45.0	FA, PSD
ST141	401 749.5	6 034 171.2	34.0	FA, PSD, CA

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Depth [m BSL]	Sample Acquisition
ST142	396 682.7	6 034 447.3	53.0	FA, PSD
ST143	391 884.4	6 035 140.6	49.0	FA, PSD
ST144	386 956.1	6 035 826.6	54.0	FA, PSD
ST145	382 003.9	6 036 521.7	48.0	FA, PSD
ST146	377 031.2	6 037 163.6	54.0	FA, PSD, CA
ST147	372 084.6	6 037 752.8	56.2	FA, PSD
ST148	359 894.6	6 043 991.7	55.9	FA, PSD
ST149	364 106.7	6 046 666.0	55.3	FA, PSD
ST150	368 417.9	6 049 057.9	56.2	FA, PSD
ST151	373 435.5	6 049 383.7	57.3	FA, PSD, CA
ST152	378 442.8	6 049 425.8	37.1	FA, PSD
ST153	383 426.4	6 049 499.0	49.1	FA, PSD
ST154	345 176.1	6 025 852.3	61.8	FA, PSD
ST155	347 243.8	6 030 370.9	62.8	FA, PSD
ST156	349 883.3	6 034 614.8	57.0	FA, PSD, CA
ST157	353 051.5	6 038 475.3	56.2	FA, PSD
ST158	335 843.0	6 012 824.4	60.2	FA, PSD
ST159	331 679.2	6 010 069.7	58.0	FA, PSD
ST160	327 515.4	6 007 350.3	54.0	FA, PSD
ST161	323 310.3	6 004 590.8	55.7	FA, PSD, CA
ST162	319 205.9	6 001 753.7	52.9	FA, PSD
ST163	315 200.0	5 998 829.8	53.6	FA, PSD
ST164	311 217.6	5 995 731.4	46.4	FA, PSD, CA
ST165	306 859.8	5 993 639.6	39.2	FA, PSD
ST166	302 402.3	5 991 327.9	23.4	FA, PSD
ST167	298 087.5	5 988 761.9	20.5	FA, PSD
ST168	293 535.4	5 986 824.7	15.0	FA, PSD, CA
ST169	343 868.4	6 018 781.7	62.1	FA, PSD
ST170	347 067.0	6 022 563.8	59.2	FA, PSD
ST171	350 481.8	6 026 212.1	62.3	FA, PSD
ST172	353 913.8	6 029 849.1	50.3	FA, PSD, CA
ST173	357 569.3	6 033 243.8	47.6	FA, PSD
ST174	361 704.6	6 036 003.0	51.0	FA, PSD
ST175	360 763.2	6 038 880.6	49.8	FA, PSD
ST176	355 756.5	6 038 962.3	53.7	FA, PSD

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]				
Station	Easting	Northing	Depth [m BSL]	Sample Acquisition
ST177	292 004.2	5 986 478.0	15.4	FA, PSD
ST178	339 967.4	6 015 645.3	61.3	FA, PSD, CA
ST179	342 608.0	6 020 531.7	60.6	FA, PSD
ST180	355 651.0	6 041 313.8	57.2	FA, PSD
Notes BSL = Below sea level CA = Chemical analysis FA = Faunal sample A				

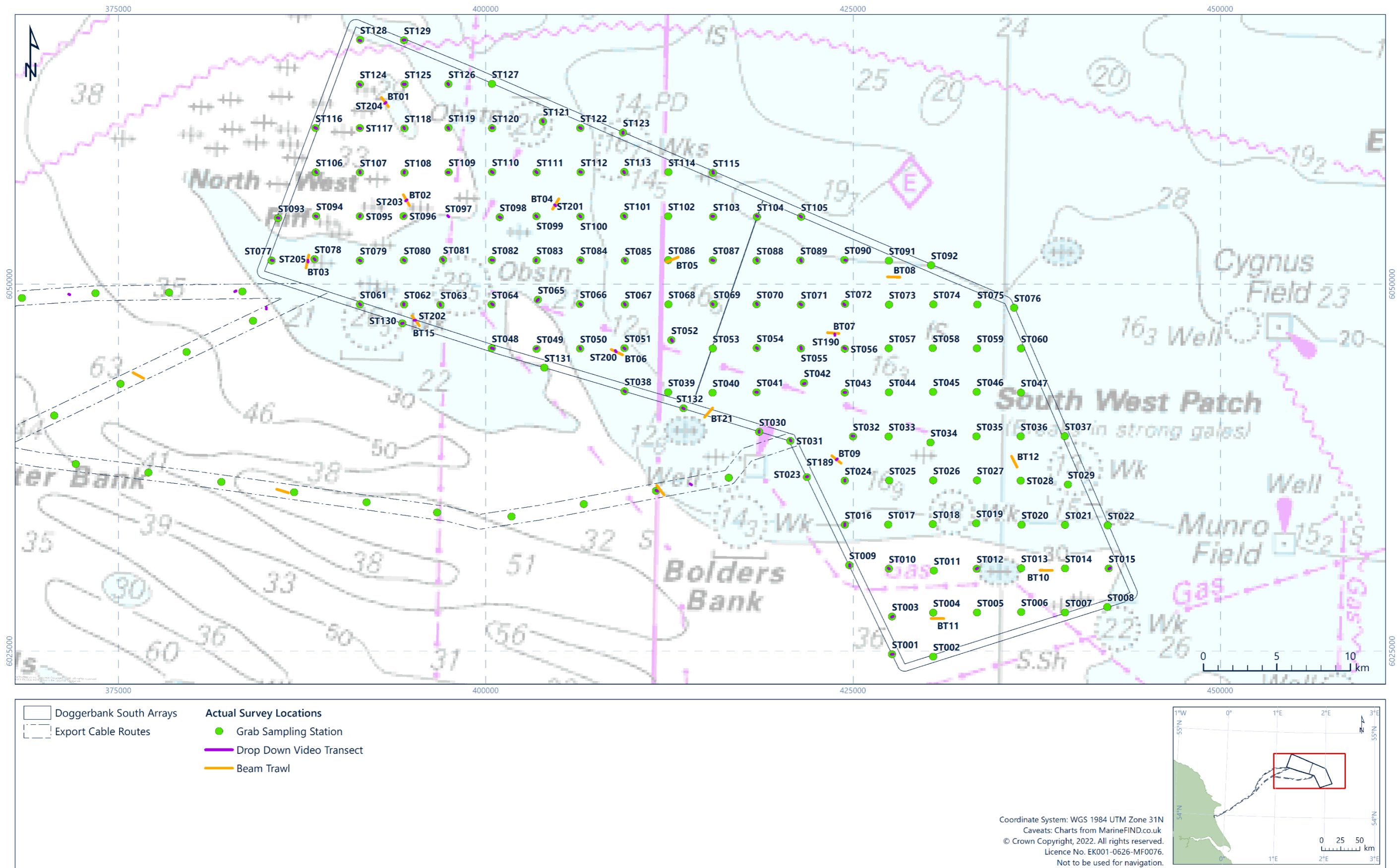
4.1.3 Beam Trawl Sampling

Beam trawl sampling was successfully completed at all 24 proposed stations (Table 4.3). Figures 4.1 and 4.2 spatially display completed environmental sampling stations within the proposed arrays and along the proposed ECR, respectively.

Table 4.3: Completed beam trawl stations

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]					
Beam trawl station		Easting	Northing	Depth [m BSL]	Length [m]
BT01	SOL	393 377	6 062 091	23	812.5
	EOL	392 884	6 062 737	36	
BT02	SOL	394 384	6 056 092	44	830.2
	EOL	394 793	6 055 369	44	
BT03	SOL	387 757	6 051 110	30	897.0
	EOL	387 944	6 051 987	30	
BT04	SOL	404 971	6 055 819	23	814.5
	EOL	404 551	6 055 108	27	
BT05	SOL	413 091	6 051 839	21	825.3
	EOL	412 277	6 051 512	15	
BT06	SOL	408 539	6 045 560	20	877.5
	EOL	409 299	6 045 197	20	
BT07	SOL	423 251	6 046 699	15	842.7
	EOL	424 039	6 046 649	15	
BT08	SOL	428 184	6 050 481	20	790.2
	EOL	427 342	6 050 494	20	
BT09	SOL	424 180	6 037 801	8	842.2
	EOL	423 556	6 038 311	8	

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]					
Beam trawl station		Easting	Northing	Depth [m BSL]	Length [m]
BT10	SOL	437 722	6 030 520	30	806.2
	EOL	438 554	6 030 509	31	
BT11	SOL	431 169	6 027 226	33	831.3
	EOL	430 311	6 027 219	32	
BT12	SOL	436 157	6 037 539	14	857.7
	EOL	435 788	6 038 282	15	
BT13	SOL	309 427	5 994 212	45	828.9
	EOL	309 608	5 994 972	45	
BT14	SOL	322 642	6 004 599	51	781.4
	EOL	323 413	6 004 232	52	
BT15	SOL	394 969	6 047 844	28	853.8
	EOL	395 475	6 047 172	28	
BT16	SOL	355 225	6 041 063	54	841.1
	EOL	354 885	6 040 278	54	
BT17	SOL	352 753	6 028 064	48	855.3
	EOL	352 292	6 028 711	51	
BT18	SOL	385 763	6 036 030	55	795.1
	EOL	386 565	6 035 792	55	
BT19	SOL	295 200	5 987 483	6	782.3
	EOL	296 075	5 987 594	6	
BT20	SOL	316 101	5 998 703	48	836.7
	EOL	315 876	5 999 459	48	
BT21	SOL	415 436	6 041 573	15	882.2
	EOL	414 885	6 040 937	15	
BT22	SOL	339 075	6 014 827	58	788.7
	EOL	339 488	6 015 545	58	
BT23	SOL	375 982	6 043 969	65	842.2
	EOL	376 706	6 043 583	66	
BT24	SOL	411 632	6 036 307	39	828.6
	EOL	412 127	6 035 647	40	
Notes BSL = Below sea level SOL = Start of line EOL = End of line					



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Figure 4.1: Completed environmental survey locations in the proposed arrays overlain on Admiralty chart data

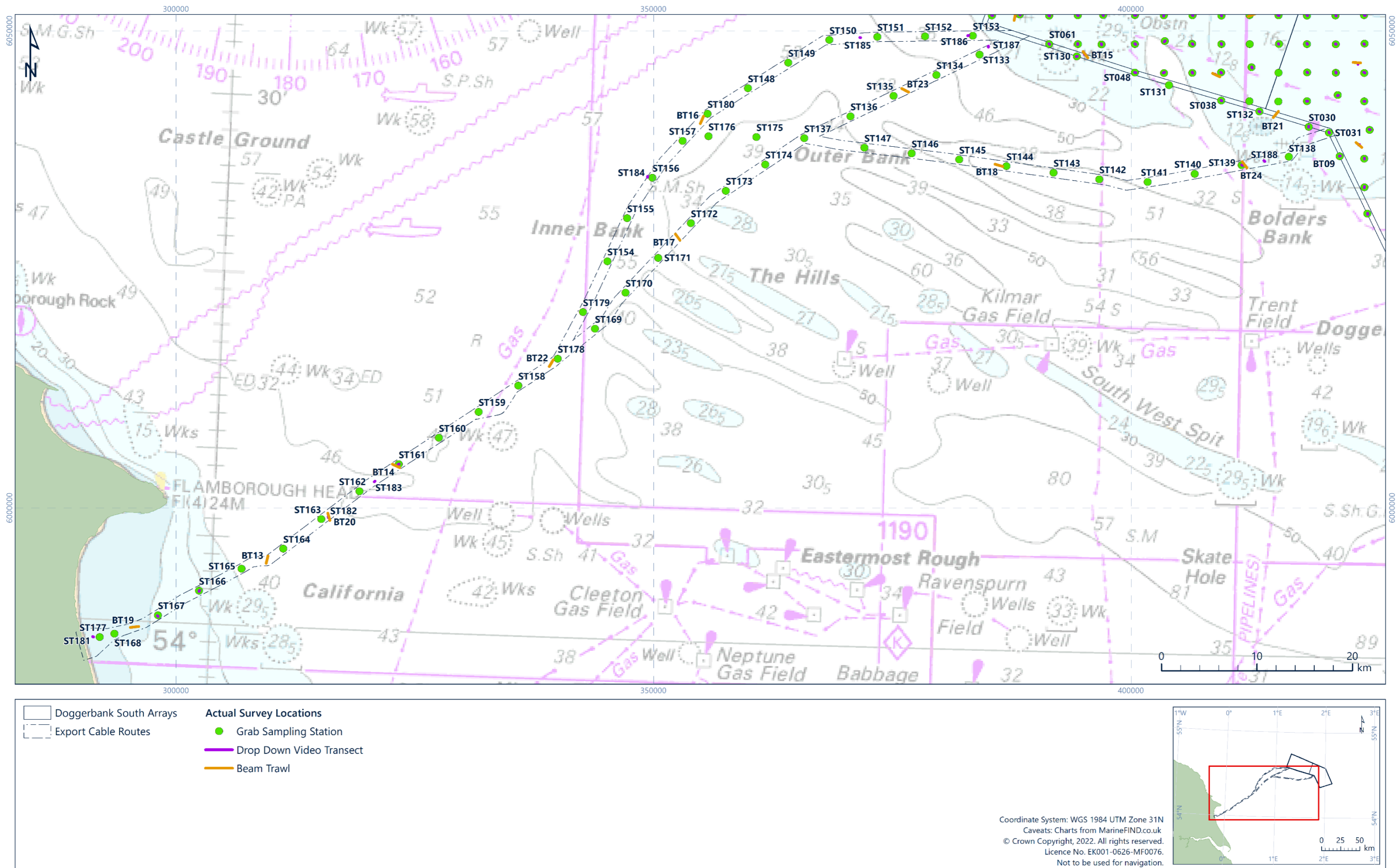


Figure 4.2: Completed environmental survey locations along the proposed export cable routes overlain on Admiralty chart data

4.2 Seabed Habitats and Fauna

The seabed observed across the survey area primarily comprised sand/muddy sand with varying proportions of shell fragments. The majority of the area was classified as the EUNIS level 4 habitat type 'Faunal communities of Atlantic circalittoral sand' (MC521), while shallower areas (< 20 m depth) were classified as the habitat type 'Faunal communities of full salinity Atlantic infralittoral sand' (MB523) and deeper areas (> 50 m depth) were classified as the habitat type 'Faunal communities in Atlantic offshore circalittoral sand' (MD521).

Some stations appeared to have a higher proportion of mud and were classified as the EUNIS habitat type 'Faunal communities of circalittoral mud' (MC621). Sediment descriptions are based on the Folk (1954) classification, in which 'sandy mud' describes sediments comprised of 50 % to 90 % mud, and muddy sand is comprised of 10% to 50 % mud, with the remainder comprised predominantly of sand (Folk, 1954; Kaskela et al., 2019). Where mud and sand proportions are close 50 %, it is difficult to determine the exact biotope based on photographic data alone, and biotope classification will therefore be reviewed upon analysis PSD data and represented in the Benthic Ecology Monitoring Report.

Sediments comprising shell fragments, pebbles and occasional cobbles/boulders were classified as the EUNIS habitat type 'Faunal communities of Atlantic circalittoral coarse sediment' (MC321) or its offshore equivalent (MD321) in water depths greater than 50 m. In areas comprising muddy, sandy gravel with cobbles and occasional boulders, sediments were classified as 'Faunal communities of Atlantic circalittoral mixed sediment' (MC421). Based on Folk (1954) classification and the five classes proposed by Kaskela et al. (2019), coarse sediments comprise either $\geq 80\%$ gravel or $\geq 5\%$ and $\geq 90\%$ sand, while mixed sediments comprise $\geq 10\%$ - 95% mud, $< 90\%$ sand and $\geq 5\%$ gravel. Similarly to the mud : sand split mentioned above, where sand proportions are near 90% and gravel content is low ($\geq 5\%$), it is difficult to determine the exact biotope based on photographic data alone. Biotopes may therefore be refined upon analysis of PSD data and presented in the Benthic Ecology Monitoring Report.

Patches of firm clay were recorded within other sediment types at six stations. These areas were classified as the biotope complex 'Piddocks with a sparse associated fauna in Atlantic circalittoral very soft chalk or clay' (MC1251) due to the presence of potential piddock burrows.

Table 4.4 presents the classification hierarchy for the habitats observed within the survey area. Figures 4.9 and 4.10 spatially present the habitats observed across the survey area within the proposed arrays and along the proposed ECR, respectively.

Table 4.4: Habitat classifications

EUNIS (EEA, 2022) Habitat Classification				Equivalent JNCC (2022) Classification
Environment Level 1	Broad Habitat Level 2	Habitat Level 3	Biotope Complex Level 4 & 5	
M Marine benthic habitats	MB5 Infralittoral sand	MB52 Atlantic infralittoral sand	MB523 Faunal communities of full salinity Atlantic infralittoral sand	SS.SSa.IFiSa Infralittoral fine sand SS.SSa.IMuSa Infralittoral muddy sand
	MC1 Circalittoral rock	MC12 Atlantic circalittoral rock	MC125 Communities on Atlantic circalittoral soft rock MC1251 Piddocks with a sparse associated fauna in Atlantic circalittoral very soft chalk or clay	CR.MCR.SfR.Pid Piddocks with a sparse associated fauna in sublittoral very soft chalk or clay
	MC3 Circalittoral coarse sediment	MC32 Atlantic circalittoral coarse sediment	MC321 Faunal communities of Atlantic circalittoral coarse sediment	SS.SCS.CCS Circalittoral coarse sediment
	MC4 Circalittoral mixed sediment	MC42 Atlantic circalittoral mixed sediment	MC421 Faunal communities of Atlantic circalittoral mixed sediment	SS.SMx.CMx Circalittoral mixed sediment
	MC5 Circalittoral sand	MC52 Atlantic circalittoral sand	MC521 Faunal communities of Atlantic circalittoral sand	SS.SSa.CFiSa Circalittoral fine sand SS.SSa.CMuSa Circalittoral muddy sand
	MC6 Circalittoral mud	MC62 Atlantic circalittoral mud	MC621 Faunal communities of Atlantic circalittoral mud	SS.SMu.CSaMu Circalittoral sandy mud SS.SMu.CFiMu Circalittoral fine mud
	M Marine benthic habitats	MD3 Offshore circalittoral coarse sediment	MD32 Atlantic offshore circalittoral coarse sediment	MD321 Faunal communities of Atlantic offshore circalittoral coarse sediment
MD5 Offshore circalittoral sand		MD52 Atlantic offshore circalittoral sand	MD521 Faunal communities of Atlantic offshore circalittoral sand	SS.SSa.OSa Offshore circalittoral sand

4.2.1 Faunal communities of full salinity Atlantic infralittoral sand (MB523)

The EUNIS level 4 habitat type 'Faunal communities of full salinity Atlantic infralittoral sand' (MB523) comprises sand habitats in shallow water, usually without any significant algal component, with faunal communities consisting primarily of amphipods and polychaetes (e.g. *Lanice conchilega*). In muddier areas (5 % to 20 % silt/clay), communities may also include bivalves and sea urchins (*Echinocardium cordatum*; EEA, 2022).

This habitat type was identified at 23 stations, predominantly in the central, shallower area of the proposed arrays (< 20 m water depth; Figures 4.9 and 4.10).

Fauna observed in these areas was sparse, with all epifaunal taxa recorded at SACFOR densities that ranged between 'rare' and 'frequent'. Starfish (Asteroidea, including *Astropecten irregularis* and *Asterias rubens*) were observed at the majority of stations, while sandeels (Ammodytidae), faunal turf (Hydrozoa/Bryozoa including Flustridae) and hermit crabs (Paguridae) with associated hydrozoans (*Hydractinia* sp.) were observed at approximately half of the stations. Flatfish (Pleuronectiformes) were also observed at a number of stations and classified as 'frequent' where present (Appendix D).

Figure 4.4 presents example seabed photographs of this habitat.



A: Photograph ST023_04

Rippled sand with shell fragments and occasional pebbles

A: Starfish (*Astropecten irregularis*)



B: Photograph ST030_03

Rippled sand/muddy sand with shell fragments

No fauna identified



C: Photograph TR188_17

Rippled sand with a varying proportion of shell fragments

A: Starfish (*Astropecten irregularis*)

B: Sandeels (Ammodytidae)

C: Bryozoan (Flustridae)

Notes Laser distance (green) is 23 cm

Figure 4.3: Example seabed photographs of 'Faunal communities of full salinity Atlantic infralittoral sand' (MB523)

4.2.2 Piddocks with a sparse associated fauna in Atlantic circalittoral very soft chalk or clay (MC1251)

'Piddocks with a sparse associated fauna in Atlantic circalittoral very soft chalk or clay' (MC1251) occurs on circalittoral soft rock, which is sufficiently soft to be bored by bivalves, with the piddock *Pholas dactylus* the most widespread borer recorded. While it is typically too soft for rich epifaunal communities to establish, sessile fauna may include sponges and mobile fauna often includes crabs (*Necora puber* and *Cancer pagurus*; EEA, 2022). This habitat has most frequently been reported from tide-swept areas off the south-east of England (Tillin & Hill, 2016).

This habitat type was assigned to areas of firm clay, in some cases overlain by a veneer of sand, observed at 6 stations (stations ST001, ST003, ST048, ST061, ST124 and ST181), showing the characteristic round burrows of piddocks. These stations were found around the edges of the proposed arrays (five stations) and at the sampling station closest to shore (station ST181; Figures 4.9 and 4.10).

As is typical of this biotope, the clay seabed itself had little or no attached epifauna with piddock burrows (Imparidentia) evident and abundances ranging from 'Frequent' to 'Abundant' (Appendix D). The most commonly occurring mobile epifauna recorded in this biotope were starfish (*A. rubens* and *A. irregularis*) and crabs (Brachyura, including *Necora puber*). In areas of coarser sediment, faunal turf (Hydrozoa/Bryozoa, including *Halecium* sp., *Alcyonidium diaphanum*, *Flustra foliacea* and *Nemertesia* sp.) and additional crustaceans, including lobster (*Homarus gammarus*) and shrimp (Caridea), were also observed. This biotope complex occurred in patches within mixed sediment areas classified as 'Faunal communities of Atlantic circalittoral mixed sediment' (MC421) at three stations (stations ST061, ST124 and ST181) and in areas classified as 'Faunal communities of Atlantic circalittoral sand' (MC521) at two stations (stations ST001 and ST003). Therefore, there is likely to be some overlap of epifauna with the adjacent habitats, including the presence of soft coral (*Alcyonium digitatum*; Appendix D).

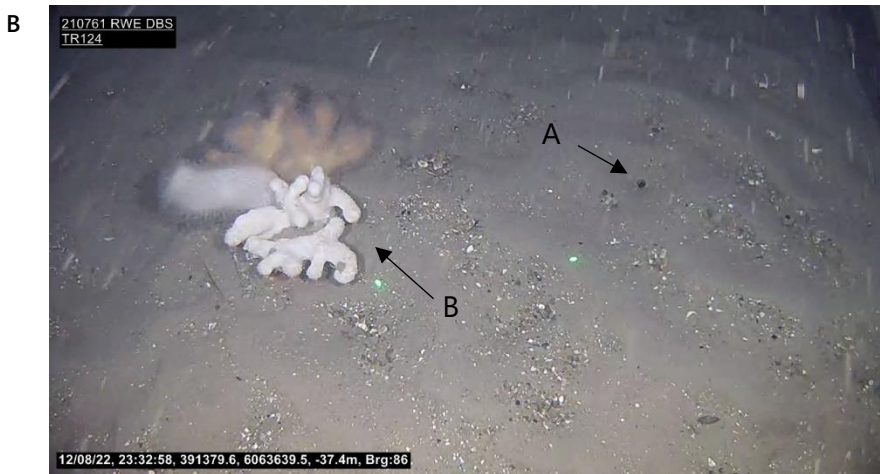
Figure 4.4 presents example seabed photographs of this habitat.



A: Photograph ST048_01

Muddy sand with shell fragments and pebbles overlying clay

A: Piddock burrows (*Imparidentia*)

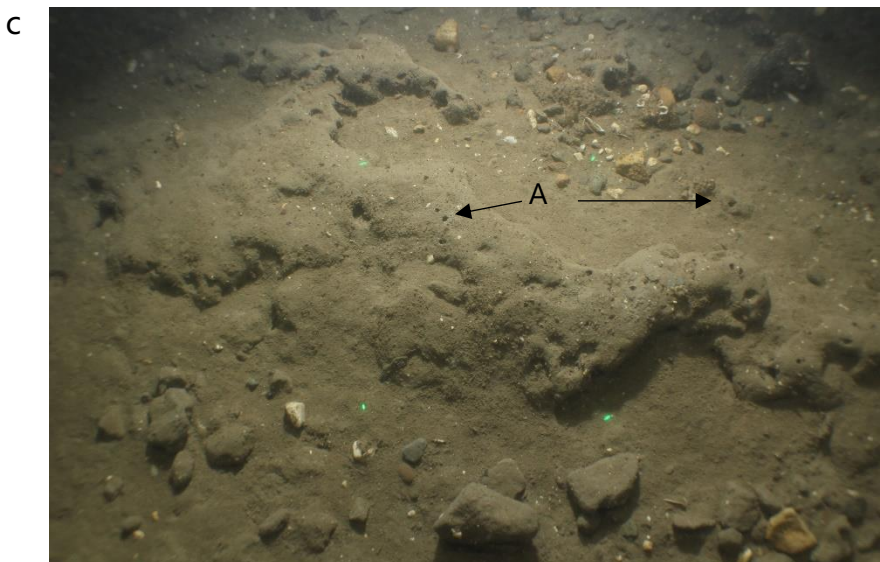


B: Photograph ST124_04

Sandy gravel with pebbles, cobbles and shell fragments overlying clay

A: Piddock burrows (*Imparidentia*)

B: Soft coral (*Alcyonium digitatum*)



C: Photograph ST181_21

Muddy (sandy) gravel with cobbles, pebbles, boulders and shell fragments) with emergent consolidated clay

A: Piddock burrows (*Imparidentia*)

Notes Laser distance (green) is 23 cm

Figure 4.4: Example seabed photographs of 'Piddocks with a sparse associated fauna in Atlantic circalittoral very soft chalk or clay' (MC1251)

4.2.3 Faunal communities of Atlantic circalittoral coarse sediment (MC321) and offshore coarse sediment (MD321)

The EUNIS level 4 habitat type 'Faunal communities of Atlantic circalittoral coarse sediment' (MC321) comprises tide-swept circalittoral coarse sands, gravel and shingle, typically deeper than 15 m to 20 m in tidal channels, along exposed coasts and offshore (MD321) (EEA, 2022). According to the 5 classes proposed by Kaskela et al. (2019), coarse sediments comprise either greater than 80 % gravel or greater than 5 % gravel with greater than 90 % sand. These habitats are usually characterised by infaunal polychaetes, mobile crustacea and bivalves, with deeper habitats typically being more diverse and closely related to those found in offshore mixed sediments (EEA, 2022).

The shallower circalittoral habitat type (< 50 m depth) was observed at 22 stations predominantly located in the western array, while the offshore component was observed at two stations (stations ST183 and ST185) located on the proposed ECR (Figures 4.9 and 4.10). From photographic data the seabed comprised rippled sands with areas of sandy gravel or gravelly sand and cobbles, which corresponded with field observations of the grab samples.

Fauna was sparse in areas with a higher proportion of sand, and predominantly comprised starfish (Asteroidea, including *A. rubens* and *A. irregularis*). In areas with a higher proportion of coarser sediments, higher density and diversity was observed. Fauna observed at the majority of both shallow and offshore stations (MC321 and MD321) included soft coral (*Alcyonium digitatum*), which was classified as 'Rare' at shallow stations (MC321) and 'Frequent' to 'Common' at deeper stations (MD321). Faunal turf (Hydrozoa/Bryozoa including Flustridae, *Halecium* sp., *Nemertesia* sp., Tubulariidae, *Bugula* sp. and *A. diaphanum*) was also observed at the majority of stations, with abundances classified as 'Rare' to 'Common' at shallow stations, and 'Rare' to 'Occasional' at offshore stations. Starfish (Asteroidea including *A. rubens* and *A. irregularis*) were observed at several stations and ranged in abundance from 'Rare' to 'Frequent'. Flatfish (Pleuronectiformes) and various crustaceans (*N. puber*, *H. gammarus*, *C. pagurus*, *Liocarcinus* sp., Inachidae, Galattheoidea and Paguridae) were also observed (Appendix D).

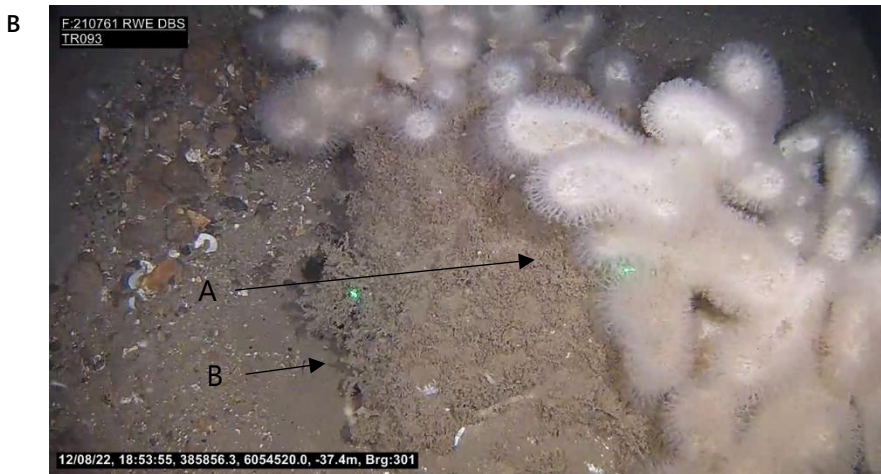
Figure 4.5 presents example seabed photographs of this habitat.



A: Photograph ST012_01

Gravelly sand/muddy sand with shell fragments and pebbles

No fauna identified

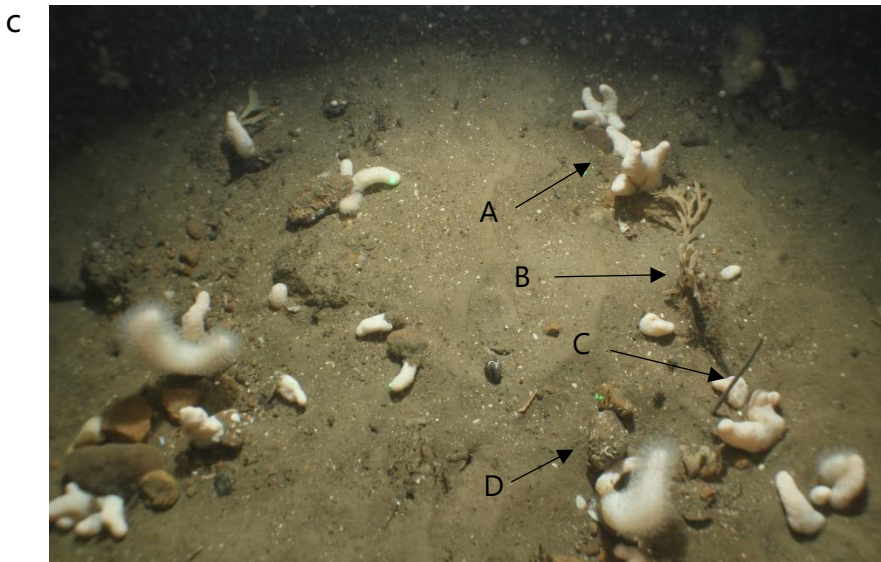


B: Photograph ST093_14

Rippled (gravelly) sand with a varying proportion of shell fragments, pebbles and infrequent boulders

A: Soft coral (*Alcyonium digitatum*)

B: Faunal turf (Hydrozoa/Bryozoa)



C: Photograph ST183_13

Gravelly sand/sandy gravel with pebbles, cobbles, boulders and shell fragments

A: Soft coral (*Alcyonium digitatum*)

B: Faunal turf (Hydrozoa/Bryozoa)

C: Worm tubes (*Sabellidae*)

D: Worm tubes (*Serpulidae*)

Notes Laser distance (green) is 23 cm

Figure 4.5: Example seabed photographs of 'Faunal communities of Atlantic circalittoral coarse sediment' (MC321) and 'Faunal communities of Atlantic offshore circalittoral coarse sediment' (MD321)

4.2.4 Faunal communities of Atlantic circalittoral mixed sediment (MC421)

Mixed sediment habitat types in the circalittoral (MC421) include well mixed muddy gravelly sands and very poorly sorted mosaics of shell, cobbles and pebbles either embedded in or lying on mud, sand or gravel (EEA, 2022). These sediments comprise $\geq 10\%$ - 95% mud, $< 90\%$ sand and $\geq 5\%$ gravel (Kaskela et al., 2019).

The large variability in seabed composition often gives rise to very diverse faunal communities comprising infaunal polychaetes, bivalves, echinoderms and burrowing anemones in softer sediments, and taxa such as hydrozoans found on harder substrates provided by shells, pebbles and cobbles. Faunal communities in areas of coarser mixed sediment may resemble those found in coarse sediment habitat types (EEA, 2022).

This habitat type was assigned to the areas of mixed sediments comprising varying proportions of mud, sand, gravel, pebbles and cobbles found at five stations (stations ST061, ST117, ST124, ST125 and ST181) located in the western array or nearest to the shore (station ST181) and overlapping with the piddock biotope complex (MC1251) as described previously at two stations (stations ST061 and ST181; Figures 4.9 and 4.10).

While fauna was generally sparse in these areas, cobbles, pebbles and boulders provided attachment areas for soft coral (*A. digitatum*) with abundances ranging from 'Rare' to 'Frequent' and faunal turf (Hydrozoa/Bryozoa including Flustridae: *Securiflustra securifrons*, and *F. foliacea*) which ranged from 'Rare' to 'Common'. Anemones (Actiniaria) and starfish (*A. rubens*) were observed at half of the stations, with anemone abundances classified as 'Rare' to 'Occasional' and starfish classified as 'Occasional', where present. In areas where mixed habitats occurred along with habitat type MC1251, piddocks were observed and ranged from 'Common' to 'Abundant' as described previously (Appendix D).

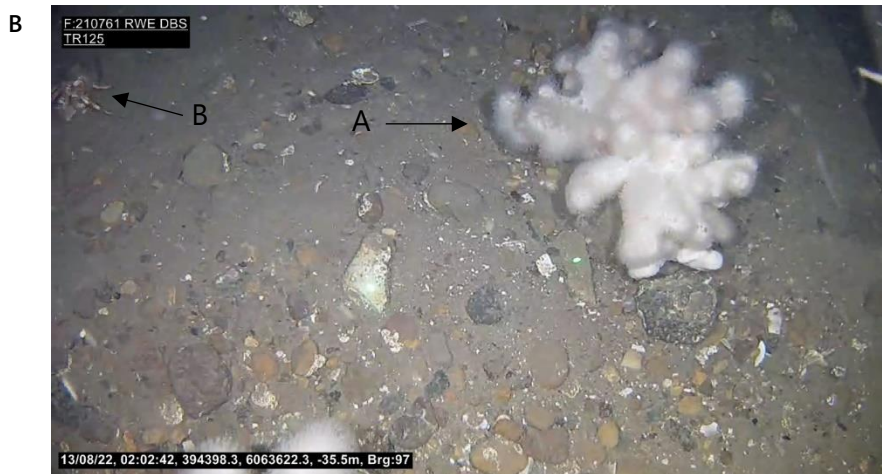
Figure 4.6 presents example seabed photographs of this habitat.



A: Photograph ST061_20

Muddy sandy gravel with pebbles, cobbles and shell fragments

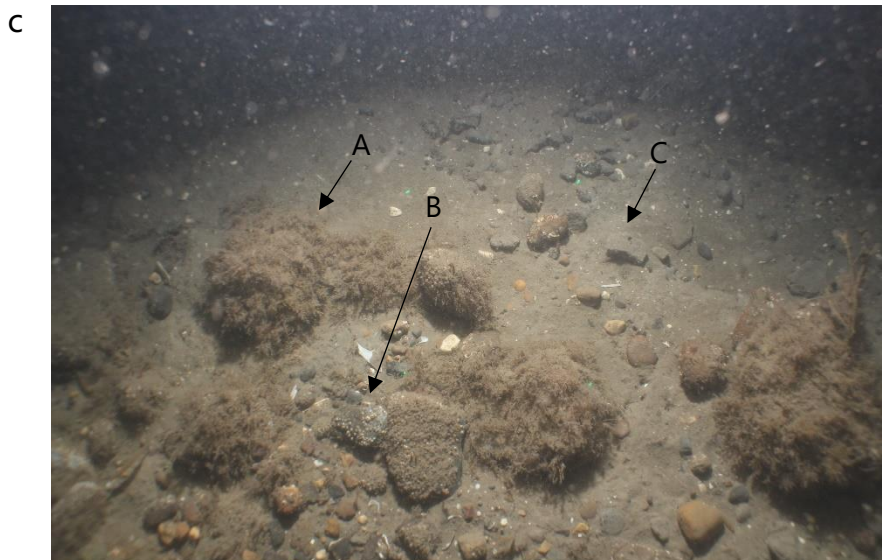
- A: Soft coral (*Alcyonium digitatum*)
- B: Faunal turf (Hydrozoa/Bryozoa)
- C: Crab (*Necora puber*)
- D: Piddock burrows (*Imparidentia*)



B: Photograph ST125_03

Gravelly muddy sand with patches of coarser sediment inc. pebbles, cobbles, boulders and shell fragments

- A: Soft coral (*Alcyonium digitatum*)
- B: Hermit crab (*Paguridae*)



C: Photograph ST181_16

Muddy (sandy) gravel with cobbles, pebbles, boulders and shell fragments) with emergent consolidated clay

- A: Faunal turf (Hydrozoa/Bryozoa)
- B: Barnacles (*Sessilia*)
- C: Piddock burrows (*Imparidentia*)

Notes Laser distance (green) is 23 cm

Figure 4.6: Example seabed photographs of 'Faunal communities of Atlantic circalittoral mixed sediment' (MC421)

4.2.5 Faunal communities of Atlantic circalittoral sand (MC521) and offshore circalittoral sand (MD521)

The sand habitat types 'Faunal communities of Atlantic circalittoral sand' (MC521) and its offshore equivalent (MD521) includes fine sand (< 5 % mud) and muddy sand (5 % to 20 % mud) habitats. In the circalittoral, such habitats are found both on the open coast and in tide-swept channels at depths over 15 m to 20 m with faunal communities dominated by echinoderms, polychaetes and bivalves. Although very little data are available for the offshore components of this habitat type, offshore areas are expected to be more stable than shallower areas with communities comprised of various species of polychaetes, amphipods, bivalves and echinoderms (EEA, 2022).

The circalittoral habitat type (MC521) was assigned to 58 stations, two of which overlapped with the piddock habitat type described previously (stations ST001 and ST003; MC1251), while the offshore component (MD521) was assigned to four stations (stations ST161, ST182, ST184 and ST186). These areas appeared to be comprised of sand or muddy sand with a varying proportion of shell fragments and were found across the majority of the proposed arrays and along deeper sections of the ECR (Figures 4.9 and 4.10).

Fauna was similar between circalittoral and offshore circalittoral areas and was generally sparse. Starfish (*A. irregularis* and *A. rubens*) were observed at the majority of stations and ranged in abundance from 'Occasional' to 'Frequent' and 'Rare' to 'Occasional', respectively. Faunal turf (Hydrozoa/Bryozoa, including *F. foliacea* and Tubulariidae) and hermit crabs (Paguridae) with associated hydrozoans (*Hydractinia* sp.) were also observed at several stations, both with abundances ranging from 'Rare' to 'Occasional'. In sandier sections, flatfish (Pleuronectiformes, including *Pleuronectes platessa* and Soleidae) were classified as 'Frequent' when present. In some areas, including offshore stations, occasional cobbles and boulders were observed and provided substrate for additional taxa, including soft coral (*A. digitatum*; Appendix D).

Figure 4.7 presents example seabed photographs of this habitat.

A

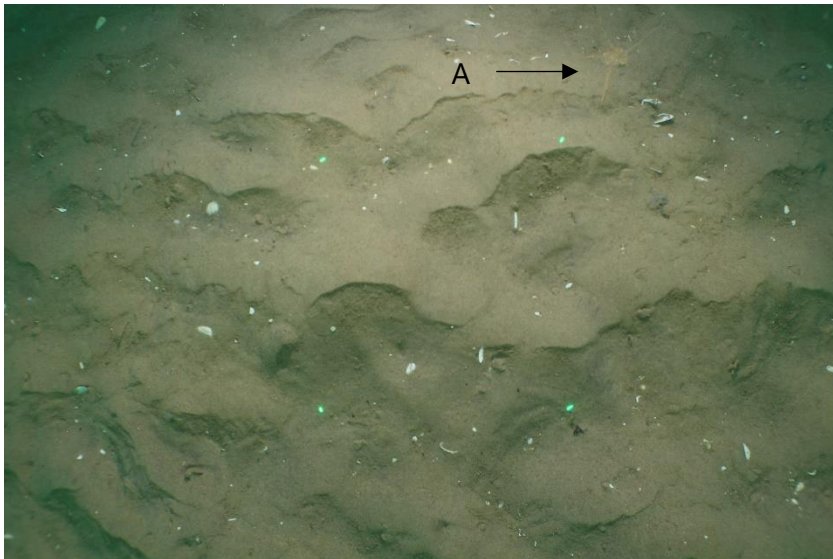


A: Photograph ST42_06

Rippled muddy sand/sandy mud with shell fragments

Faunal tracks

B



B: Photograph ST070_05

Rippled sand/muddy sand with shell fragments pebbles

A: Brittlestar (Ophiuroidea)

C



C: Photograph ST100_04

Rippled sand/sandy mud with shell fragments

No fauna identified

Notes Laser distance (green) is 23 cm

Figure 4.7: Example seabed photographs of 'Faunal communities of Atlantic circalittoral sand' (MC521) and 'Faunal communities of Atlantic offshore circalittoral sand' (MD521)

4.2.6 Faunal communities of Atlantic circalittoral mud (MC621)

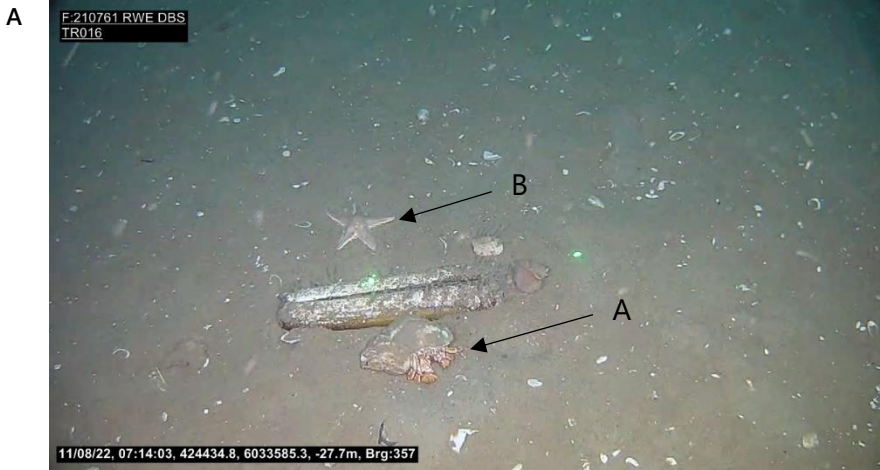
'Faunal communities of Atlantic circalittoral mud' (MC621) habitats comprise cohesive sandy mud (usually > 20% silt) in areas with little tidal and wave impact. In the circalittoral, these habitats are typically found below depths of 10 m.

Faunal communities are usually characterised by sea pens (including *Virgularia mirabilis* and *Pennatula phosphorea*) and brittlestars as well as infaunal tube-building polychaetes and bivalves. In deeper waters, burrowing anemones (*Cerianthus* sp.) and burrowing megafauna such as *Nephrops norvegicus* may also be prevalent.

This habitat type was assigned to eight stations in areas that appeared muddier (evident from the absence of a rippled surface in photographic data) and corresponding to stations where sediment samples were described as having higher mud content. These stations were predominantly located in the western array (Figures 4.9 and 4.10).

Epifauna was sparse in these areas with the most frequently observed taxa including hermit crabs (Paguridae including *Pagurus bernhardus*) with associated hydrozoans (*Hydractinia* sp.), which was classified as 'Rare' to 'Frequent' in abundance, and starfish (predominantly *A. rubens* and *A. irregularis*), which also ranged from 'Rare' to 'Frequent' on the SACFOR scale. Faunal turf (Hydrozoa/Bryozoa) was observed at the majority of stations of this habitat type, but at low abundances ('Rare' to 'Occasional'). Where observed, flatfish (Pleuronectiformes including Soleidae) and gadoid fish (Gadidae) were classified as 'Frequent' in abundance. Where occasional pebbles, cobbles and boulders were observed, epifauna also included soft coral (*A. digitatum*; Appendix D).

Figure 4.8 presents example seabed photographs of this habitat.



A: Photograph ST016_05

Muddy sand with shell fragments and pebbles

A: Hermit crab (*Pagurus bernhardus*)

B: Starfish (*Astropecten irregularis*)



B: Photograph ST049_10

Muddy sand with shell fragments and varying proportions of coarser sediment (pebbles and sporadic cobbles)

A: Flatfish (Pleuronectiformes)



C: Photograph ST139_18

Muddy sand with shell fragments and pebbles

A: Sole (Soleidae)

Notes Laser distance (green) is 23 cm

Figure 4.8: Example seabed photographs of 'Faunal communities of Atlantic circalittoral mud' (MC621)

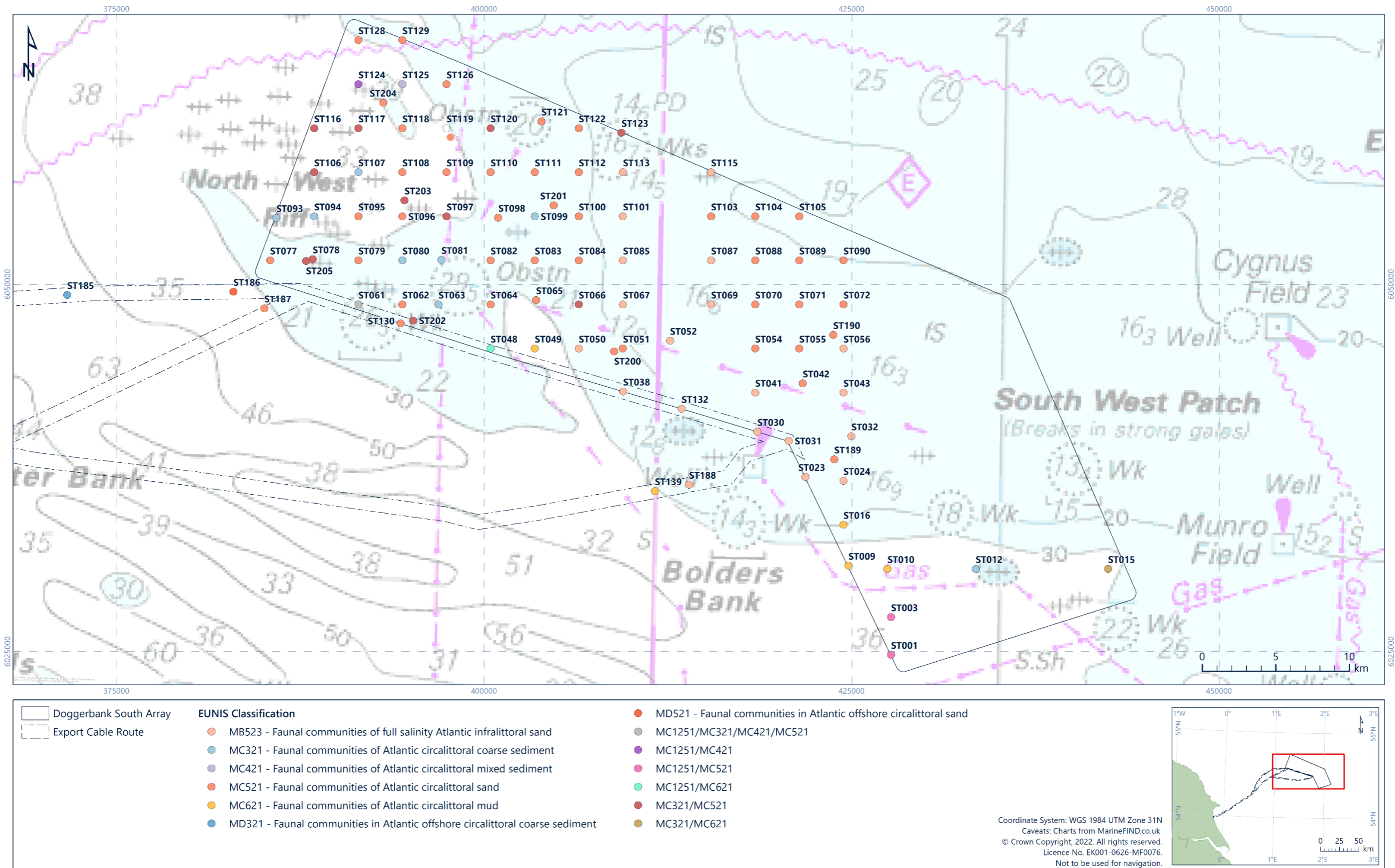
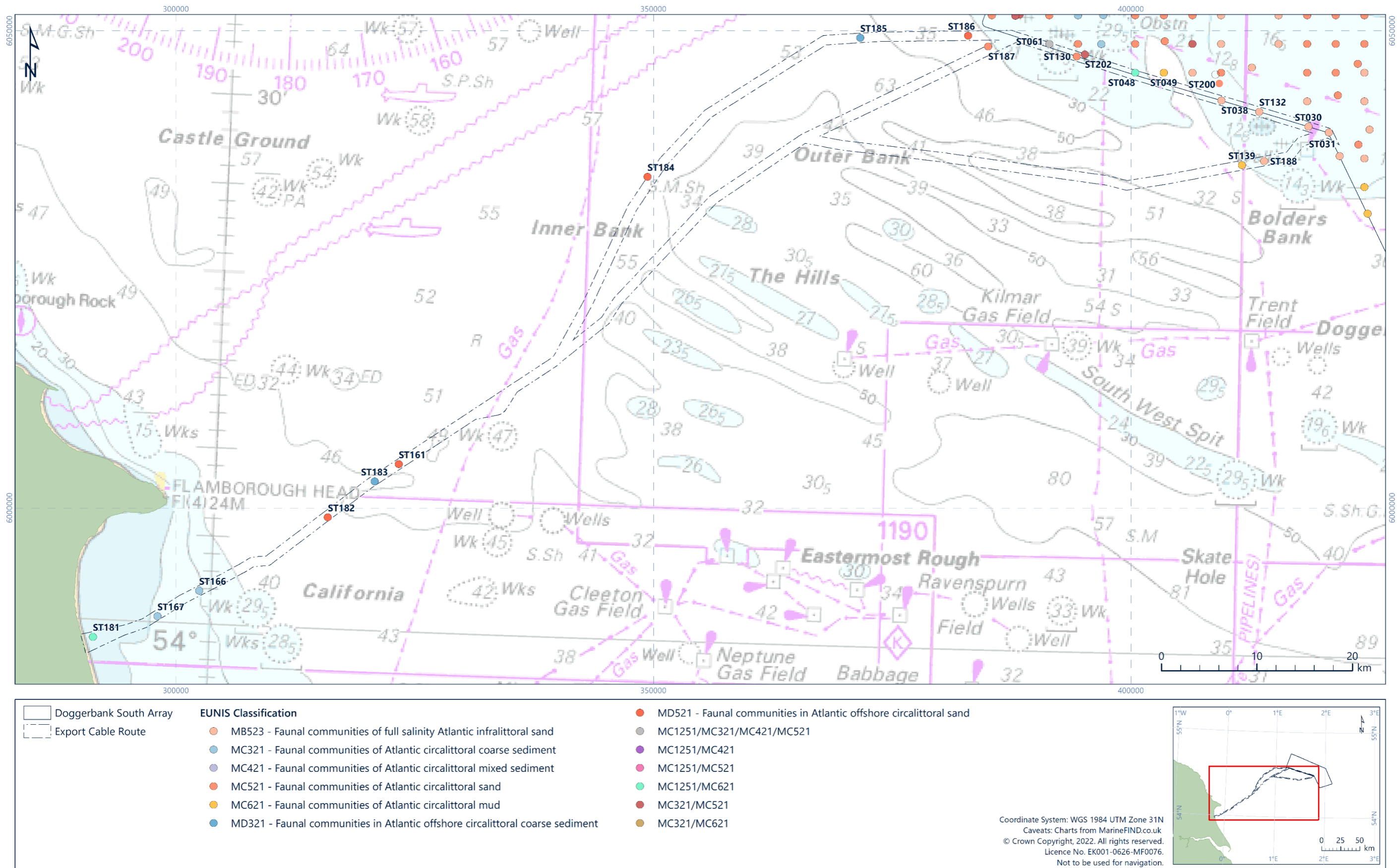


Figure 4.9: Completed environmental stations and EUNIS (EEA, 2022) habitat classifications within the proposed arrays



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Figure 4.10: Completed environmental stations and EUNIS (EEA, 2022) habitat classifications along the proposed export cable routes

4.3 Potential Sensitive Habitats and Species

4.3.1 Sandbanks

'Sandbanks which are slightly covered by sea water all the time' are known to occur within the area, since it is located in the Dogger Bank SAC, which is specifically designated for this Annex I habitat. This is also in accordance with sediment descriptions from the majority of the surveyed stations, which classified sediments as sandy habitat types (MB523, MC521 and MD521; Figure 4.9 and Figure 4.10). Ripples, ridges and sloping features will be further discussed in the Benthic Ecology Monitoring Report upon review of upon review of all environmental and final geophysical data.

4.3.2 Peat and Clay Exposures with Piddocks

Peat and clay exposures with piddocks are classified as a UK BAP listed priority habitat ('Peat and clay exposures with piddocks') and a Marine Conservation Zone (MCZ) Habitat FOCI Habitat FOCI ('Peat and clay exposures'). Piddocks are elongated burrowing bivalves and include *P. dactylus*, *Barnea candida* and *Barnea parva*. These are capable of boring into the soft peat and clay, creating a unique and fragile habitat (JNCC, 2008a).

Peat and clay exposures with either existing or historical evidence of piddock activity are unusual communities of limited extent. This habitat has been reported intertidally on southern coasts of the UK, from the north-west coast to the south and east coasts of England. Although the distribution of the subtidal element of this habitat is relatively unknown, they are likely to be found in areas where it occurs intertidally (Tillin & Hill, 2016).

Clay exposures, potentially representing the UK BAP listed habitat, were observed from the seabed photographic data at six stations (stations ST001, ST003, ST048, ST061, ST124 and ST181). No peat was observed from the seabed photographic data or samples.

4.3.3 Subtidal Sands and Gravels

Subtidal sands and gravels are classified as a priority habitat and a MCZ Habitat FOCI although it is recognised that this habitat is the most common habitat present subtidally around the coast of the UK (JNCC, 2008b).

'Sublittoral sand and gravel' habitats occur in a wide variety of environments and range from mainly sand, through various combinations of sand and gravel, to mainly gravel. Therefore, the majority of the biotopes identified within the current survey area may be considered to fall within this habitat type. Although 'Subtidal sands and gravels' are identified as a priority habitat and thought to be of conservation importance, this habitat is widespread within UK waters and represented within the MPA network (JNCC, 2022; Table 1.1).

4.3.4 Stony Reef

To qualify as a 'stony reef' there should be a minimum elevation of 64 mm above the seabed, a coverage of at least 10 % cobbles and boulders and a minimum area extent of 25 m². However, if 'low' is scored in any of the categories a strong justification would be required to consider the reef as contributing to the Marine Natura site network of qualifying reefs in terms of the EU Habitats Directive (Irving, 2009).

Due to the presence of cobbles, and occasional boulders in the photographic data, a stony reef assessment was required at 16 stations. The habitat type 'Faunal communities of Atlantic circalittoral mixed sediment' (MC421), which includes mosaics of shell, cobbles and pebbles, was identified from five stations within the survey area and aggregations of cobble and/or boulder sized material were seen at a further 11 stations which surveyed other habitat types. Two areas were classified as 'low' potential to be a stony reef (stations ST167 and ST181; Table 4.5).

Table 4.5: Summary of 'Stony reef' classifications

Geodetic Parameters: WGS 84, UTM Zone 31 N [m]						
Transect		Easting	Northing	Stony Reef Characteristics		
				% Cover Cobbles and Boulders	Elevation	Overall Assessment
ST048	SOL	400 375.5	6 045 651.2	0	Flat seabed	Not a Reef
	EOL	400 418.7	6 045 635.2			
	SOL	400 418.7	6 045 635.2	< 10	< 64 mm	Not a Reef
	EOL	400 512.5	6 045 614.1			
ST061	SOL	391 407.5	6 048 668.7	0	Flat seabed	Not a Reef
	EOL	391 432.9	6 048 635.5			
	SOL	391 432.9	6 048 635.5	0	Flat seabed	Not a Reef
	EOL	391 474.2	6 048 596.2			
	SOL	391 474.2	6 048 596.2	< 10	< 64 mm	Not a Reef
	EOL	391 479.7	6 048 592.9			
ST078	SOL	388 372.1	6 051 653.3	< 10	Flat seabed	Not a Reef
	EOL	388 346.4	6 051 703.6			
	SOL	388 346.4	6 051 703.6	< 10	< 64 mm	Not a Reef
	EOL	388 307.7	6 051 751.2			
ST097	SOL	397 470.8	6 054 601.8	< 10	< 64 mm	Not a Reef
	EOL	397 421.3	6 054 655.3			
ST116	SOL	400 375.5	6 045 651.2	0	Flat seabed	Not a Reef
	EOL	400 418.7	6 045 635.2			
	SOL	400 418.7	6 045 635.2	< 10	< 64 mm	Not a Reef
	EOL	400 512.5	6 045 614.1			
ST117	SOL	391 368.7	6 060 630.4	0	Flat seabed	Not a Reef
	EOL	391 371.1	6 060 635.5			
	SOL	391 371.1	6 060 635.5	< 10	Flat seabed	Not a Reef
	EOL	391 379.8	6 060 637.0			
	SOL	391 379.8	6 060 637.0	0	Flat seabed	Not a Reef
	EOL	391 483.6	6 060 596.0			
ST123	SOL	409 340.8	6 060 377.0	0	Flat seabed	Not a Reef
	EOL	409 346.9	6 060 286.2			

Geodetic Parameters: WGS 84, UTM Zone 31 N [m]						
Transect		Easting	Northing	Stony Reef Characteristics		
				% Cover Cobbles and Boulders	Elevation	Overall Assessment
	SOL	409 346.9	6 060 286.2	< 10	Flat seabed	Not a Reef
	EOL	409 341.9	6 060 262.8			
ST124	SOL	391 371.2	6 063 637.5	< 10	Flat seabed	Not a Reef
	EOL	391 388.1	6 063 639.8			
	SOL	391 388.1	6 063 639.8	< 10	< 64 mm	Not a Reef
	EOL	391 402.1	6 063 641.4			
	SOL	391 402.1	6 063 641.4	0	Flat seabed	Not a Reef
	EOL	391 425.6	6 063 637.0			
	SOL	391 425.6	6 063 637.0	< 10	< 64 mm	Not a Reef
	EOL	391 432.9	6 063 629.9			
	SOL	391 432.9	6 063 629.9	0	Flat seabed	Not a Reef
	EOL	391 487.0	6 063 558.6			
ST125	SOL	394 371.5	6 063 627.0	< 10	< 64 mm	Not a Reef
	EOL	394 514.8	6 063 627.6			
ST166	SOL	302 466.8	5 991 396.0	< 10	< 64 mm	Not a Reef
	EOL	302 404.4	5 991 267.3			
ST167	SOL	298 108.6	5 988 631.2	10 % – 40 %	64 mm - 5 m	Low reef
	EOL	298 042.9	5 988 680.2			
	SOL	298 042.9	5 988 680.2	0	Flat seabed	Not a Reef
	EOL	298 035.2	5 988 714.9			
ST181	SOL	291 354.6	5 986 480.1	< 10	< 64 mm	Not a Reef
	EOL	291 308.7	5 986 481.0			
	SOL	291 308.7	5 986 481.0	10 % – 40 %	64 mm - 5 m	Low reef
	EOL	320 827.6	6 002 817.0			
ST183	SOL	320 827.6	6 002 817.0	< 10	< 64 mm	Not a Reef
	EOL	320 745.7	6 002 753.0			
ST185	SOL	371 600.2	6 049 319.4	< 10	Flat seabed	Not a Reef
	EOL	371 685.0	6 049 291.3			
ST202	SOL	395 108.6	6 047 537.6	< 10	Flat seabed	Not a Reef
	EOL	395 125.3	6 047 523.3			
	SOL	395 125.3	6 047 523.3	0	Flat seabed	Not a Reef
	EOL	395 152.8	6 047 523.7			
	SOL	395 152.8	6 047 523.7	0	Flat seabed	Not a Reef
	EOL	395 188.4	6 047 537.2			
	SOL	395 188.4	6 047 537.2	0	Flat seabed	Not a Reef
	EOL	395 218.4	6 047 545.7			
ST205	SOL	387 893.8	6 051 517.2	0	Flat seabed	Not a Reef
	EOL	387 899.4	6 051 546.3			
	SOL	387 899.4	6 051 546.3	< 10	Flat seabed	Not a Reef
	EOL	387 892.7	6 051 623.5			
	SOL	387 892.7	6 051 623.5	0	Flat seabed	Not a Reef
	EOL	387 891.1	6 051 636.9			
Key:	Not a Reef		Low Reef		Medium Reef	

4.3.5 Other Potentially Sensitive Habitats and Species

Sandeels were observed at 26 stations comprising sandy sediments. The lesser sandeel (*Ammodytes marinus*) is a UK BAP Priority Species (UK Post-2010 Biodiversity Framework). In this instance, it was not possible to identify sandeels to species level, however. The suitability of the sandy areas as a habitat for sandeels will be assessed upon review of PSD data and presented in the Benthic Ecology Monitoring Report.

No other Annex I habitats or Annex II species, OSPAR threatened and/or declining species and habitats or UK Biodiversity Action Plan priority habitats and species were observed within the survey area.

5. Discussion

Analysis of photographic data in conjunction with field sediment descriptions and geophysical data interpretation showed that sediments across the survey area primarily comprised sands and muddy sands, with smaller areas comprised of mud and coarse and mixed sediment. This is in agreement with broad habitat descriptions from EMODnet (2022), which describes the majority of the sediments as sand with smaller areas comprised of coarse and mixed sediments.

The sandy biotopes encompassed in the EUNIS level 4 habitat type 'Faunal communities of Atlantic circalittoral sand' (MC521) occurred across the majority of the proposed arrays, 'Faunal communities of full salinity Atlantic infralittoral sand' (MB523) occurred in shallower areas primarily found in the middle of the proposed arrays and 'Faunal communities in Atlantic offshore circalittoral sand' (MD521) in deeper areas along the proposed ECR. Areas representing 'Faunal communities of Atlantic circalittoral coarse sediment' (MC321) were predominantly found in the western array with its offshore equivalent (MD321) identified in deeper water along the proposed ECR. 'Faunal communities of Atlantic circalittoral mixed sediment' (MC421) were also predominantly identified in the western array. Areas classified as the habitat type 'Faunal communities of Atlantic circalittoral mud' (MC621) were located near the south-western edge of the western array. The level 5 EUNIS biotope 'Piddocks with a sparse associated fauna in Atlantic circalittoral very soft chalk or clay' (MC1251) was identified in patches among other sediment types both within the proposed arrays and at the nearshore end of the proposed ECR.

Where mud and sand components are close to 50 %, it is difficult to assign the sand or mud biotopes based on photographic data alone, since these are differentiated by the proportion of silt/clay (mud) to sand. Folk classification (Folk, 1954) modified by Kaskela et al. (2019) describes sandy mud as sediments comprised of 50 % to 90 % mud, and muddy sand as comprised of 10% to 50 % mud, with the remainder comprised predominantly of sand (Folk, 1954; Kaskela et al., 2019). Usually sediments with less than 20 % mud (and typically < 5 % mud) are classified within the sand branch of the hierarchy, while mud biotopes are generally those with greater than 20 % mud (EEA, 2022). Similarly, coarse and mixed sediments can be difficult to distinguish based on photographic data alone when sand proportions are near 90 % and gravel content is low (≥ 5 %; Kaskela et al., 2019). Since the proposed arrays are located on the Dogger Bank, known to be a large sandbank, sand habitat types are likely to dominate, with muddier and coarser areas potentially present in deeper and less wave impacted areas between the proposed arrays and the shoreline along the ECR. These findings will be confirmed and EUNIS habitat classifications possibly further refined in the Benthic Ecology Monitoring Report upon review of macrofauna, geophysical and PSD data.

Epibenthic fauna observed within the survey area was generally sparse. The most frequently observed taxa in sandy areas included starfish (Asteroidea, including predominantly *A. irregularis*, *A. rubens*), hermit crabs (Paguridae) with associated hydrozoans (*Hydractinia*

sp.), faunal turf (Hydrozoa/Bryozoa) and flatfish (Pleuronectiformes). This is typical for sandy biotopes in the southern North Sea as described for the Dogger Bank (Wieking & Kröncke, 2003).

Areas classified as mixed sediments comprised sandy muds with cobbles, pebbles and occasional boulders, providing stable substrates and therefore a diverse attached epibenthic fauna. In these areas, dominant taxa identified from photographic data included soft coral (*A. digitatum*) and faunal turf (Hydrozoa/Bryozoa, including Flustridae, *Halecium* sp., *A. diaphanum*, Tubulariidae, possible *Nemertesia* sp and possible Bugulidae). Anemones (Actiniaria, including *Urticina* sp. and possible *Metridium* sp.) and barnacles (Sessilia) were also observed. Mobile fauna in mixed sediment areas was similarly diverse, and included various species of crustaceans, including lobster (*H. gammarus*), crabs (*Liocarcinus* sp., *N. puber*, Inachidae) and squat lobsters (Galatheaidea).

Faunal communities observed from photographic data obtained in predominantly sandy coarse sediments were sparse. Taxa observed primarily comprised starfish (*A. rubens* and *A. irregularis*). These sediments are typically very mobile and affected by tide and wave action, preventing more stable communities from establishing. Where coarse sediments included pebbles, cobbles and boulders, a more stable substrate and therefore higher diversity of epibenthic fauna was evident. The faunal composition in these areas was similar to that found in mixed sediment areas, and was dominated by soft coral (*A. digitatum*) and faunal turf (Hydrozoa/Bryozoa including *Flustra foliacea*, possible *Halecium* sp., *Tubulariidae*, *Nemertesia* sp. and *Bugula* sp.). Mobile fauna included lobster (*H. gammarus*), crabs (*Liocarcinus* sp., *N. puber*, Inachidae) and squat lobster (Galatheaidea) and fish (Callionymidae, Gadidae, Pleuronectiformes, Ammodytidae and unidentified fish: Gnathostomata).

The habitats, species and variation in habitats is considered typical of the area, in accordance with previous surveys in the area (Fugro, 2021) and as observed by Wieking & Kröncke (2003). Based on the sediment descriptions and epifaunal communities observed, four sensitive habitats and one sensitive species are thought to be potentially present within the survey area.

The proposed arrays are located on the Dogger Bank within the SAC specifically designated for the Annex I habitat 'Sandbanks which are slightly covered by sea water all the time' and therefore this sensitive habitat was expected within the survey area. Sandeels (Ammodytidae) were prevalent along several transects in sandier areas, and therefore there is potential for the UK BAP Priority Species (UK Post-2010 Biodiversity Framework) lesser sandeel (*A. marinus*) to be present within the survey area. It was not possible to identify the sandeels to species level based on drop-down video data alone, however. Sandeels have been shown to prefer sediments with higher proportions of coarse and medium sands as habitats for burial (Holland et al., 2005), which is a key part of their life cycle (Marine Scotland, 2021). Therefore, the suitability of the sandy areas as a habitat for sandeels will be assessed upon review of PSD data and presented in the Benthic Ecology Monitoring Report.

'Subtidal sands and gravels' are represented widely within the MPA network, and commonly found in the southern North Sea, including in offshore areas (JNCC, 2022; Table 1.1). Areas containing cobbles and boulders were considered to potentially form stony reef, and therefore an assessment was carried out to assess the reefiness and extent of these areas based on based on four criteria (i.e. composition, elevation, extent and biota). An overall assessment based on these criteria classified two areas as having low potential to qualify as Annex I geogenic reef habitat. These areas were identified from the two stations (stations ST167 and ST181) closest to shore, located on one of the proposed export cable routes (Table 4.5).

Consolidated mud was observed at six stations (stations ST001, ST003, ST048, ST061, ST124 and ST181). Round holes characteristic of piddock burrows were observed patchily in these sediments, and therefore the UK BAP listed priority habitat 'Peat and clay exposures with piddocks' is potentially present at these stations.

6. Conclusions

Seven level 4 EUNIS habitat types and one level 5 biotope complex were identified within the survey area:

- Faunal communities of full salinity Atlantic infralittoral sand (MB523);
- 'Piddocks with sparse associated fauna in sublittoral very soft chalk or clay' (MC1251);
- 'Faunal communities of Atlantic circalittoral coarse sediment' (MC321);
- 'Faunal communities of Atlantic circalittoral mixed sediment' (MC421);
- 'Faunal communities of Atlantic circalittoral sand' (MC521);
- 'Faunal communities of Atlantic circalittoral mud' (MC621);
- 'Faunal communities of Atlantic offshore coarse sediment' (MD321);
- 'Faunal communities of Atlantic offshore circalittoral sand (MD521).

This variability in habitat type is consistent with the EMODnet seabed habitats map. The faunal communities associated with these habitats are typical of this area of the southern North Sea.

Four potentially sensitive habitats and one potentially sensitive species were identified within the survey area:

- 'Sandbanks which are slightly covered by sea water all the time' are known to occur within the area, since it is located in the Dogger Bank SAC, which is specifically designated for this Annex I habitat. Sediments from the majority of the survey area were classified as sandy habitat types (MB523, MC521 and MD521; Figures 4.9 and 4.10) and could potentially represent this Annex I habitat. This will be confirmed upon review of bathymetric and PSD data when available;
- The United Kingdom Biodiversity Action Plan (UK BAP) listed priority habitat 'Peat and clay exposures with piddocks' occurred patchily at six stations (stations ST001, ST003, ST048, ST061, ST124 and ST181);
- The priority habitat and MCZ Habitat FOCI 'Subtidal sands and gravels' encompasses the majority of stations across the survey area, which included sandy biotopes and coarse sediments. However, these habitats are widely distributed within the North Sea and already included within UK MPA network, including the nearby Markham's Triangle and Holderness Offshore MCZs;
- Stony reef areas with low potential to qualify as Annex I geogenic reef habitat were identified from the two stations closest to shore on the ECR (stations ST167 and ST181);
- The lesser sandeel (*A. marinus*) is a UK BAP Priority Species (UK Post-2010 Biodiversity Framework). While sandeels were recorded at 26 stations, it was not possible from photographic data alone to identify sandeels to species level.
- No other sensitive habitats or species were observed within the survey area.

7. References

- European Environment Agency [EEA]. (2022). *The European Nature Information Service*. <https://eunis.eea.europa.eu/habitats-code-browser-revised.jsp>
- European Marine Observation Data Network [EMODnet]. (2021). *Seabed Habitats Project*. www.emodnet-seabedhabitats.eu
- Folk, R. L. (1954). The distinction between grain size and mineral composition in sedimentary-rock nomenclature. *The Journal of Geology*, 62(4), 344-359.
- Fugro. (2022a). *DBS WPM1 WPM2 WPM3 – Acquisition/Operations Report – Curtis Marshall*. (EcoDoc No.: 004267906-03). Fugro GB Marine Limited.
- Fugro. (2022b). *DBS WPM1 Array Area - Seafloor Results Report*. (EcoDoc No.: 004267910-01). Fugro GB Marine Limited.
- Fugro. (2022c). *DBS WPM1 Array Area - Shallow Geological Results Report*. (EcoDoc No.: 004267911-01). Fugro GB Marine Limited.
- Fugro. (2022d). *DBS WPM2 WPM3 ECR - Seafloor and Shallow Geological Results Report*. (EcoDoc No.: 004267912-01). Fugro GB Marine Limited.
- Gov.UK (2021). *Changes to the Habitats Regulations 2017. Policy paper*. <https://www.gov.uk/government/publications/changes-to-the-habitats-regulations-2017/changes-to-the-habitats-regulations-2017>
- Holland, G. J., Greenstreet, S. P., Gibb, I. M., Fraser, H. M., & Robertson, M. R. (2005). *Identifying sand eel *Ammodytes marinus* sediment habitat preferences in the marine environment*. Marine Ecology Progress Series, 303, 269-282.
- Irving, R. (2009). *The identification of the main characteristics of stony reef habitats under the Habitats Directive*. Summary report of an inter-agency workshop 26-27 March 2008. (Pub 432). <https://data.jncc.gov.uk/data/21693da5-7f59-47ec-b0c1-a3a5ce5e3139/JNCC-Report-432-FINAL-WEB.pdf>
- Joint Nature Conservation Committee [JNCC]. (1996). SACFOR abundance scale used for both littoral and sublittoral taxa from 1990 onwards. In Hiscock, K. (Ed.) (1996) *Marine Nature Conservation Review: Rationale and methods. Coasts and seas of the United Kingdom* (MNCR series). Joint Nature Conservation Committee. <https://mhc.jncc.gov.uk/media/1009/sacfor.pdf>
- Joint Nature Conservation Committee [JNCC]. (2008a). *UK Biodiversity Action Plan Priority Habitat Descriptions: Peat and clay exposures with piddocks*. <https://hub.jncc.gov.uk/assets/6e4e3ed1-117d-423c-a57d-785c8855f28c#UKBAP-BAPHabitats-41-PeatClayExpo.pdf>

Joint Nature Conservation Committee [JNCC]. (2008b). *UK Biodiversity Action Plan: Priority Habitat Descriptions: Subtidal sands and gravels*. <https://data.jncc.gov.uk/data/c9721550-e422-4181-805d-2a0b58afa9d7/UKBAP-BAPHabitats-54-SubtidalSandsGravels.pdf>

Joint Nature Conservation Committee [JNCC]. (2016). *Review of the MCZ Features of Conservation Importance*. <https://data.jncc.gov.uk/data/94f961af-0bfc-4787-92d7-0c3bcf0fd083/MCZ-review-foci-201605-v7.0.pdf>

Joint Nature Conservation Committee [JNCC]. (2022). *The Marine Habitat Classification for Britain and Ireland Version 22.04*. <https://mhc.jncc.gov.uk/>

Kaskela, A. M., Kotilainen, A. T., Alanen, U., Cooper, R., Green, S., Guinan, J., van Heteren, S., Kihlman, S., Van Lancker, V., & Stevenson, A. (2019). Picking up the pieces—harmonising and collating seabed substrate data for European maritime areas. *Geosciences*, 9(2), 84.

Marine Scotland (2021). *Lesser Sandeel habitat*. <https://marine.gov.scot/information/lesser-sandeel-habitat>

Oslo and Paris Commission [OSPAR]. (2008). *OSPAR List of Threatened and/or Declining Species and Habitats*. Reference Number 2008-06. OSPAR Commission.

Parry, M.E.V., 2019. Guidance on Assigning Benthic Biotores using EUNIS or the Marine Habitat Classification of Britain and Ireland (Revised 2019), JNCC Report No. 546, JNCC, Peterborough, ISSN 0963-8091.

RWE Renewables. (2022). *Benthic Site Characterisation Survey Method Statement*. (EcoDoc No.: 004177105-02). RWE Renewables UK Limited.

Tillin, H.M. & Hill, J.M., 2016. *Piddocks with a sparse associated fauna in sublittoral very soft chalk or clay*. In Tyler-Walters H. and Hiscock K. (eds) Marine Life Information Network: Biology and Sensitivity Key Information Reviews, [online]. Plymouth: Marine Biological Association of the United Kingdom. <https://www.marlin.ac.uk/habitat/detail/152>

Wentworth, C. K. (1922). A scale of grade and class terms for clastic sediments. *The journal of geology*, 30(5), 377-392.

Wieking, G & Kröncke, I. (2003). *Macrofauna communities of the Dogger Bank (central North Sea) in the late 1990s: spatial distribution, species composition and trophic structure*. *Helgoland Marine Research*, 57, 34–46. <https://hmr.biomedcentral.com/articles/10.1007/s10152-002-0130-2>

Appendix A

Guidelines on Use of Report

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Appendix B

Logs

B.1 Survey Log

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
06/08/2022	21:15:59	ST181	Video	SOL	00003	291 294.1	5 986 494.6	291 354.6	5 986 480.1	12.6	62.2	
06/08/2022	21:16:17	ST181	Still	210761_ST181_01	00004	291 294.1	5 986 494.6	291 341.5	5 986 478.1	12.8	50.1	
06/08/2022	21:16:33	ST181	Still	210761_ST181_02	00005	291 294.1	5 986 494.6	291 329.6	5 986 479.4	12.9	38.6	
06/08/2022	21:16:39	ST181	Still	210761_ST181_03	00006	291 294.1	5 986 494.6	291 325.7	5 986 478.8	13.0	35.3	
06/08/2022	21:16:47	ST181	Still	210761_ST181_04	00007	291 294.1	5 986 494.6	291 319.7	5 986 480.6	13.1	29.2	
06/08/2022	21:16:55	ST181	Still	210761_ST181_05	00008	291 294.1	5 986 494.6	291 313.3	5 986 480.7	13.3	23.7	
06/08/2022	21:17:02	ST181	Still	210761_ST181_06	00009	291 294.1	5 986 494.6	291 309.2	5 986 481.0	12.6	20.3	
06/08/2022	21:17:12	ST181	Still	210761_ST181_07	00010	291 294.1	5 986 494.6	291 301.1	5 986 482.8	13.0	13.7	
06/08/2022	21:17:19	ST181	Still	210761_ST181_08	00011	291 294.1	5 986 494.6	291 296.3	5 986 485.4	13.1	9.5	
06/08/2022	21:17:31	ST181	Still	210761_ST181_09	00012	291 294.1	5 986 494.6	291 288.6	5 986 488.4	13.4	8.3	
06/08/2022	21:17:37	ST181	Still	210761_ST181_10	00013	291 294.1	5 986 494.6	291 285.1	5 986 490.8	13.2	9.8	
06/08/2022	21:17:47	ST181	Still	210761_ST181_11	00014	291 294.1	5 986 494.6	291 280.9	5 986 495.2	13.4	13.2	
06/08/2022	21:17:53	ST181	Still	210761_ST181_12	00015	291 294.1	5 986 494.6	291 277.8	5 986 498.1	13.3	16.7	
06/08/2022	21:17:59	ST181	Still	210761_ST181_13	00016	291 294.1	5 986 494.6	291 274.4	5 986 500.1	13.6	20.4	
06/08/2022	21:18:07	ST181	Still	210761_ST181_14	00017	291 294.1	5 986 494.6	291 271.3	5 986 504.1	13.1	24.7	
06/08/2022	21:18:12	ST181	Still	210761_ST181_15	00018	291 294.1	5 986 494.6	291 269.1	5 986 506.3	13.1	27.6	
06/08/2022	21:18:20	ST181	Still	210761_ST181_16	00019	291 294.1	5 986 494.6	291 264.9	5 986 509.8	13.1	33.0	
06/08/2022	21:18:30	ST181	Still	210761_ST181_17	00020	291 294.1	5 986 494.6	291 261.3	5 986 514.5	13.2	38.4	
06/08/2022	21:18:39	ST181	Still	210761_ST181_18	00021	291 294.1	5 986 494.6	291 257.9	5 986 519.1	13.3	43.7	
06/08/2022	21:18:44	ST181	Still	210761_ST181_19	00022	291 294.1	5 986 494.6	291 256.0	5 986 521.0	13.5	46.4	
06/08/2022	21:18:51	ST181	Still	210761_ST181_20	00023	291 294.1	5 986 494.6	291 253.7	5 986 524.1	13.7	50.0	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
06/08/2022	21:18:58	ST181	Still	210761_ST181_21	00024	291 294.1	5 986 494.6	291 251.5	5 986 526.3	13.1	53.1	
06/08/2022	21:19:02	ST181	Video	EOL	00025	291 294.1	5 986 494.6	291 249.9	5 986 528.5	13.3	55.7	
06/08/2022	21:51:33	ST177	HG	FA/PSDA	00026	292 012.8	5 986 474.7	292 004.2	5 986 478.0	15.4	9.2	
06/08/2022	22:23:59	ST168	HG	NS	00027	293 533.5	5 986 827.3	293 528.8	5 986 836.2	14.3	10.0	
06/08/2022	22:30:39	ST168	HG	FA/PSDA	00028	293 533.5	5 986 827.3	293 535.4	5 986 824.7	15.0	3.3	
06/08/2022	22:36:01	ST168	HG	NS	00029	293 533.5	5 986 827.3	293 539.4	5 986 807.9	14.2	20.3	
06/08/2022	22:43:37	ST168	HG	NS	00030	293 533.5	5 986 827.3	293 635.5	5 986 882.0	13.6	115.7	Relocated due to three no samples
06/08/2022	23:37:48	ST167	Video	SOL	00031	298 045.1	5 988 652.5	298 108.6	5 988 631.2	18.0	66.9	
06/08/2022	23:38:12	ST167	Still	210761_ST167_01	00032	298 045.1	5 988 652.5	298 092.6	5 988 633.1	18.1	51.3	
06/08/2022	23:38:26	ST167	Still	210761_ST167_02	00033	298 045.1	5 988 652.5	298 085.5	5 988 634.9	18.0	44.0	
06/08/2022	23:38:43	ST167	Still	210761_ST167_03	00034	298 045.1	5 988 652.5	298 076.6	5 988 639.6	18.2	33.9	
06/08/2022	23:38:52	ST167	Still	210761_ST167_04	00035	298 045.1	5 988 652.5	298 071.6	5 988 642.7	17.9	28.2	
06/08/2022	23:39:03	ST167	Still	210761_ST167_05	00036	298 045.1	5 988 652.5	298 066.9	5 988 645.5	17.9	22.8	
06/08/2022	23:39:16	ST167	Still	210761_ST167_06	00037	298 045.1	5 988 652.5	298 059.4	5 988 648.7	17.3	14.7	
06/08/2022	23:39:29	ST167	Still	210761_ST167_07	00038	298 045.1	5 988 652.5	298 054.1	5 988 654.5	17.9	9.2	
06/08/2022	23:39:49	ST167	Still	210761_ST167_08	00039	298 045.1	5 988 652.5	298 047.1	5 988 661.0	17.9	8.7	
06/08/2022	23:40:35	ST167	Still	210761_ST167_09	00040	298 045.1	5 988 652.5	298 040.2	5 988 680.2	18.6	28.2	
06/08/2022	23:40:41	ST167	Still	210761_ST167_10	00041	298 045.1	5 988 652.5	298 039.4	5 988 682.7	18.3	30.8	
06/08/2022	23:40:51	ST167	Still	210761_ST167_11	00042	298 045.1	5 988 652.5	298 039.7	5 988 687.9	18.4	35.8	
06/08/2022	23:41:05	ST167	Still	210761_ST167_12	00043	298 045.1	5 988 652.5	298 036.5	5 988 693.9	18.7	42.3	
06/08/2022	23:41:17	ST167	Still	210761_ST167_13	00044	298 045.1	5 988 652.5	298 035.7	5 988 699.0	18.3	47.5	
06/08/2022	23:41:33	ST167	Still	210761_ST167_14	00045	298 045.1	5 988 652.5	298 035.0	5 988 705.6	18.5	54.1	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
06/08/2022	23:41:46	ST167	Still	210761_ST167_15	00046	298 045.1	5 988 652.5	298 034.3	5 988 711.1	18.3	59.6	
06/08/2022	23:41:55	ST167	Video	EOL	00047	298 045.1	5 988 652.5	298 035.2	5 988 714.9	18.4	63.3	
06/08/2022	23:53:25	ST167	HG	NS	00048	298 045.1	5 988 652.5	298 041.5	5 988 653.5	18.7	3.8	
06/08/2022	23:57:41	ST167	HG	NS	00049	298 045.1	5 988 652.5	298 064.5	5 988 642.3	18.3	21.9	
07/08/2022	00:03:31	ST167	HG	NS	00050	298 045.1	5 988 652.5	298 019.6	5 988 665.8	18.4	28.8	
07/08/2022	00:11:46	ST167	HG	FA/PSDA	00051	298 045.1	5 988 652.5	298 087.5	5 988 761.9	20.5	117.4	Relocated due to three no samples
07/08/2022	01:07:17	ST166	Video	SOL	00052	302 408.2	5 991 333.0	302 466.8	5 991 396.0	22.7	86.1	
07/08/2022	01:07:37	ST166	Still	210761_ST166_01	00053	302 408.2	5 991 333.0	302 450.3	5 991 396.9	23.1	76.5	
07/08/2022	01:07:59	ST166	Still	210761_ST166_02	00054	302 408.2	5 991 333.0	302 436.6	5 991 391.9	23.3	65.4	
07/08/2022	01:08:26	ST166	Still	210761_ST166_03	00055	302 408.2	5 991 333.0	302 428.4	5 991 377.0	22.5	48.4	
07/08/2022	01:08:41	ST166	Still	210761_ST166_04	00056	302 408.2	5 991 333.0	302 427.8	5 991 367.7	22.9	39.9	
07/08/2022	01:08:49	ST166	Still	210761_ST166_05	00057	302 408.2	5 991 333.0	302 424.6	5 991 361.9	23.3	33.3	
07/08/2022	01:08:59	ST166	Still	210761_ST166_06	00058	302 408.2	5 991 333.0	302 422.1	5 991 358.2	23.1	28.8	
07/08/2022	01:09:10	ST166	Still	210761_ST166_07	00059	302 408.2	5 991 333.0	302 421.1	5 991 350.1	23.7	21.4	
07/08/2022	01:09:24	ST166	Still	210761_ST166_08	00060	302 408.2	5 991 333.0	302 418.4	5 991 343.6	23.5	14.7	
07/08/2022	01:09:38	ST166	Still	210761_ST166_09	00061	302 408.2	5 991 333.0	302 415.1	5 991 337.7	23.5	8.4	
07/08/2022	01:09:55	ST166	Still	210761_ST166_10	00062	302 408.2	5 991 333.0	302 411.1	5 991 331.5	23.0	3.2	
07/08/2022	01:10:13	ST166	Still	210761_ST166_11	00063	302 408.2	5 991 333.0	302 408.5	5 991 323.3	22.7	9.7	
07/08/2022	01:10:37	ST166	Still	210761_ST166_12	00064	302 408.2	5 991 333.0	302 408.1	5 991 313.8	22.8	19.2	
07/08/2022	01:10:51	ST166	Still	210761_ST166_13	00065	302 408.2	5 991 333.0	302 407.4	5 991 306.8	22.8	26.2	
07/08/2022	01:11:08	ST166	Still	210761_ST166_14	00066	302 408.2	5 991 333.0	302 407.4	5 991 299.8	23.0	33.2	
07/08/2022	01:11:29	ST166	Still	210761_ST166_15	00067	302 408.2	5 991 333.0	302 406.4	5 991 291.0	22.7	42.0	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
07/08/2022	01:11:35	ST166	Still	210761_ST166_16	00068	302 408.2	5 991 333.0	302 406.6	5 991 288.1	22.7	44.9	
07/08/2022	01:11:51	ST166	Still	210761_ST166_17	00069	302 408.2	5 991 333.0	302 405.9	5 991 282.4	23.1	50.7	
07/08/2022	01:12:10	ST166	Still	210761_ST166_18	00070	302 408.2	5 991 333.0	302 405.7	5 991 275.6	23.0	57.4	
07/08/2022	01:12:28	ST166	Still	210761_ST166_19	00071	302 408.2	5 991 333.0	302 405.3	5 991 268.6	23.0	64.5	
07/08/2022	01:12:37	ST166	Video	EOL	00072	302 408.2	5 991 333.0	302 404.4	5 991 267.3	23.0	65.8	
07/08/2022	01:23:27	ST166	HG	NS	00073	302 408.2	5 991 333.0	302 432.6	5 991 330.6	23.1	24.5	
07/08/2022	01:28:20	ST166	HG	NS	00074	302 408.2	5 991 333.0	302 401.7	5 991 341.6	23.6	10.8	
07/08/2022	01:32:29	ST166	HG	PSDA	00075	302 408.2	5 991 333.0	302 402.3	5 991 327.9	23.4	7.8	
07/08/2022	01:40:21	ST166	HG	NS	00076	302 408.2	5 991 333.0	302 518.9	5 991 351.3	22.6	112.2	
07/08/2022	02:31:09	ST165	HG	FA/PSDA	00077	306 835.5	5 993 655.3	306 859.8	5 993 639.6	39.2	28.9	
07/08/2022	03:33:33	ST164	HG	FA/PSDA	00078	311 224.4	5 995 715.1	311 217.6	5 995 731.4	46.4	17.7	
07/08/2022	04:12:47	ST163	HG	NS	00079	315 206.2	5 998 739.2	315 212.1	5 998 736.4	48.7	6.5	
07/08/2022	04:20:29	ST163	HG	NS	00080	315 206.2	5 998 739.2	315 196.9	5 998 719.8	49.5	21.5	
07/08/2022	04:26:10	ST163	HG	NS	00081	315 206.2	5 998 739.2	315 209.4	5 998 739.7	49.8	3.2	
07/08/2022	04:37:18	ST163	HG	FA/PSDA	00082	315 206.2	5 998 739.2	315 200.0	5 998 829.8	49.8	90.8	Relocated due to three no samples
07/08/2022	05:27:26	ST182	Video	SOL	00083	315 890.0	5 999 023.2	315 924.1	5 999 088.0	51.2	73.3	
07/08/2022	05:27:50	ST182	Still	210761_ST182_01	00084	315 890.0	5 999 023.2	315 917.9	5 999 079.3	49.8	62.6	
07/08/2022	05:27:56	ST182	Still	210761_ST182_02	00085	315 890.0	5 999 023.2	315 917.2	5 999 075.4	49.8	58.9	
07/08/2022	05:28:04	ST182	Still	210761_ST182_03	00086	315 890.0	5 999 023.2	315 909.0	5 999 069.4	51.6	49.9	
07/08/2022	05:28:16	ST182	Still	210761_ST182_04	00087	315 890.0	5 999 023.2	315 905.6	5 999 063.0	51.1	42.7	
07/08/2022	05:28:27	ST182	Still	210761_ST182_05	00088	315 890.0	5 999 023.2	315 904.0	5 999 057.4	50.4	36.9	
07/08/2022	05:28:37	ST182	Still	210761_ST182_06	00089	315 890.0	5 999 023.2	315 903.2	5 999 052.9	49.9	32.5	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
07/08/2022	05:28:45	ST182	Still	210761_ST182_07	00090	315 890.0	5 999 023.2	315 904.5	5 999 049.4	50.0	29.9	
07/08/2022	05:28:57	ST182	Still	210761_ST182_08	00091	315 890.0	5 999 023.2	315 898.2	5 999 039.1	-	17.9	
07/08/2022	05:29:10	ST182	Still	210761_ST182_09	00092	315 890.0	5 999 023.2	315 898.5	5 999 034.4	50.2	14.0	
07/08/2022	05:29:18	ST182	Still	210761_ST182_10	00093	315 890.0	5 999 023.2	315 907.2	5 999 032.6	50.5	19.6	
07/08/2022	05:29:55	ST182	Still	210761_ST182_11	00094	315 890.0	5 999 023.2	315 909.5	5 999 010.1	50.5	23.5	
07/08/2022	05:30:04	ST182	Still	210761_ST182_12	00095	315 890.0	5 999 023.2	315 911.2	5 999 006.5	50.5	27.0	
07/08/2022	05:30:07	ST182	Still	210761_ST182_13	00096	315 890.0	5 999 023.2	315 912.2	5 999 004.9	50.7	28.7	
07/08/2022	05:30:25	ST182	Still	210761_ST182_14	00097	315 890.0	5 999 023.2	315 915.9	5 998 993.8	51.0	39.2	
07/08/2022	05:30:46	ST182	Still	210761_ST182_15	00098	315 890.0	5 999 023.2	315 923.5	5 998 986.0	49.1	50.1	
07/08/2022	05:30:58	ST182	Video	EOL	00099	315 890.0	5 999 023.2	315 929.3	5 998 982.3	49.0	56.7	
07/08/2022	06:55:53	ST162	HG	FA/PSDA	00100	319 188.0	6 001 763.2	319 205.9	6 001 753.7	52.9	20.3	
07/08/2022	07:27:12	ST183	Video	SOL	00101	320 787.3	6 002 785.4	320 827.6	6 002 817.0	51.7	51.2	
07/08/2022	07:27:30	ST183	Still	210761_ST183_01	00102	320 787.3	6 002 785.4	320 812.2	6 002 819.5	52.6	42.2	
07/08/2022	07:27:36	ST183	Still	210761_ST183_02	00103	320 787.3	6 002 785.4	320 813.7	6 002 811.1	52.4	36.8	
07/08/2022	07:27:42	ST183	Still	210761_ST183_03	00104	320 787.3	6 002 785.4	320 808.5	6 002 810.1	52.4	32.6	
07/08/2022	07:27:50	ST183	Still	210761_ST183_04	00105	320 787.3	6 002 785.4	320 802.9	6 002 810.6	52.6	29.6	
07/08/2022	07:27:55	ST183	Still	210761_ST183_05	00106	320 787.3	6 002 785.4	320 800.8	6 002 810.3	52.1	28.3	
07/08/2022	07:28:02	ST183	Still	210761_ST183_06	00107	320 787.3	6 002 785.4	320 798.2	6 002 804.8	52.4	22.3	
07/08/2022	07:28:08	ST183	Still	210761_ST183_07	00108	320 787.3	6 002 785.4	320 796.3	6 002 801.0	52.6	18.0	
07/08/2022	07:28:16	ST183	Still	210761_ST183_08	00109	320 787.3	6 002 785.4	320 794.0	6 002 796.2	52.5	12.7	
07/08/2022	07:28:23	ST183	Still	210761_ST183_09	00110	320 787.3	6 002 785.4	320 790.4	6 002 795.2	52.4	10.2	
07/08/2022	07:28:32	ST183	Still	210761_ST183_10	00111	320 787.3	6 002 785.4	320 783.5	6 002 794.4	52.6	9.7	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
07/08/2022	07:28:39	ST183	Still	210761_ST183_11	00112	320 787.3	6 002 785.4	320 783.2	6 002 790.6	52.7	6.6	
07/08/2022	07:28:51	ST183	Still	210761_ST183_12	00113	320 787.3	6 002 785.4	320 772.4	6 002 791.9	52.2	16.2	
07/08/2022	07:29:02	ST183	Still	210761_ST183_13	00114	320 787.3	6 002 785.4	320 772.7	6 002 780.1	52.4	15.6	
07/08/2022	07:29:12	ST183	Still	210761_ST183_14	00115	320 787.3	6 002 785.4	320 760.2	6 002 785.7	52.7	27.1	
07/08/2022	07:29:23	ST183	Still	210761_ST183_15	00116	320 787.3	6 002 785.4	320 763.7	6 002 776.6	52.5	25.1	
07/08/2022	07:29:35	ST183	Still	210761_ST183_16	00117	320 787.3	6 002 785.4	320 757.8	6 002 777.0	52.3	30.7	
07/08/2022	07:29:47	ST183	Still	210761_ST183_17	00118	320 787.3	6 002 785.4	320 756.4	6 002 773.0	52.5	33.3	
07/08/2022	07:30:07	ST183	Still	210761_ST183_18	00119	320 787.3	6 002 785.4	320 755.3	6 002 766.7	52.2	37.1	
07/08/2022	07:30:37	ST183	Video	EOL	00120	320 787.3	6 002 785.4	320 745.7	6 002 753.0	51.9	52.7	
07/08/2022	08:12:57	ST161	Video	SOL	00121	323 312.2	6 004 586.6	323 354.2	6 004 617.8	55.0	52.4	
07/08/2022	08:13:13	ST161	Still	210761_ST161_01	00122	323 312.2	6 004 586.6	323 345.3	6 004 623.1	54.8	49.3	
07/08/2022	08:13:32	ST161	Still	210761_ST161_02	00123	323 312.2	6 004 586.6	323 339.6	6 004 609.8	55.7	35.9	
07/08/2022	08:13:40	ST161	Still	210761_ST161_03	00124	323 312.2	6 004 586.6	323 338.8	6 004 603.1	55.6	31.3	
07/08/2022	08:13:48	ST161	Still	210761_ST161_04	00125	323 312.2	6 004 586.6	323 336.2	6 004 602.1	55.2	28.6	
07/08/2022	08:13:55	ST161	Still	210761_ST161_05	00126	323 312.2	6 004 586.6	323 330.7	6 004 600.5	55.8	23.2	
07/08/2022	08:14:11	ST161	Still	210761_ST161_06	00127	323 312.2	6 004 586.6	323 323.8	6 004 603.8	55.6	20.7	
07/08/2022	08:14:24	ST161	Still	210761_ST161_07	00128	323 312.2	6 004 586.6	323 319.3	6 004 596.3	55.0	12.0	
07/08/2022	08:14:30	ST161	Still	210761_ST161_08	00129	323 312.2	6 004 586.6	323 318.8	6 004 594.4	54.6	10.2	
07/08/2022	08:14:39	ST161	Still	210761_ST161_09	00130	323 312.2	6 004 586.6	323 313.0	6 004 601.4	55.2	14.8	
07/08/2022	08:15:02	ST161	Still	210761_ST161_10	00131	323 312.2	6 004 586.6	323 302.6	6 004 598.8	54.9	15.5	
07/08/2022	08:15:10	ST161	Still	210761_ST161_11	00132	323 312.2	6 004 586.6	323 300.7	6 004 595.1	54.6	14.3	
07/08/2022	08:15:21	ST161	Still	210761_ST161_12	00133	323 312.2	6 004 586.6	323 292.5	6 004 599.6	54.7	23.6	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
07/08/2022	08:15:31	ST161	Still	210761_ST161_13	00134	323 312.2	6 004 586.6	323 288.3	6 004 593.5	54.7	24.9	
07/08/2022	08:15:45	ST161	Still	210761_ST161_14	00135	323 312.2	6 004 586.6	323 280.3	6 004 588.1	54.6	31.9	
07/08/2022	08:15:59	ST161	Still	210761_ST161_15	00136	323 312.2	6 004 586.6	323 271.2	6 004 583.8	55.5	41.0	
07/08/2022	08:16:06	ST161	Still	210761_ST161_16	00137	323 312.2	6 004 586.6	323 265.3	6 004 589.9	55.4	47.0	
07/08/2022	08:16:18	ST161	Still	210761_ST161_17	00138	323 312.2	6 004 586.6	323 260.1	6 004 581.0	55.1	52.4	
07/08/2022	08:16:30	ST161	Video	EOL	00139	323 312.2	6 004 586.6	323 252.9	6 004 583.6	55.9	59.4	
07/08/2022	08:29:43	ST161	HG	NS	00140	323 312.2	6 004 586.6	323 325.4	6 004 579.7	55.9	15.0	
07/08/2022	08:38:39	ST161	HG	FA/PSDA	00141	323 312.2	6 004 586.6	323 310.3	6 004 590.8	55.7	4.6	
07/08/2022	09:20:44	ST160	HG	FA/PSDA	00142	327 487.0	6 007 338.1	327 515.4	6 007 350.3	54.0	30.9	
07/08/2022	09:51:54	ST159	HG	FA/PSDA	00143	331 661.9	6 010 089.5	331 679.2	6 010 069.7	58.0	26.3	
07/08/2022	10:22:24	ST158	HG	FA/PSDA	00144	335 836.7	6 012 841.0	335 843.0	6 012 824.4	60.2	17.8	
07/08/2022	11:41:29	ST178	HG	FA/PSDA	00145	339 958.9	6 015 658.8	339 967.4	6 015 645.3	61.3	16.0	
07/08/2022	12:12:39	ST169	HG	NS	00146	343 856.9	6 018 790.3	343 844.5	6 018 788.3	62.0	12.5	
07/08/2022	12:22:59	ST169	HG	FA/PSDA	00147	343 856.9	6 018 790.3	343 868.4	6 018 781.7	62.1	14.4	
07/08/2022	13:34:59	ST178	DG	CA	00148	339 958.9	6 015 658.8	339 982.3	6 015 675.5	61.7	28.7	
07/08/2022	15:06:43	ST161	DG	CA	00149	323 312.2	6 004 586.6	323 291.9	6 004 608.7	55.7	30.0	
07/08/2022	15:16:27	ST161	DG	NS	00150	323 312.2	6 004 586.6	323 309.6	6 004 595.1	55.1	8.9	
07/08/2022	16:27:17	ST164	DG	CA	00151	311 224.4	5 995 715.1	311 211.7	5 995 742.3	46.1	30.0	
07/08/2022	17:52:28	ST168	DG	CA	00152	293 533.5	5 986 827.3	293 526.9	5 986 851.0	12.3	24.6	
07/08/2022	19:10:52	BT19	BT	SOL	00153	295 555.3	5 987 542.4	295 199.9	5 987 482.9	6.0	360.4	
07/08/2022	19:20:33	BT19	BT	EOL	00154	295 555.3	5 987 542.4	296 075.1	5 987 593.8	6.0	522.3	
07/08/2022	22:04:36	BT13	BT	SOL	NO FIX	309 577.2	5 994 464.2	309 427.0	5 994 212.2	45.0	293.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
07/08/2022	22:23:11	BT13	BT	EOL	00155	309 577.2	5 994 464.2	309 608.4	5 994 972.3	45.0	509.0	
08/08/2022	03:33:47	BT20	BT	SOL	00156	315 893.8	5 999 023.4	316 100.7	5 998 702.7	48.4	381.7	
08/08/2022	03:50:56	BT20	BT	EOL	00157	315 893.8	5 999 023.4	315 876.0	5 999 458.8	47.9	435.7	
08/08/2022	06:47:12	BT14	BT	SOL	00158	323 078.7	6 004 432.7	322 642.3	6 004 598.7	51.3	466.9	
08/08/2022	06:57:33	BT14	BT	EOL	00159	323 078.7	6 004 432.7	323 413.2	6 004 231.6	51.5	390.3	
08/08/2022	09:51:21	BT22	BT	SOL	00160	339 267.7	6 015 103.2	339 074.7	6 014 826.7	58.0	337.2	
08/08/2022	10:03:12	BT22	BT	EOL	00161	339 267.7	6 015 103.2	339 487.5	6 015 545.1	58.0	493.6	
08/08/2022	12:38:05	ST154	HG	FA/PSDA	00162	345 150.4	6 025 839.6	345 176.1	6 025 852.3	61.8	28.6	
08/08/2022	13:13:49	ST179	HG	FA/PSDA	00163	342 599.2	6 020 518.8	342 608.0	6 020 531.7	60.6	15.6	
08/08/2022	13:44:59	ST170	HG	FA/PSDA	00164	347 053.7	6 022 569.1	347 067.0	6 022 563.8	59.2	14.2	
08/08/2022	14:15:20	ST171	HG	FA/PSDA	00165	350 478.8	6 026 211.8	350 481.8	6 026 212.1	62.3	3.0	
08/08/2022	14:46:10	ST172	HG	FA/PSDA	00166	353 903.8	6 029 854.4	353 913.8	6 029 849.1	50.3	11.3	
08/08/2022	15:24:27	ST155	HG	FA/PSDA	00167	347 259.9	6 030 372.8	347 243.8	6 030 370.9	62.8	16.3	
08/08/2022	16:14:45	ST184	Video	SOL	00168	349 369.5	6 034 713.9	349 368.2	6 034 767.0	57.0	53.1	
08/08/2022	16:15:01	ST184	Still	210761_ST184_01	00169	349 369.5	6 034 713.9	349 368.5	6 034 764.3	56.1	50.4	
08/08/2022	16:15:07	ST184	Still	210761_ST184_02	00170	349 369.5	6 034 713.9	349 366.8	6 034 760.8	56.6	47.1	
08/08/2022	16:15:16	ST184	Still	210761_ST184_03	00171	349 369.5	6 034 713.9	349 366.8	6 034 755.9	56.7	42.2	
08/08/2022	16:15:25	ST184	Still	210761_ST184_04	00172	349 369.5	6 034 713.9	349 369.1	6 034 753.9	56.3	40.1	
08/08/2022	16:15:34	ST184	Still	210761_ST184_05	00173	349 369.5	6 034 713.9	349 366.2	6 034 748.6	56.6	34.9	
08/08/2022	16:15:43	ST184	Still	210761_ST184_06	00174	349 369.5	6 034 713.9	349 365.5	6 034 748.8	56.3	35.2	
08/08/2022	16:15:59	ST184	Still	210761_ST184_07	00175	349 369.5	6 034 713.9	349 366.1	6 034 745.0	56.4	31.4	
08/08/2022	16:16:19	ST184	Still	210761_ST184_08	00176	349 369.5	6 034 713.9	349 364.1	6 034 743.7	55.8	30.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
08/08/2022	16:16:36	ST184	Still	210761_ST184_09	00177	349 369.5	6 034 713.9	349 366.8	6 034 742.6	56.0	28.8	
08/08/2022	16:16:54	ST184	Still	210761_ST184_10	00178	349 369.5	6 034 713.9	349 365.4	6 034 735.5	56.4	22.0	
08/08/2022	16:17:13	ST184	Still	210761_ST184_11	00179	349 369.5	6 034 713.9	349 362.2	6 034 730.1	56.9	17.8	
08/08/2022	16:17:35	ST184	Still	210761_ST184_12	00180	349 369.5	6 034 713.9	349 361.5	6 034 720.7	56.9	10.5	
08/08/2022	16:17:50	ST184	Still	210761_ST184_13	00181	349 369.5	6 034 713.9	349 364.7	6 034 719.8	-	7.6	
08/08/2022	16:18:05	ST184	Still	210761_ST184_14	00182	349 369.5	6 034 713.9	349 362.3	6 034 710.7	56.5	7.9	
08/08/2022	16:18:12	ST184	Still	210761_ST184_15	00183	349 369.5	6 034 713.9	349 365.1	6 034 707.9	57.2	7.4	
08/08/2022	16:18:28	ST184	Still	210761_ST184_16	00184	349 369.5	6 034 713.9	349 363.1	6 034 702.1	56.2	13.4	
08/08/2022	16:18:55	ST184	Still	210761_ST184_17	00185	349 369.5	6 034 713.9	349 360.1	6 034 693.3	56.2	22.6	
08/08/2022	16:19:13	ST184	Still	210761_ST184_18	00186	349 369.5	6 034 713.9	349 362.7	6 034 688.9	56.5	25.9	
08/08/2022	16:19:58	ST184	Still	210761_ST184_19	00187	349 369.5	6 034 713.9	349 362.5	6 034 686.0	56.5	28.7	
08/08/2022	16:21:39	ST184	Still	210761_ST184_20	00188	349 369.5	6 034 713.9	349 358.9	6 034 680.7	56.5	34.8	
08/08/2022	16:21:59	ST184	Still	210761_ST184_21	00189	349 369.5	6 034 713.9	349 360.0	6 034 674.6	56.7	40.4	
08/08/2022	16:22:17	ST184	Still	210761_ST184_22	00190	349 369.5	6 034 713.9	349 359.2	6 034 672.7	-	42.4	
08/08/2022	16:22:26	ST184	Video	EOL	00191	349 369.5	6 034 713.9	349 362.0	6 034 664.6	56.9	49.9	
08/08/2022	16:36:32	ST156	HG	FA/PSDA	00192	349 890.2	6 034 612.0	349 883.3	6 034 614.8	57.0	7.4	
08/08/2022	17:46:48	ST173	HG	FA/PSDA	00193	357 556.9	6 033 228.6	357 569.3	6 033 243.8	47.6	19.6	
08/08/2022	18:18:30	ST174	HG	FA/PSDA	00194	361 706.2	6 036 018.4	361 704.6	6 036 003.0	51.0	15.5	
08/08/2022	18:47:33	ST137	HG	NS	00195	365 770.3	6 038 750.8	365 736.8	6 038 785.6	51.2	48.3	
08/08/2022	18:56:28	ST137	HG	FA/PSDA	00196	365 770.3	6 038 750.8	365 785.4	6 038 758.1	55.9	16.7	
08/08/2022	19:29:59	ST175	HG	FA/PSDA	00197	360 768.4	6 038 891.3	360 763.2	6 038 880.6	49.8	11.9	
08/08/2022	20:04:31	ST176	HG	FA/PSDA	00198	355 769.3	6 038 984.0	355 756.5	6 038 962.3	53.7	25.2	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
08/08/2022	20:30:34	ST157	HG	NS	00199	353 041.0	6 038 474.8	353 036.1	6 038 453.3	55.9	22.0	
08/08/2022	20:39:46	ST157	HG	FA/PSDA	00200	353 041.0	6 038 474.8	353 051.5	6 038 475.3	56.2	10.5	
08/08/2022	21:16:07	ST180	HG	FA/PSDA	00201	355 679.3	6 041 304.7	355 651.0	6 041 313.8	57.2	29.7	
08/08/2022	22:03:35	BT16	BT	SOL	00202	354 978.9	6 040 553.4	355 225.3	6 041 062.5	54.0	565.6	
08/08/2022	22:20:49	BT16	BT	EOL	00203	354 978.9	6 040 553.4	354 884.6	6 040 278.0	54.0	291.1	
09/08/2022	01:15:39	ST156	DG	CA	00205	349 890.2	6 034 612.0	349 877.0	6 034 622.1	57.6	16.6	
09/08/2022	02:03:19	ST172	DG	CA	00206	353 903.8	6 029 854.4	353 893.5	6 029 859.3	50.8	11.4	
09/08/2022	02:44:57	BT17	BT	SOL	00207	352 471.6	6 028 331.2	352 753.4	6 028 063.8	48.0	388.4	
09/08/2022	03:00:10	BT17	BT	EOL	00208	352 471.6	6 028 331.2	352 292.0	6 028 711.3	51.0	420.4	
09/08/2022	05:31:37	ST147	HG	FA/PSDA	00209	372 094.1	6 037 742.2	372 084.6	6 037 752.8	56.2	14.2	
09/08/2022	06:13:39	ST146	HG	FA/PSDA	00210	377 058.2	6 037 144.5	377 031.2	6 037 163.6	54.0	33.0	
09/08/2022	06:44:45	ST145	HG	FA/PSDA	00211	382 017.6	6 036 510.1	382 003.9	6 036 521.7	48.0	17.9	
09/08/2022	07:14:10	ST144	HG	FA/PSDA	00212	386 968.9	6 035 814.3	386 956.1	6 035 826.6	54.0	17.8	
09/08/2022	07:45:37	ST143	HG	FA/PSDA	00213	391 920.3	6 035 118.4	391 884.4	6 035 140.6	49.0	42.1	
09/08/2022	08:14:33	ST142	HG	FA/PSDA	00214	396 710.1	6 034 445.3	396 682.7	6 034 447.3	53.0	27.5	
09/08/2022	08:44:09	ST141	HG	FA/PSDA	00215	401 774.3	6 034 148.5	401 749.5	6 034 171.2	34.0	33.6	
09/08/2022	09:13:29	ST140	HG	FA/PSDA	00216	406 700.0	6 035 003.4	406 676.1	6 035 020.2	45.0	29.2	
09/08/2022	09:42:53	ST139	HG	NS	00217	411 614.5	6 035 923.6	411 588.9	6 035 934.1	40.0	27.7	
09/08/2022	09:50:31	ST139	HG	FA/PSDA	00218	411 614.5	6 035 923.6	411 587.9	6 035 926.7	42.2	26.8	
09/08/2022	10:34:19	BT24	BT	SOL	00219	411 874.8	6 035 982.9	411 631.7	6 036 307.4	39.0	405.5	
09/08/2022	10:45:28	BT24	BT	EOL	00220	411 874.8	6 035 982.9	412 126.5	6 035 647.1	39.5	419.6	
09/08/2022	13:51:56	ST138	HG	FA/PSDA	00221	416 529.1	6 036 843.9	416 539.7	6 036 817.2	17.3	28.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
09/08/2022	15:11:18	ST002	HG	FA/PSDA	00222	430 441.6	6 024 628.4	430 450.8	6 024 621.0	36.9	11.8	
09/08/2022	15:35:18	ST004	HG	FA/PSDA	00223	430 441.6	6 027 628.4	430 455.8	6 027 622.6	35.7	15.3	
09/08/2022	16:07:10	ST005	HG	FA/PSDA	00224	433 441.6	6 027 628.4	433 443.9	6 027 627.5	34.1	2.5	
09/08/2022	17:24:01	BT11	BT	SOL	00225	430 604.0	6 027 203.0	431 168.9	6 027 226.4	33.0	565.4	
09/08/2022	17:40:41	BT11	BT	EOL	00226	430 604.0	6 027 203.0	430 311.3	6 027 219.4	32.0	293.2	
09/08/2022	18:55:52	ST006	HG	NS1	00227	436 441.6	6 027 628.4	436 433.5	6 027 621.0	32.8	10.9	
09/08/2022	19:00:32	ST006	HG	FA/PSDA	00228	436 441.6	6 027 628.4	436 443.4	6 027 659.6	33.2	31.3	
09/08/2022	19:27:35	ST007	HG	FA/PSDA	00229	439 441.6	6 027 628.4	439 433.8	6 027 633.5	33.0	9.4	
09/08/2022	19:54:11	ST008	HG	FA/PSDA	00230	442 324.4	6 027 995.2	442 298.0	6 028 006.3	31.1	28.6	
09/08/2022	20:23:46	ST014	HG	FA/PSDA	00231	439 441.6	6 030 628.4	439 424.8	6 030 631.8	31.3	17.1	
09/08/2022	20:54:40	BT10	BT	SOL	00232	438 155.6	6 030 526.6	437 722.4	6 030 519.7	30.0	433.3	
09/08/2022	21:10:51	BT10	BT	EOL	00233	438 155.6	6 030 526.6	438 553.6	6 030 508.9	31.0	398.4	
09/08/2022	22:39:25	ST013	HG	NS1	00234	436 441.6	6 030 628.4	436 430.8	6 030 620.3	34.0	13.4	
09/08/2022	22:45:29	ST013	HG	FA/PSDA	00235	436 441.6	6 030 628.4	436 446.1	6 030 643.6	34.1	15.9	
09/08/2022	23:28:53	ST011	HG	FA/PSDA	00236	430 532.8	6 030 498.7	430 502.3	6 030 485.6	35.6	33.3	
10/08/2022	00:02:15	ST017	HG	FA/PSDA	00237	427 441.6	6 033 628.4	427 399.4	6 033 618.3	28.7	43.3	
10/08/2022	00:20:19	ST017	DG	CA	00238	427 441.6	6 033 628.4	427 412.8	6 033 613.5	28.5	32.4	
10/08/2022	00:49:23	ST018	HG	NS	00239	430 441.6	6 033 628.4	430 426.9	6 033 635.3	30.6	16.2	
10/08/2022	00:54:14	ST018	HG	NS	00240	430 441.6	6 033 628.4	430 438.9	6 033 595.7	30.6	32.7	
10/08/2022	00:59:19	ST018	HG	FA/PSDA	00241	430 441.6	6 033 628.4	430 433.3	6 033 654.7	29.5	27.6	
10/08/2022	01:25:37	ST019	HG	FA/PSDA	00242	433 383.6	6 033 704.6	433 388.3	6 033 703.3	29.1	4.9	
10/08/2022	01:55:55	ST020	HG	FA/PSDA	00243	436 441.6	6 033 628.4	436 465.0	6 033 604.6	29.2	33.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
10/08/2022	02:19:58	ST021	HG	NS	00244	439 441.6	6 033 628.4	439 447.9	6 033 615.8	28.3	14.1	
10/08/2022	02:23:59	ST021	HG	FA/PSDA	00245	439 441.6	6 033 628.4	439 434.1	6 033 600.8	27.8	28.6	
10/08/2022	03:26:21	ST022	HG	FA/PSDA	00246	442 363.7	6 033 593.0	442 333.8	6 033 568.4	27.1	38.8	
10/08/2022	03:58:14	ST029	HG	FA/PSDA	00247	439 622.8	6 036 370.4	439 624.2	6 036 347.1	17.1	23.3	
10/08/2022	04:24:32	ST028	HG	FA/PSDA	00248	436 441.6	6 036 628.4	436 415.3	6 036 620.4	17.1	27.5	
10/08/2022	04:57:00	BT12	BT	SOL	00249	435 960.6	6 037 889.2	436 156.5	6 037 539.4	14.1	401.0	
10/08/2022	05:06:07	BT12	BT	EOL	00250	435 960.6	6 037 889.2	435 788.1	6 038 281.9	14.7	428.9	
10/08/2022	06:47:04	ST027	HG	NS	00251	433 441.6	6 036 628.4	433 450.0	6 036 659.4	13.0	32.1	
10/08/2022	06:52:15	ST027	HG	FA/PSDA	00252	433 441.6	6 036 628.4	433 436.5	6 036 640.5	13.0	13.2	
10/08/2022	07:11:45	ST026	HG	NS	00253	430 441.6	6 036 628.4	430 449.0	6 036 622.9	13.8	9.3	
10/08/2022	07:16:10	ST026	HG	FA/PSDA	00254	430 441.6	6 036 628.4	430 458.4	6 036 639.4	13.8	20.1	
10/08/2022	07:34:37	ST025	HG	FA/PSDA	00255	427 441.6	6 036 628.4	427 456.5	6 036 623.0	13.7	15.9	
10/08/2022	07:52:02	ST033	HG	FA/PSDA	00256	427 441.6	6 039 628.4	427 421.6	6 039 623.0	14.8	20.7	
10/08/2022	08:13:46	ST034	HG	FA/PSDA	00257	430 295.5	6 039 196.6	430 263.7	6 039 208.4	14.9	33.9	
10/08/2022	08:33:43	ST035	HG	FA/PSDA	00258	433 441.6	6 039 628.4	433 391.8	6 039 629.8	14.9	49.8	
10/08/2022	08:54:06	ST036	HG	FA/PSDA	00259	436 441.6	6 039 628.4	436 412.9	6 039 630.9	13.5	28.8	
10/08/2022	09:12:44	ST037	HG	FA/PSDA	00260	439 441.6	6 039 628.4	439 409.7	6 039 640.6	13.8	34.1	
10/08/2022	09:34:29	ST047	HG	FA/PSDA	00261	436 441.6	6 042 628.4	436 417.5	6 042 615.1	14.0	27.5	
10/08/2022	09:52:14	ST046	HG	FA/PSDA	00262	433 441.6	6 042 628.4	433 420.2	6 042 660.1	15.0	38.3	
10/08/2022	10:09:49	ST046	DG	CA	00263	433 441.6	6 042 628.4	433 409.7	6 042 653.6	15.0	40.6	
10/08/2022	10:28:34	ST045	HG	FA/PSDA	00264	430 441.6	6 042 628.4	430 442.9	6 042 661.3	13.9	32.9	
10/08/2022	10:46:23	ST044	HG	FA/PSDA	00265	427 441.6	6 042 628.4	427 440.5	6 042 637.4	14.0	9.1	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
10/08/2022	11:21:01	ST044	DG	CA	00266	427 441.6	6 042 628.4	427 427.6	6 042 645.3	14.0	22.0	
10/08/2022	11:51:20	ST057	HG	FA/PSDA	00267	427 441.6	6 045 628.4	427 432.8	6 045 636.5	21.6	11.9	
10/08/2022	12:16:51	ST058	HG	FA/PSDA	00268	430 441.6	6 045 628.4	430 417.9	6 045 646.8	20.9	30.0	
10/08/2022	12:37:38	ST059	HG	FA/PSDA	00269	433 441.6	6 045 628.4	433 430.9	6 045 634.8	20.5	12.5	
10/08/2022	12:55:53	ST060	HG	FA/PSDA	00270	436 441.6	6 045 628.4	436 433.3	6 045 621.1	19.1	11.0	
10/08/2022	13:14:43	ST076	HG	FA/PSDA	00271	435 961.6	6 048 395.7	435 958.5	6 048 391.9	21.5	4.9	
10/08/2022	13:30:23	ST075	HG	FA/PSDA	00272	433 441.6	6 048 628.4	433 462.8	6 048 615.7	22.2	24.7	
10/08/2022	13:50:21	ST074	DG	CA	00273	430 441.6	6 048 628.4	430 444.0	6 048 615.5	23.1	13.1	
10/08/2022	14:04:42	ST074	HG	FA/PSDA	00274	430 441.6	6 048 628.4	430 470.4	6 048 630.7	21.3	28.9	
10/08/2022	14:22:57	ST073	HG	FA/PSDA	00275	427 441.6	6 048 628.4	427 451.1	6 048 610.3	23.8	20.4	
10/08/2022	14:42:14	ST091	HG	FA/PSDA	00276	427 441.6	6 051 628.4	427 442.3	6 051 600.6	25.6	27.8	
10/08/2022	15:00:39	ST092	HG	FA/PSDA	00277	430 303.3	6 051 311.7	430 308.1	6 051 286.8	22.7	25.4	
10/08/2022	15:34:30	BT08	BT	SOL	00278	427 610.0	6 050 489.1	428 184.1	6 050 480.9	20.0	574.2	
10/08/2022	15:44:39	BT08	BT	EOL	00279	427 610.0	6 050 489.1	427 342.1	6 050 494.3	20.0	268.0	
10/08/2022	20:15:41	ST090	Video	SOL	00281	424 441.6	6 051 628.4	424 434.9	6 051 645.5	21.8	18.4	
10/08/2022	20:15:01	ST090	Still	210761_ST090_01	No fix	424 441.6	6 051 628.4	424 432.7	6 051 645.4	21.1	19.2	
10/08/2022	20:15:09	ST090	Still	210761_ST090_02	No fix	424 441.6	6 051 628.4	424 438.6	6 051 646.4	21.2	18.3	
10/08/2022	20:15:14	ST090	Still	210761_ST090_03	No fix	424 441.6	6 051 628.4	424 441.7	6 051 646.0	21.4	17.6	
10/08/2022	20:15:22	ST090	Still	210761_ST090_04	No fix	424 441.6	6 051 628.4	424 446.5	6 051 646.1	21.5	18.4	
10/08/2022	20:15:38	ST090	Still	210761_ST090_05	No fix	424 441.6	6 051 628.4	424 455.7	6 051 643.9	21.3	21.0	
10/08/2022	20:16:02	ST090	Still	210761_ST090_06	No fix	424 441.6	6 051 628.4	424 465.8	6 051 639.8	21.5	26.8	
10/08/2022	20:16:26	ST090	Still	210761_ST090_07	No fix	424 441.6	6 051 628.4	424 475.6	6 051 633.5	21.6	34.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
10/08/2022	20:16:49	ST090	Still	210761_ST090_08	No fix	424 441.6	6 051 628.4	424 485.1	6 051 626.9	21.4	43.6	
10/08/2022	20:17:20	ST090	Still	210761_ST090_09	No fix	424 441.6	6 051 628.4	424 497.2	6 051 621.9	21.3	56.0	
10/08/2022	20:17:49	ST090	Still	210761_ST090_10	No fix	424 441.6	6 051 628.4	424 507.5	6 051 620.9	21.8	66.4	
10/08/2022	20:18:17	ST090	Still	210761_ST090_11	No fix	424 441.6	6 051 628.4	424 515.5	6 051 619.2	21.5	74.5	
10/08/2022	20:19:00	ST090	Still	210761_ST090_12	No fix	424 441.6	6 051 628.4	424 530.3	6 051 617.9	21.5	89.4	
10/08/2022	20:19:42	ST090	Video	EOL	00282	424 441.6	6 051 628.4	424 532.1	6 051 617.8	21.1	91.2	
10/08/2022	20:30:36	ST090	HG	FA/PSDA	00283	424 441.6	6 051 628.4	424 413.9	6 051 650.7	21.7	35.6	
10/08/2022	21:06:02	ST072	Video	SOL	00284	424 441.6	6 048 628.4	424 371.7	6 048 656.7	21.1	75.4	
10/08/2022	21:08:46	ST072	Still	210761_ST072_01	No fix	424 441.6	6 048 628.4	424 463.8	6 048 603.8	23.1	33.1	
10/08/2022	21:08:52	ST072	Still	210761_ST072_02	No fix	424 441.6	6 048 628.4	424 461.0	6 048 600.7	22.7	33.8	
10/08/2022	21:09:02	ST072	Still	210761_ST072_03	No fix	424 441.6	6 048 628.4	424 455.9	6 048 594.6	22.9	36.7	
10/08/2022	21:09:04	ST072	Still	210761_ST072_04	No fix	424 441.6	6 048 628.4	424 454.4	6 048 592.8	22.7	37.8	
10/08/2022	21:09:16	ST072	Still	210761_ST072_05	No fix	424 441.6	6 048 628.4	424 449.2	6 048 587.1	22.9	42.0	
10/08/2022	21:09:17	ST072	Still	210761_ST072_06	No fix	424 441.6	6 048 628.4	424 448.7	6 048 586.6	22.9	42.4	
10/08/2022	21:10:09	ST072	Video	EOL	00285	424 441.6	6 048 628.4	424 443.5	6 048 582.3	22.4	46.1	
10/08/2022	21:21:11	ST072	HG	NS1	00286	424 441.6	6 048 628.4	424 432.9	6 048 624.0	22.5	9.7	
10/08/2022	21:27:07	ST072	HG	FA/PSDA	00287	424 441.6	6 048 628.4	424 455.6	6 048 664.7	22.3	39.0	
10/08/2022	21:58:38	ST190	Video	SOL	00288	423 754.9	6 046 555.5	423 746.5	6 046 612.9	17.8	58.0	
10/08/2022	22:00:17	ST190	Still	210761_ST190_01	00289	423 754.9	6 046 555.5	423 730.9	6 046 549.2	17.8	24.8	
10/08/2022	22:00:22	ST190	Still	210761_ST190_02	00290	423 754.9	6 046 555.5	423 732.1	6 046 547.4	18.4	24.2	
10/08/2022	22:00:25	ST190	Still	210761_ST190_03	00291	423 754.9	6 046 555.5	423 732.7	6 046 545.2	17.9	24.4	
10/08/2022	22:00:30	ST190	Still	210761_ST190_04	00292	423 754.9	6 046 555.5	423 734.7	6 046 542.0	18.1	24.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
10/08/2022	22:00:33	ST190	Still	210761_ST190_05	00293	423 754.9	6 046 555.5	423 734.1	6 046 542.0	18.2	24.8	
10/08/2022	22:00:35	ST190	Still	210761_ST190_06	00294	423 754.9	6 046 555.5	423 735.3	6 046 540.1	18.1	24.9	
10/08/2022	22:00:45	ST190	Still	210761_ST190_07	00295	423 754.9	6 046 555.5	423 737.8	6 046 534.4	18.1	27.2	
10/08/2022	22:00:48	ST190	Still	210761_ST190_08	00296	423 754.9	6 046 555.5	423 738.8	6 046 533.2	18.0	27.4	
10/08/2022	22:00:54	ST190	Still	210761_ST190_09	00297	423 754.9	6 046 555.5	423 741.2	6 046 530.1	17.9	28.9	
10/08/2022	22:01:00	ST190	Still	210761_ST190_10	00298	423 754.9	6 046 555.5	423 742.9	6 046 526.5	18.0	31.4	
10/08/2022	22:01:12	ST190	Still	210761_ST190_11	00299	423 754.9	6 046 555.5	423 745.9	6 046 520.9	18.3	35.7	
10/08/2022	22:01:22	ST190	Still	210761_ST190_12	00300	423 754.9	6 046 555.5	423 748.2	6 046 517.2	18.3	38.9	
10/08/2022	22:01:25	ST190	Still	210761_ST190_13	00301	423 754.9	6 046 555.5	423 749.3	6 046 516.5	18.1	39.4	
10/08/2022	22:01:34	ST190	Still	210761_ST190_14	00302	423 754.9	6 046 555.5	423 751.6	6 046 513.8	18.2	41.9	
10/08/2022	22:01:41	ST190	Still	210761_ST190_15	00303	423 754.9	6 046 555.5	423 753.7	6 046 512.4	17.9	43.1	
10/08/2022	22:02:19	ST190	Video	EOL	00304	423 754.9	6 046 555.5	423 760.2	6 046 508.7	18.1	47.1	
10/08/2022	22:34:28	BT07	BT	SOL	00305	423 754.7	6 046 555.7	423 250.8	6 046 699.2	15.0	523.9	
10/08/2022	22:49:02	BT07	BT	EOL	00306	423 754.7	6 046 555.7	424 039.4	6 046 649.1	15.0	299.7	
11/08/2022	00:48:22	ST056	Video	SOL	00307	424 441.6	6 045 628.4	424 371.7	6 045 675.1	19.7	84.1	
11/08/2022	00:55:54	ST056	Still	210761_ST056_01	00308	424 441.6	6 045 628.4	424 388.2	6 045 695.9	-	86.1	
11/08/2022	00:56:39	ST056	Still	210761_ST056_02	00309	424 441.6	6 045 628.4	424 388.0	6 045 659.4	19.8	61.9	
11/08/2022	00:56:58	ST056	Still	210761_ST056_03	00310	424 441.6	6 045 628.4	424 396.8	6 045 649.6	19.4	49.5	
11/08/2022	00:57:00	ST056	Still	210761_ST056_04	00311	424 441.6	6 045 628.4	424 397.5	6 045 650.0	19.4	49.1	
11/08/2022	00:57:09	ST056	Still	210761_ST056_05	00312	424 441.6	6 045 628.4	424 403.1	6 045 645.6	19.5	42.1	
11/08/2022	00:57:23	ST056	Still	210761_ST056_06	00314	424 441.6	6 045 628.4	424 412.3	6 045 641.6	19.5	32.1	
11/08/2022	00:57:46	ST056	Still	210761_ST056_07	00315	424 441.6	6 045 628.4	424 428.4	6 045 636.1	19.3	15.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	00:57:53	ST056	Still	210761_ST056_08	00316	424 441.6	6 045 628.4	424 433.3	6 045 634.7	19.5	10.4	
11/08/2022	00:58:03	ST056	Still	210761_ST056_09	00317	424 441.6	6 045 628.4	424 438.5	6 045 632.3	19.5	5.0	
11/08/2022	00:58:11	ST056	Still	210761_ST056_10	00318	424 441.6	6 045 628.4	424 442.1	6 045 631.2	19.5	2.9	
11/08/2022	00:58:17	ST056	Still	210761_ST056_11	00319	424 441.6	6 045 628.4	424 445.8	6 045 629.4	19.4	4.4	
11/08/2022	00:58:31	ST056	Still	210761_ST056_12	00320	424 441.6	6 045 628.4	424 452.3	6 045 626.2	19.7	11.0	
11/08/2022	00:58:41	ST056	Still	210761_ST056_13	00321	424 441.6	6 045 628.4	424 457.3	6 045 624.3	19.5	16.2	
11/08/2022	00:58:55	ST056	Still	210761_ST056_14	00322	424 441.6	6 045 628.4	424 463.4	6 045 621.1	19.5	23.0	
11/08/2022	00:59:02	ST056	Still	210761_ST056_15	00323	424 441.6	6 045 628.4	424 465.7	6 045 619.4	19.2	25.7	
11/08/2022	00:59:13	ST056	Still	210761_ST056_16	00324	424 441.6	6 045 628.4	424 470.3	6 045 617.2	19.2	30.8	
11/08/2022	00:59:42	ST056	Still	210761_ST056_17	00325	424 441.6	6 045 628.4	424 482.3	6 045 609.8	19.4	44.8	
11/08/2022	01:00:11	ST056	Still	210761_ST056_18	00326	424 441.6	6 045 628.4	424 493.2	6 045 601.6	19.5	58.1	
11/08/2022	01:00:28	ST056	Video	EOL	00327	424 441.6	6 045 628.4	424 498.2	6 045 598.1	19.4	64.3	
11/08/2022	01:09:12	ST056	HG	FA/PSDA	00328	424 441.6	6 045 628.4	424 434.8	6 045 594.3	19.9	34.7	
11/08/2022	01:38:26	ST043	Video	SOL	00329	424 441.6	6 042 628.4	424 393.5	6 042 623.8	19.2	48.3	
11/08/2022	01:38:43	ST043	Still	210761_ST043_01	00330	424 441.6	6 042 628.4	424 398.1	6 042 626.3	19.0	43.5	
11/08/2022	01:39:01	ST043	Still	210761_ST043_02	00331	424 441.6	6 042 628.4	424 407.4	6 042 629.0	19.3	34.2	
11/08/2022	01:39:16	ST043	Still	210761_ST043_03	00332	424 441.6	6 042 628.4	424 417.5	6 042 629.6	19.6	24.1	
11/08/2022	01:39:31	ST043	Still	210761_ST043_04	00333	424 441.6	6 042 628.4	424 426.6	6 042 629.5	19.9	15.0	
11/08/2022	01:39:38	ST043	Still	210761_ST043_05	00334	424 441.6	6 042 628.4	424 431.0	6 042 629.4	20.1	10.6	
11/08/2022	01:39:50	ST043	Still	210761_ST043_06	00335	424 441.6	6 042 628.4	424 437.6	6 042 628.5	19.6	3.9	
11/08/2022	01:39:58	ST043	Still	210761_ST043_07	00336	424 441.6	6 042 628.4	424 441.7	6 042 628.1	19.5	0.3	
11/08/2022	01:40:04	ST043	Still	210761_ST043_08	00337	424 441.6	6 042 628.4	424 445.3	6 042 628.0	19.8	3.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	01:40:06	ST043	Still	210761_ST043_09	00338	424 441.6	6 042 628.4	424 446.2	6 042 627.8	19.3	4.6	
11/08/2022	01:40:07	ST043	Still	210761_ST043_10	00339	424 441.6	6 042 628.4	424 446.4	6 042 627.9	19.3	4.8	
11/08/2022	01:40:18	ST043	Still	210761_ST043_11	00340	424 441.6	6 042 628.4	424 453.1	6 042 627.5	19.9	11.5	
11/08/2022	01:40:38	ST043	Still	210761_ST043_12	00341	424 441.6	6 042 628.4	424 463.7	6 042 626.5	20.0	22.2	
11/08/2022	01:40:55	ST043	Still	210761_ST043_13	00342	424 441.6	6 042 628.4	424 469.7	6 042 627.0	19.8	28.2	
11/08/2022	01:41:09	ST043	Still	210761_ST043_14	00343	424 441.6	6 042 628.4	424 475.0	6 042 626.5	20.0	33.5	
11/08/2022	01:41:15	ST043	Still	210761_ST043_15	00344	424 441.6	6 042 628.4	424 476.6	6 042 626.9	19.9	35.1	
11/08/2022	01:41:48	ST043	Still	210761_ST043_16	00345	424 441.6	6 042 628.4	424 491.2	6 042 626.4	19.8	49.7	
11/08/2022	01:42:00	ST043	Still	210761_ST043_01	00346	424 441.6	6 042 628.4	424 496.3	6 042 625.9	20.0	54.8	
11/08/2022	01:42:11	ST043	Video	EOL	00347	424 441.6	6 042 628.4	424 500.1	6 042 627.5	20.3	58.6	
11/08/2022	01:51:28	ST043	HG	FA/PSDA	00348	424 441.6	6 042 628.4	424 431.6	6 042 620.7	19.7	12.6	
11/08/2022	02:31:48	ST032	Video	SOL	00349	424 986.9	6 039 649.7	424 927.7	6 039 668.0	19.7	61.9	
11/08/2022	02:38:35	ST032	Still	210761_ST032_01	00351	424 986.9	6 039 649.7	424 936.2	6 039 643.5	20.5	51.1	
11/08/2022	02:38:42	ST032	Still	210761_ST032_02	00352	424 986.9	6 039 649.7	424 938.7	6 039 639.9	20.0	49.1	
11/08/2022	02:38:55	ST032	Still	210761_ST032_03	00353	424 986.9	6 039 649.7	424 948.0	6 039 635.6	19.4	41.3	
11/08/2022	02:39:05	ST032	Still	210761_ST032_04	00354	424 986.9	6 039 649.7	424 956.4	6 039 633.7	19.9	34.4	
11/08/2022	02:39:16	ST032	Still	210761_ST032_05	00355	424 986.9	6 039 649.7	424 967.0	6 039 634.7	19.8	24.9	
11/08/2022	02:39:27	ST032	Still	210761_ST032_06	00356	424 986.9	6 039 649.7	424 975.3	6 039 635.6	19.6	18.3	
11/08/2022	02:39:35	ST032	Still	210761_ST032_07	00357	424 986.9	6 039 649.7	424 982.0	6 039 636.7	19.9	13.9	
11/08/2022	02:39:47	ST032	Still	210761_ST032_08	00358	424 986.9	6 039 649.7	424 992.8	6 039 639.9	20.2	11.5	
11/08/2022	02:39:59	ST032	Still	210761_ST032_09	00359	424 986.9	6 039 649.7	425 000.3	6 039 641.2	19.6	15.9	
11/08/2022	02:40:13	ST032	Still	210761_ST032_10	00360	424 986.9	6 039 649.7	425 012.4	6 039 644.6	19.5	26.0	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	02:40:29	ST032	Still	210761_ST032_11	00361	424 986.9	6 039 649.7	425 024.5	6 039 647.1	19.7	37.7	
11/08/2022	02:40:42	ST032	Still	210761_ST032_12	00362	424 986.9	6 039 649.7	425 033.7	6 039 649.0	19.6	46.8	
11/08/2022	02:40:53	ST032	Still	210761_ST032_13	00363	424 986.9	6 039 649.7	425 039.6	6 039 650.2	19.9	52.8	
11/08/2022	02:41:12	ST032	Video	EOL	00364	424 986.9	6 039 649.7	425 049.0	6 039 652.1	19.4	62.2	
11/08/2022	02:49:05	ST032	HG	FA/PSDA	00365	424 986.9	6 039 649.7	424 988.6	6 039 623.6	19.7	26.2	
11/08/2022	03:52:11	ST189	Video	SOL	00366	423 819.7	6 038 077.6	423 848.8	6 038 035.6	19.7	51.0	
11/08/2022	04:00:12	ST189	Still	210761_ST189_01	00368	423 819.7	6 038 077.6	423 816.0	6 038 047.1	20.0	30.7	
11/08/2022	04:00:20	ST189	Still	210761_ST189_02	00369	423 819.7	6 038 077.6	423 823.6	6 038 049.4	19.1	28.5	
11/08/2022	04:00:24	ST189	Still	210761_ST189_03	00370	423 819.7	6 038 077.6	423 827.4	6 038 051.6	19.4	27.1	
11/08/2022	04:00:35	ST189	Still	210761_ST189_04	00371	423 819.7	6 038 077.6	423 838.8	6 038 055.8	19.2	29.0	
11/08/2022	04:00:39	ST189	Still	210761_ST189_05	00372	423 819.7	6 038 077.6	423 841.5	6 038 056.5	18.7	30.4	
11/08/2022	04:00:43	ST189	Still	210761_ST189_06	00373	423 819.7	6 038 077.6	423 846.7	6 038 059.1	19.2	32.7	
11/08/2022	04:00:47	ST189	Still	210761_ST189_07	00374	423 819.7	6 038 077.6	423 849.6	6 038 059.9	19.3	34.7	
11/08/2022	04:00:51	ST189	Still	210761_ST189_08	00375	423 819.7	6 038 077.6	423 853.4	6 038 060.9	19.4	37.6	
11/08/2022	04:00:58	ST189	Still	210761_ST189_09	00376	423 819.7	6 038 077.6	423 858.9	6 038 063.2	19.6	41.8	
11/08/2022	04:01:05	ST189	Still	210761_ST189_10	00377	423 819.7	6 038 077.6	423 863.6	6 038 066.4	19.9	45.3	
11/08/2022	04:01:13	ST189	Still	210761_ST189_11	00378	423 819.7	6 038 077.6	423 868.8	6 038 069.5	19.2	49.7	
11/08/2022	04:01:21	ST189	Still	210761_ST189_12	00379	423 819.7	6 038 077.6	423 875.9	6 038 074.2	20.0	56.3	
11/08/2022	04:01:41	ST189	Still	210761_ST189_13	00380	423 819.7	6 038 077.6	423 886.5	6 038 080.0	19.6	66.8	
11/08/2022	04:01:59	ST189	Still	210761_ST189_14	00381	423 819.7	6 038 077.6	423 896.9	6 038 085.2	19.4	77.5	
11/08/2022	04:02:03	ST189	Still	210761_ST189_15	00382	423 819.7	6 038 077.6	423 899.9	6 038 086.4	19.8	80.6	
11/08/2022	04:02:32	ST189	Still	210761_ST189_16	00383	423 819.7	6 038 077.6	423 918.5	6 038 095.0	18.8	100.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	04:02:51	ST189	Video	EOL	00384	423 819.7	6 038 077.6	423 923.0	6 038 096.0	18.9	104.9	
11/08/2022	04:19:36	BT09	BT	SOL	00386	423 819.4	6 038 078.2	424 179.9	6 037 801.2	8.0	454.7	
11/08/2022	04:32:18	BT09	BT	EOL	00387	423 819.4	6 038 078.2	423 555.5	6 038 311.1	8.0	352.0	
11/08/2022	06:32:05	ST024	Video	SOL	00388	424 441.6	6 036 628.4	424 443.7	6 036 580.9	17.8	47.5	
11/08/2022	06:32:23	ST024	Still	210761_ST024_01	00389	424 441.6	6 036 628.4	424 442.7	6 036 588.3	18.0	40.1	
11/08/2022	06:32:32	ST024	Still	210761_ST024_02	00390	424 441.6	6 036 628.4	424 441.9	6 036 591.5	17.9	36.9	
11/08/2022	06:32:51	ST024	Still	210761_ST024_03	00391	424 441.6	6 036 628.4	424 442.9	6 036 596.8	18.1	31.6	
11/08/2022	06:32:55	ST024	Still	210761_ST024_04	00392	424 441.6	6 036 628.4	424 443.7	6 036 596.4	17.8	32.0	
11/08/2022	06:33:00	ST024	Still	210761_ST024_05	00393	424 441.6	6 036 628.4	424 444.2	6 036 596.9	17.7	31.5	
11/08/2022	06:33:13	ST024	Still	210761_ST024_06	00394	424 441.6	6 036 628.4	424 444.6	6 036 600.9	17.6	27.6	
11/08/2022	06:33:50	ST024	Still	210761_ST024_07	00395	424 441.6	6 036 628.4	424 444.7	6 036 616.7	18.1	12.1	
11/08/2022	06:33:55	ST024	Still	210761_ST024_08	00396	424 441.6	6 036 628.4	424 445.2	6 036 616.7	17.8	12.2	
11/08/2022	06:34:20	ST024	Still	210761_ST024_09	00397	424 441.6	6 036 628.4	424 445.7	6 036 630.1	18.6	4.5	
11/08/2022	06:34:27	ST024	Still	210761_ST024_10	00398	424 441.6	6 036 628.4	424 445.7	6 036 634.3	18.2	7.2	
11/08/2022	06:34:46	ST024	Still	210761_ST024_11	00399	424 441.6	6 036 628.4	424 445.2	6 036 641.6	18.1	13.7	
11/08/2022	06:35:02	ST024	Still	210761_ST024_12	00400	424 441.6	6 036 628.4	424 445.2	6 036 648.0	18.4	20.0	
11/08/2022	06:35:12	ST024	Still	210761_ST024_13	00401	424 441.6	6 036 628.4	424 445.3	6 036 652.1	18.3	24.1	
11/08/2022	06:35:32	ST024	Still	210761_ST024_14	00402	424 441.6	6 036 628.4	424 446.2	6 036 658.1	18.0	30.1	
11/08/2022	06:35:52	ST024	Still	210761_ST024_15	00403	424 441.6	6 036 628.4	424 446.3	6 036 666.4	18.2	38.3	
11/08/2022	06:36:06	ST024	Still	210761_ST024_16	00404	424 441.6	6 036 628.4	424 447.4	6 036 669.8	18.4	41.8	
11/08/2022	06:36:23	ST024	Still	210761_ST024_17	00405	424 441.6	6 036 628.4	424 447.2	6 036 675.3	18.1	47.3	
11/08/2022	06:36:34	ST024	Still	210761_ST024_18	00406	424 441.6	6 036 628.4	424 447.2	6 036 678.5	18.2	50.5	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	06:36:47	ST024	Still	210761_ST024_19	00407	424 441.6	6 036 628.4	424 447.7	6 036 682.4	18.3	54.4	
11/08/2022	06:36:52	ST024	Video	EOL	00408	424 441.6	6 036 628.4	424 447.8	6 036 684.7	18.2	56.7	
11/08/2022	06:46:04	ST024	HG	FA/PSDA	00409	424 441.6	6 036 628.4	424 435.4	6 036 612.0	18.4	17.5	
11/08/2022	07:13:32	ST016	Video	SOL	00410	424 441.6	6 033 628.4	424 434.3	6 033 557.7	27.5	71.0	
11/08/2022	07:13:46	ST016	Still	210761_ST016_01	00411	424 441.6	6 033 628.4	424 433.9	6 033 563.7	27.6	65.1	
11/08/2022	07:14:04	ST016	Still	210761_ST016_02	00412	424 441.6	6 033 628.4	424 433.8	6 033 568.6	27.6	60.3	
11/08/2022	07:14:22	ST016	Still	210761_ST016_03	00413	424 441.6	6 033 628.4	424 434.9	6 033 577.2	27.6	51.6	
11/08/2022	07:14:26	ST016	Still	210761_ST016_04	00414	424 441.6	6 033 628.4	424 435.2	6 033 579.4	27.5	49.4	
11/08/2022	07:14:41	ST016	Still	210761_ST016_05	00415	424 441.6	6 033 628.4	424 434.8	6 033 585.9	27.8	43.0	
11/08/2022	07:14:58	ST016	Still	210761_ST016_06	00416	424 441.6	6 033 628.4	424 435.6	6 033 593.3	27.6	35.6	
11/08/2022	07:15:40	ST016	Still	210761_ST016_07	00417	424 441.6	6 033 628.4	424 440.6	6 033 616.2	26.4	12.2	
11/08/2022	07:15:53	ST016	Still	210761_ST016_08	00418	424 441.6	6 033 628.4	424 442.1	6 033 623.4	26.6	5.0	
11/08/2022	07:16:17	ST016	Still	210761_ST016_09	00419	424 441.6	6 033 628.4	424 442.9	6 033 633.2	26.1	5.0	
11/08/2022	07:16:31	ST016	Still	210761_ST016_10	00420	424 441.6	6 033 628.4	424 442.4	6 033 637.9	26.4	9.6	
11/08/2022	07:16:40	ST016	Still	210761_ST016_11	00421	424 441.6	6 033 628.4	424 442.6	6 033 641.9	26.5	13.6	
11/08/2022	07:16:51	ST016	Still	210761_ST016_12	00422	424 441.6	6 033 628.4	424 443.3	6 033 645.3	26.1	17.1	
11/08/2022	07:17:13	ST016	Still	210761_ST016_13	00423	424 441.6	6 033 628.4	424 443.2	6 033 654.0	25.6	25.7	
11/08/2022	07:17:43	ST016	Still	210761_ST016_14	00424	424 441.6	6 033 628.4	424 443.4	6 033 664.3	25.5	36.0	
11/08/2022	07:18:05	ST016	Still	210761_ST016_15	00425	424 441.6	6 033 628.4	424 444.2	6 033 669.9	25.1	41.7	
11/08/2022	07:18:15	ST016	Still	210761_ST016_16	00426	424 441.6	6 033 628.4	424 443.6	6 033 674.3	25.2	46.0	
11/08/2022	07:18:43	ST016	Still	210761_ST016_17	00427	424 441.6	6 033 628.4	424 443.4	6 033 682.3	24.6	54.0	
11/08/2022	07:19:27	ST016	Video	EOL	00428	424 441.6	6 033 628.4	424 443.3	6 033 692.2	24.1	63.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	07:26:18	ST016	HG	FA/PSDA	00429	424 441.6	6 033 628.4	424 442.6	6 033 605.7	26.3	22.7	
11/08/2022	07:53:06	ST009	Video	SOL	00430	424 780.9	6 030 850.6	424 774.6	6 030 763.2	37.9	87.7	
11/08/2022	07:53:42	ST009	Still	210761_ST009_01	00431	424 780.9	6 030 850.6	424 775.9	6 030 786.2	37.0	64.6	
11/08/2022	07:53:50	ST009	Still	210761_ST009_02	00432	424 780.9	6 030 850.6	424 773.1	6 030 791.6	37.1	59.5	
11/08/2022	07:53:56	ST009	Still	210761_ST009_03	00433	424 780.9	6 030 850.6	424 774.5	6 030 796.6	37.4	54.4	
11/08/2022	07:54:07	ST009	Still	210761_ST009_04	00434	424 780.9	6 030 850.6	424 771.6	6 030 807.3	-	44.3	
11/08/2022	07:54:12	ST009	Still	210761_ST009_05	00435	424 780.9	6 030 850.6	424 771.8	6 030 811.2	37.7	40.5	
11/08/2022	07:54:16	ST009	Still	210761_ST009_06	00436	424 780.9	6 030 850.6	424 772.8	6 030 813.5	37.4	38.0	
11/08/2022	07:54:21	ST009	Still	210761_ST009_07	00437	424 780.9	6 030 850.6	424 773.9	6 030 816.2	36.7	35.2	
11/08/2022	07:54:34	ST009	Still	210761_ST009_08	00438	424 780.9	6 030 850.6	424 773.5	6 030 822.2	36.5	29.3	
11/08/2022	07:54:47	ST009	Still	210761_ST009_09	00439	424 780.9	6 030 850.6	424 772.3	6 030 830.2	36.4	22.1	
11/08/2022	07:54:55	ST009	Still	210761_ST009_10	00440	424 780.9	6 030 850.6	424 773.7	6 030 835.0	36.7	17.2	
11/08/2022	07:55:09	ST009	Still	210761_ST009_11	00441	424 780.9	6 030 850.6	424 774.1	6 030 842.7	36.4	10.4	
11/08/2022	07:55:18	ST009	Still	210761_ST009_12	00442	424 780.9	6 030 850.6	424 774.9	6 030 847.1	36.6	7.0	
11/08/2022	07:55:36	ST009	Still	210761_ST009_13	00443	424 780.9	6 030 850.6	424 776.2	6 030 852.9	36.4	5.2	
11/08/2022	07:56:02	ST009	Still	210761_ST009_14	00444	424 780.9	6 030 850.6	424 778.1	6 030 861.7	36.3	11.5	
11/08/2022	07:56:42	ST009	Still	210761_ST009_15	00445	424 780.9	6 030 850.6	424 778.7	6 030 876.1	36.1	25.6	
11/08/2022	07:56:48	ST009	Still	210761_ST009_16	00446	424 780.9	6 030 850.6	424 778.4	6 030 876.7	36.1	26.2	
11/08/2022	07:57:10	ST009	Still	210761_ST009_17	00447	424 780.9	6 030 850.6	424 779.2	6 030 884.9	36.3	34.3	
11/08/2022	07:57:16	ST009	Still	210761_ST009_18	00448	424 780.9	6 030 850.6	424 777.6	6 030 886.9	36.2	36.4	
11/08/2022	07:57:56	ST009	Still	210761_ST009_19	00449	424 780.9	6 030 850.6	424 776.7	6 030 897.6	36.2	47.2	
11/08/2022	07:58:22	ST009	Video	EOL	00450	424 780.9	6 030 850.6	424 777.1	6 030 901.8	35.8	51.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	08:06:25	ST009	HG	NS	00451	424 780.9	6 030 850.6	424 782.3	6 030 833.4	36.2	17.3	
11/08/2022	08:13:16	ST009	HG	FA/PSDA	00452	424 780.9	6 030 850.6	424 743.2	6 030 854.8	36.2	38.0	
11/08/2022	08:45:02	ST010	Video	SOL	00453	427 441.6	6 030 628.4	427 471.5	6 030 586.9	35.2	51.1	
11/08/2022	08:45:17	ST010	Still	210761_ST010_01	00454	427 441.6	6 030 628.4	427 463.0	6 030 592.4	34.6	41.9	
11/08/2022	08:45:30	ST010	Still	210761_ST010_02	00455	427 441.6	6 030 628.4	427 456.6	6 030 594.7	34.9	36.9	
11/08/2022	08:45:38	ST010	Still	210761_ST010_03	00456	427 441.6	6 030 628.4	427 454.0	6 030 595.8	34.4	34.9	
11/08/2022	08:45:48	ST010	Still	210761_ST010_04	00457	427 441.6	6 030 628.4	427 451.1	6 030 597.7	35.2	32.1	
11/08/2022	08:46:17	ST010	Still	210761_ST010_05	00458	427 441.6	6 030 628.4	427 437.6	6 030 608.3	35.2	20.5	
11/08/2022	08:46:21	ST010	Still	210761_ST010_06	00459	427 441.6	6 030 628.4	427 436.3	6 030 607.8	35.1	21.2	
11/08/2022	08:46:36	ST010	Still	210761_ST010_07	00460	427 441.6	6 030 628.4	427 431.8	6 030 611.6	35.5	19.4	
11/08/2022	08:46:49	ST010	Still	210761_ST010_08	00461	427 441.6	6 030 628.4	427 428.6	6 030 617.7	35.7	16.8	
11/08/2022	08:47:00	ST010	Still	210761_ST010_09	00462	427 441.6	6 030 628.4	427 426.8	6 030 621.2	35.4	16.5	
11/08/2022	08:47:09	ST010	Still	210761_ST010_10	00463	427 441.6	6 030 628.4	427 423.9	6 030 626.0	35.7	17.8	
11/08/2022	08:47:18	ST010	Still	210761_ST010_11	00464	427 441.6	6 030 628.4	427 422.4	6 030 629.6	35.2	19.2	
11/08/2022	08:47:35	ST010	Still	210761_ST010_12	00465	427 441.6	6 030 628.4	427 420.2	6 030 635.7	35.1	22.6	
11/08/2022	08:47:46	ST010	Still	210761_ST010_13	00466	427 441.6	6 030 628.4	427 414.8	6 030 644.1	35.7	31.1	
11/08/2022	08:47:54	ST010	Still	210761_ST010_14	00467	427 441.6	6 030 628.4	427 413.0	6 030 645.9	35.1	33.5	
11/08/2022	08:48:15	ST010	Still	210761_ST010_15	00468	427 441.6	6 030 628.4	427 405.8	6 030 654.1	35.3	44.0	
11/08/2022	08:48:38	ST010	Video	EOL	00469	427 441.6	6 030 628.4	427 398.0	6 030 662.4	35.2	55.3	
11/08/2022	08:57:24	ST010	HG	NS	00470	427 441.6	6 030 628.4	427 441.3	6 030 628.2	34.9	0.3	
11/08/2022	09:04:39	ST010	HG	NS	00471	427 441.6	6 030 628.4	427 427.1	6 030 621.0	34.9	16.3	
11/08/2022	09:10:41	ST010	HG	FA/PSDA	00472	427 441.6	6 030 628.4	427 436.4	6 030 619.4	34.8	10.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	09:41:05	ST003	Video	SOL	00473	427 679.2	6 027 343.7	427 614.7	6 027 325.1	36.0	67.1	
11/08/2022	09:41:17	ST003	Still	210761_ST003_01	00474	427 679.2	6 027 343.7	427 621.6	6 027 326.4	36.4	60.1	
11/08/2022	09:41:35	ST003	Still	210761_ST003_02	00475	427 679.2	6 027 343.7	427 627.8	6 027 327.6	35.6	53.9	
11/08/2022	09:41:55	ST003	Still	210761_ST003_03	00476	427 679.2	6 027 343.7	427 637.3	6 027 332.3	35.6	43.4	
11/08/2022	09:42:29	ST003	Still	210761_ST003_04	00477	427 679.2	6 027 343.7	427 652.8	6 027 336.2	36.0	27.4	
11/08/2022	09:42:38	ST003	Still	210761_ST003_05	00478	427 679.2	6 027 343.7	427 658.1	6 027 336.6	36.1	22.2	
11/08/2022	09:43:05	ST003	Still	210761_ST003_06	00479	427 679.2	6 027 343.7	427 665.9	6 027 338.0	36.1	14.4	
11/08/2022	09:43:20	ST003	Still	210761_ST003_07	00480	427 679.2	6 027 343.7	427 669.8	6 027 338.2	35.9	10.8	
11/08/2022	09:43:45	ST003	Still	210761_ST003_08	00481	427 679.2	6 027 343.7	427 678.8	6 027 341.9	35.1	1.8	
11/08/2022	09:43:55	ST003	Still	210761_ST003_09	00482	427 679.2	6 027 343.7	427 684.4	6 027 344.7	35.4	5.3	
11/08/2022	09:44:18	ST003	Still	210761_ST003_10	00483	427 679.2	6 027 343.7	427 694.1	6 027 352.7	35.7	17.5	
11/08/2022	09:44:41	ST003	Still	210761_ST003_11	00484	427 679.2	6 027 343.7	427 704.1	6 027 361.0	35.8	30.3	
11/08/2022	09:44:55	ST003	Still	210761_ST003_12	00485	427 679.2	6 027 343.7	427 708.2	6 027 361.5	35.8	34.1	
11/08/2022	09:45:10	ST003	Still	210761_ST003_13	00486	427 679.2	6 027 343.7	427 713.6	6 027 367.9	35.9	42.2	
11/08/2022	09:45:35	ST003	Video	EOL	00487	427 679.2	6 027 343.7	427 723.9	6 027 376.8	35.5	55.7	
11/08/2022	09:53:16	ST003	HG	FA/PSDA	00488	427 679.2	6 027 343.7	427 646.6	6 027 356.3	35.2	35.0	
11/08/2022	10:27:54	ST001	Video	SOL	00489	427 683.8	6 024 782.7	427 601.9	6 024 775.8	36.6	82.2	
11/08/2022	10:28:30	ST001	Still	210761_ST001_01	00490	427 683.8	6 024 782.7	427 618.4	6 024 774.6	37.3	65.9	
11/08/2022	10:29:02	ST001	Still	210761_ST001_02	00491	427 683.8	6 024 782.7	427 638.9	6 024 776.9	37.3	45.3	
11/08/2022	10:29:10	ST001	Still	210761_ST001_03	00492	427 683.8	6 024 782.7	427 641.9	6 024 777.2	36.9	42.3	
11/08/2022	10:29:18	ST001	Still	210761_ST001_04	00493	427 683.8	6 024 782.7	427 646.7	6 024 779.0	36.9	37.3	
11/08/2022	10:29:26	ST001	Still	210761_ST001_05	00494	427 683.8	6 024 782.7	427 651.6	6 024 780.1	37.3	32.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	10:29:38	ST001	Still	210761_ST001_06	00495	427 683.8	6 024 782.7	427 657.3	6 024 781.5	36.5	26.6	
11/08/2022	10:29:47	ST001	Still	210761_ST001_07	00496	427 683.8	6 024 782.7	427 662.4	6 024 781.8	36.5	21.4	
11/08/2022	10:29:53	ST001	Still	210761_ST001_08	00497	427 683.8	6 024 782.7	427 666.6	6 024 781.5	36.7	17.3	
11/08/2022	10:30:05	ST001	Still	210761_ST001_09	00498	427 683.8	6 024 782.7	427 672.8	6 024 785.4	37.0	11.3	
11/08/2022	10:30:27	ST001	Still	210761_ST001_10	00499	427 683.8	6 024 782.7	427 686.0	6 024 788.8	36.9	6.5	
11/08/2022	10:30:33	ST001	Still	210761_ST001_11	00500	427 683.8	6 024 782.7	427 688.3	6 024 790.1	36.7	8.7	
11/08/2022	10:30:45	ST001	Still	210761_ST001_12	00501	427 683.8	6 024 782.7	427 695.5	6 024 793.8	37.3	16.1	
11/08/2022	10:30:51	ST001	Still	210761_ST001_13	00502	427 683.8	6 024 782.7	427 698.3	6 024 795.4	37.5	19.3	
11/08/2022	10:31:01	ST001	Still	210761_ST001_14	00503	427 683.8	6 024 782.7	427 704.1	6 024 797.3	37.1	24.9	
11/08/2022	10:31:12	ST001	Still	210761_ST001_15	00504	427 683.8	6 024 782.7	427 710.1	6 024 801.5	37.2	32.3	
11/08/2022	10:31:33	ST001	Video	EOL	00505	427 683.8	6 024 782.7	427 721.3	6 024 802.2	36.6	42.3	
11/08/2022	10:38:14	ST001	HG	FA/PSDA	00506	427 683.8	6 024 782.7	427 648.8	6 024 785.0	36.7	35.1	
11/08/2022	11:42:11	ST012	Video	SOL	00507	433 441.6	6 030 628.4	433 386.0	6 030 608.8	32.5	58.9	
11/08/2022	11:42:58	ST012	Still	210761_ST012_01	00508	433 441.6	6 030 628.4	433 398.7	6 030 613.2	32.9	45.5	
11/08/2022	11:43:31	ST012	Still	210761_ST012_02	00509	433 441.6	6 030 628.4	433 406.0	6 030 616.6	32.7	37.5	
11/08/2022	11:43:35	ST012	Still	210761_ST012_03	00510	433 441.6	6 030 628.4	433 408.3	6 030 616.4	32.8	35.3	
11/08/2022	11:43:44	ST012	Still	210761_ST012_04	00511	433 441.6	6 030 628.4	433 408.8	6 030 616.1	33.0	35.0	
11/08/2022	11:44:49	ST012	Still	210761_ST012_05	00512	433 441.6	6 030 628.4	433 416.7	6 030 618.1	33.0	26.9	
11/08/2022	11:45:09	ST012	Still	210761_ST012_06	00513	433 441.6	6 030 628.4	433 423.3	6 030 619.0	33.7	20.5	
11/08/2022	11:45:13	ST012	Still	210761_ST012_07	00514	433 441.6	6 030 628.4	433 422.8	6 030 618.5	33.3	21.2	
11/08/2022	11:45:29	ST012	Still	210761_ST012_08	00515	433 441.6	6 030 628.4	433 426.8	6 030 620.5	33.4	16.7	
11/08/2022	11:46:01	ST012	Still	210761_ST012_09	00516	433 441.6	6 030 628.4	433 435.8	6 030 622.6	33.6	8.1	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	11:46:15	ST012	Still	210761_ST012_10	00517	433 441.6	6 030 628.4	433 436.6	6 030 624.2	33.3	6.5	
11/08/2022	11:47:05	ST012	Still	210761_ST012_11	00518	433 441.6	6 030 628.4	433 449.8	6 030 631.4	33.4	8.8	
11/08/2022	11:47:40	ST012	Still	210761_ST012_12	00519	433 441.6	6 030 628.4	433 457.7	6 030 638.8	33.4	19.2	
11/08/2022	11:48:03	ST012	Still	210761_ST012_13	00520	433 441.6	6 030 628.4	433 464.1	6 030 643.7	33.6	27.3	
11/08/2022	11:48:24	ST012	Still	210761_ST012_14	00521	433 441.6	6 030 628.4	433 469.7	6 030 647.0	33.5	33.8	
11/08/2022	11:49:07	ST012	Still	210761_ST012_15	00522	433 441.6	6 030 628.4	433 480.1	6 030 657.2	33.2	48.1	
11/08/2022	11:49:15	ST012	Video	EOL	00523	433 441.6	6 030 628.4	433 479.9	6 030 659.7	33.1	49.5	
11/08/2022	11:59:39	ST012	DG	CA	00524	433 441.6	6 030 628.4	433 408.2	6 030 628.0	28.0	33.4	
11/08/2022	12:08:22	ST012	HG	FA/PSDA	00525	433 441.6	6 030 628.4	433 414.7	6 030 618.0	29.0	28.8	
11/08/2022	13:04:35	ST015	Video	SOL	00526	442 441.6	6 030 628.4	442 408.5	6 030 606.1	29.6	39.9	
11/08/2022	13:05:09	ST015	Still	210761_ST015_01	00527	442 441.6	6 030 628.4	442 412.8	6 030 614.1	-	32.1	
11/08/2022	13:06:04	ST015	Video	EOL	No fix	442 441.6	6 030 628.4	442 439.3	6 030 605.9	32.0	22.6	
11/08/2022	13:06:40	ST015	Still	210761_ST015_02	00528	442 441.6	6 030 628.4	442 438.6	6 030 604.8	32.0	23.7	
11/08/2022	13:07:46	ST015A	Video	SOL	00529	442 441.6	6 030 628.4	442 455.7	6 030 624.7	31.5	14.6	
11/08/2022	13:08:14	ST015A	Still	210761_ST015A_01	00530	442 441.6	6 030 628.4	442 460.9	6 030 639.5	32.5	22.3	
11/08/2022	13:08:33	ST015A	Still	210761_ST015A_02	00531	442 441.6	6 030 628.4	442 466.9	6 030 645.0	32.2	30.3	
11/08/2022	13:08:51	ST015A	Still	210761_ST015A_03	00532	442 441.6	6 030 628.4	442 472.8	6 030 649.3	32.1	37.6	
11/08/2022	13:09:01	ST015A	Still	210761_ST015A_04	00533	442 441.6	6 030 628.4	442 477.0	6 030 653.2	32.5	43.3	
11/08/2022	13:09:13	ST015A	Still	210761_ST015A_05	00534	442 441.6	6 030 628.4	442 482.1	6 030 655.3	32.8	48.7	
11/08/2022	13:09:20	ST015A	Still	210761_ST015A_06	00535	442 441.6	6 030 628.4	442 484.4	6 030 658.6	32.7	52.4	
11/08/2022	13:09:28	ST015A	Still	210761_ST015A_07	00536	442 441.6	6 030 628.4	442 487.6	6 030 658.5	32.5	55.0	
11/08/2022	13:09:31	ST015A	Still	210761_ST015A_08	00537	442 441.6	6 030 628.4	442 490.9	6 030 658.3	32.9	57.7	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	13:09:42	ST015A	Still	210761_ST015A_09	00538	442 441.6	6 030 628.4	442 492.9	6 030 657.5	32.3	59.0	
11/08/2022	13:09:54	ST015A	Still	210761_ST015A_10	00539	442 441.6	6 030 628.4	442 499.4	6 030 663.3	33.0	67.6	
11/08/2022	13:10:06	ST015A	Still	210761_ST015A_11	00540	442 441.6	6 030 628.4	442 504.5	6 030 665.1	33.6	72.9	
11/08/2022	13:10:24	ST015A	Still	210761_ST015A_12	00541	442 441.6	6 030 628.4	442 508.9	6 030 668.5	32.9	78.4	
11/08/2022	13:10:31	ST015A	Still	210761_ST015A_13	00542	442 441.6	6 030 628.4	442 509.8	6 030 669.2	32.2	79.5	
11/08/2022	13:10:37	ST015A	Video	EOL	00543	442 441.6	6 030 628.4	442 510.4	6 030 673.3	32.3	82.2	
11/08/2022	13:18:18	ST015	HG	FA/PSDA	00544	442 441.6	6 030 628.4	442 399.5	6 030 638.4	29.0	43.3	
11/08/2022	14:39:57	ST023	Video	SOL	00545	421 855.1	6 036 885.7	421 818.6	6 036 873.6	18.5	38.5	
11/08/2022	14:40:34	ST023	Still	210761_ST023_01	00546	421 855.1	6 036 885.7	421 830.4	6 036 880.7	18.4	25.2	
11/08/2022	14:40:44	ST023	Still	210761_ST023_02	00547	421 855.1	6 036 885.7	421 834.6	6 036 881.5	18.7	20.9	
11/08/2022	14:40:50	ST023	Still	210761_ST023_03	00548	421 855.1	6 036 885.7	421 835.6	6 036 881.1	18.8	20.0	
11/08/2022	14:40:52	ST023	Still	210761_ST023_04	00549	421 855.1	6 036 885.7	421 837.1	6 036 881.3	18.7	18.5	
11/08/2022	14:41:01	ST023	Still	210761_ST023_05	00550	421 855.1	6 036 885.7	421 842.3	6 036 883.4	18.7	13.0	
11/08/2022	14:41:17	ST023	Still	210761_ST023_06	00551	421 855.1	6 036 885.7	421 842.3	6 036 883.4	18.7	13.0	
11/08/2022	14:41:21	ST023	Still	210761_ST023_07	00552	421 855.1	6 036 885.7	421 849.5	6 036 883.7	18.7	6.0	
11/08/2022	14:41:28	ST023	Still	210761_ST023_08	00553	421 855.1	6 036 885.7	421 855.3	6 036 884.1	18.8	1.6	
11/08/2022	14:41:47	ST023	Still	210761_ST023_09	00554	421 855.1	6 036 885.7	421 863.4	6 036 885.6	19.0	8.3	
11/08/2022	14:41:56	ST023	Still	210761_ST023_10	00555	421 855.1	6 036 885.7	421 867.2	6 036 886.2	19.3	12.1	
11/08/2022	14:42:15	ST023	Still	210761_ST023_11	00556	421 855.1	6 036 885.7	421 875.6	6 036 885.9	18.8	20.5	
11/08/2022	14:42:31	ST023	Still	210761_ST023_12	00557	421 855.1	6 036 885.7	421 881.7	6 036 885.9	18.8	26.6	
11/08/2022	14:42:53	ST023	Still	210761_ST023_13	00558	421 855.1	6 036 885.7	421 890.4	6 036 888.3	19.0	35.4	
11/08/2022	14:43:19	ST023	Still	210761_ST023_14	00559	421 855.1	6 036 885.7	421 899.3	6 036 890.7	18.9	44.5	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	14:43:52	ST023	Still	210761_ST023_15	00560	421 855.1	6 036 885.7	421 908.2	6 036 895.8	18.6	54.0	
11/08/2022	14:44:13	ST023	Still	210761_ST023_16	00561	421 855.1	6 036 885.7	421 911.6	6 036 900.1	18.8	58.3	
11/08/2022	14:44:20	ST023	Video	EOL	00562	421 855.1	6 036 885.7	421 912.1	6 036 900.3	18.2	58.8	
11/08/2022	14:50:05	ST023	HG	FA/PSDA	00563	421 855.1	6 036 885.7	421 859.8	6 036 858.6	19.0	27.6	
11/08/2022	16:12:17	ST030	Video	SOL	00565	418 583.6	6 039 959.0	418 602.1	6 039 911.3	-	51.2	
11/08/2022	16:13:00	ST030	Still	210761_ST030_01	00566	418 583.6	6 039 959.0	418 600.9	6 039 938.7	19.7	26.7	
11/08/2022	16:13:11	ST030	Still	210761_ST030_02	00567	418 583.6	6 039 959.0	418 599.5	6 039 943.0	19.6	22.5	
11/08/2022	16:13:19	ST030	Still	210761_ST030_03	00568	418 583.6	6 039 959.0	418 600.3	6 039 945.7	19.7	21.3	
11/08/2022	16:13:24	ST030	Still	210761_ST030_04	00569	418 583.6	6 039 959.0	418 600.5	6 039 947.2	19.8	20.6	
11/08/2022	16:13:31	ST030	Still	210761_ST030_05	00570	418 583.6	6 039 959.0	418 600.5	6 039 949.4	18.9	19.4	
11/08/2022	16:13:43	ST030	Still	210761_ST030_06	00571	418 583.6	6 039 959.0	418 600.2	6 039 957.4	19.8	16.7	
11/08/2022	16:13:55	ST030	Still	210761_ST030_07	00572	418 583.6	6 039 959.0	418 601.1	6 039 961.7	20.1	17.7	
11/08/2022	16:14:04	ST030	Still	210761_ST030_08	00573	418 583.6	6 039 959.0	418 600.7	6 039 964.2	19.2	17.9	
11/08/2022	16:14:24	ST030	Still	210761_ST030_09	00574	418 583.6	6 039 959.0	418 600.6	6 039 973.8	19.8	22.5	
11/08/2022	16:14:59	ST030	Still	210761_ST030_10	00575	418 583.6	6 039 959.0	418 603.1	6 039 990.7	19.4	37.2	
11/08/2022	16:15:12	ST030	Still	210761_ST030_11	00576	418 583.6	6 039 959.0	418 603.1	6 039 996.5	19.5	42.3	
11/08/2022	16:15:21	ST030	Still	210761_ST030_12	00577	418 583.6	6 039 959.0	418 603.5	6 040 001.5	19.5	46.9	
11/08/2022	16:15:31	ST030	Still	210761_ST030_13	00578	418 583.6	6 039 959.0	418 603.8	6 040 005.2	19.5	50.4	
11/08/2022	16:15:52	ST030	Video	EOL	00579	418 583.6	6 039 959.0	418 606.0	6 040 013.9	19.5	59.3	
11/08/2022	16:23:23	ST030	HG	FA/PSDA	00580	418 583.6	6 039 959.0	418 611.9	6 039 938.2	19.7	35.2	
11/08/2022	17:23:34	ST031	Video	SOL	00581	420 725.5	6 039 351.0	420 769.8	6 039 307.3	18.3	62.3	
11/08/2022	17:24:20	ST031	Still	210761_ST031_01	00582	420 725.5	6 039 351.0	420 747.3	6 039 334.0	18.7	27.7	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	17:24:30	ST031	Still	210761_ST031_02	00583	420 725.5	6 039 351.0	420 742.5	6 039 339.9	18.8	20.3	
11/08/2022	17:24:34	ST031	Still	210761_ST031_03	00584	420 725.5	6 039 351.0	420 740.4	6 039 341.6	-	17.7	
11/08/2022	17:24:37	ST031	Still	210761_ST031_04	00585	420 725.5	6 039 351.0	420 740.6	6 039 343.5	18.8	16.9	
11/08/2022	17:24:42	ST031	Still	210761_ST031_05	00586	420 725.5	6 039 351.0	420 738.4	6 039 345.9	19.8	13.9	
11/08/2022	17:24:46	ST031	Still	210761_ST031_06	00587	420 725.5	6 039 351.0	420 737.1	6 039 348.4	19.4	11.9	
11/08/2022	17:24:59	ST031	Still	210761_ST031_07	00588	420 725.5	6 039 351.0	420 735.0	6 039 353.3	-	9.8	
11/08/2022	17:25:02	ST031	Still	210761_ST031_08	00589	420 725.5	6 039 351.0	420 731.9	6 039 358.3	20.3	9.7	
11/08/2022	17:25:16	ST031	Still	210761_ST031_09	00590	420 725.5	6 039 351.0	420 732.0	6 039 365.0	-	15.5	
11/08/2022	17:25:25	ST031	Still	210761_ST031_10	00591	420 725.5	6 039 351.0	420 730.1	6 039 370.4	20.2	19.9	
11/08/2022	17:25:34	ST031	Still	210761_ST031_11	00592	420 725.5	6 039 351.0	420 729.2	6 039 376.5	19.8	25.8	
11/08/2022	17:25:45	ST031	Still	210761_ST031_12	00593	420 725.5	6 039 351.0	420 727.5	6 039 384.6	19.1	33.7	
11/08/2022	17:25:51	ST031	Still	210761_ST031_13	00594	420 725.5	6 039 351.0	420 726.7	6 039 388.7	19.9	37.7	
11/08/2022	17:25:54	ST031	Still	210761_ST031_14	00595	420 725.5	6 039 351.0	420 726.5	6 039 388.9	19.4	37.9	
11/08/2022	17:25:58	ST031	Still	210761_ST031_15	00596	420 725.5	6 039 351.0	420 725.7	6 039 392.4	19.7	41.4	
11/08/2022	17:26:02	ST031	Still	210761_ST031_16	00597	420 725.5	6 039 351.0	420 725.3	6 039 394.6	19.5	43.6	
11/08/2022	17:26:05	ST031	Still	210761_ST031_17	00598	420 725.5	6 039 351.0	420 725.1	6 039 396.1	20.0	45.1	
11/08/2022	17:26:08	ST031	Still	210761_ST031_18	00599	420 725.5	6 039 351.0	420 725.5	6 039 397.9	20.1	46.9	
11/08/2022	17:26:16	ST031	Still	210761_ST031_19	00600	420 725.5	6 039 351.0	420 723.5	6 039 402.6	19.9	51.6	
11/08/2022	17:26:25	ST031	Video	EOL	00601	420 725.5	6 039 351.0	420 724.9	6 039 406.1	18.8	55.1	
11/08/2022	17:35:10	ST031	HG	FA/PSDA	00602	420 725.5	6 039 351.0	420 728.2	6 039 327.8	18.8	23.4	
11/08/2022	17:41:55	ST031	DG	CA	00603	420 725.5	6 039 351.0	420 728.5	6 039 341.5	18.8	10.0	
11/08/2022	18:26:52	ST188	Video	SOL	00604	413 944.7	6 036 359.6	414 008.3	6 036 325.8	17.9	72.0	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	18:27:39	ST188	Still	210761_ST188_01	00605	413 944.7	6 036 359.6	413 978.4	6 036 336.3	18.1	41.0	
11/08/2022	18:27:43	ST188	Still	210761_ST188_02	00606	413 944.7	6 036 359.6	413 979.0	6 036 337.4	17.7	40.9	
11/08/2022	18:28:02	ST188	Still	210761_ST188_03	00607	413 944.7	6 036 359.6	413 971.1	6 036 342.9	17.6	31.3	
11/08/2022	18:28:02	ST188	Still	210761_ST188_04	00608	413 944.7	6 036 359.6	413 970.9	6 036 341.5	17.5	31.9	
11/08/2022	18:28:06	ST188	Still	210761_ST188_05	00609	413 944.7	6 036 359.6	413 970.2	6 036 343.3	17.3	30.3	
11/08/2022	18:28:11	ST188	Still	210761_ST188_06	00610	413 944.7	6 036 359.6	413 967.2	6 036 343.7	17.8	27.6	
11/08/2022	18:28:23	ST188	Still	210761_ST188_07	00611	413 944.7	6 036 359.6	413 961.9	6 036 347.6	17.7	21.0	
11/08/2022	18:28:32	ST188	Still	210761_ST188_08	00612	413 944.7	6 036 359.6	413 958.7	6 036 352.0	17.4	15.9	
11/08/2022	18:28:42	ST188	Still	210761_ST188_09	00613	413 944.7	6 036 359.6	413 954.8	6 036 353.9	17.8	11.6	
11/08/2022	18:29:03	ST188	Still	210761_ST188_10	00614	413 944.7	6 036 359.6	413 945.7	6 036 361.9	17.9	2.5	
11/08/2022	18:29:08	ST188	Still	210761_ST188_11	00615	413 944.7	6 036 359.6	413 944.6	6 036 364.0	17.8	4.4	
11/08/2022	18:29:32	ST188	Still	210761_ST188_12	00616	413 944.7	6 036 359.6	413 935.8	6 036 372.5	17.8	15.7	
11/08/2022	18:29:40	ST188	Still	210761_ST188_13	00617	413 944.7	6 036 359.6	413 932.5	6 036 375.6	18.3	20.1	
11/08/2022	18:29:53	ST188	Still	210761_ST188_14	00618	413 944.7	6 036 359.6	413 928.1	6 036 379.7	17.8	26.1	
11/08/2022	18:30:01	ST188	Still	210761_ST188_15	00619	413 944.7	6 036 359.6	413 926.0	6 036 381.8	17.7	29.0	
11/08/2022	18:30:05	ST188	Still	210761_ST188_16	00620	413 944.7	6 036 359.6	413 925.2	6 036 382.8	17.7	30.3	
11/08/2022	18:30:14	ST188	Still	210761_ST188_17	00621	413 944.7	6 036 359.6	413 922.4	6 036 384.5	17.2	33.4	
11/08/2022	18:30:42	ST188	Still	210761_ST188_18	00622	413 944.7	6 036 359.6	413 910.1	6 036 395.2	17.8	49.6	
11/08/2022	18:30:50	ST188	Video	EOL	00623	413 944.7	6 036 359.6	413 907.4	6 036 397.4	18.2	53.1	
11/08/2022	18:57:25	ST139	Video	SOL	00624	411 614.5	6 035 923.6	411 677.3	6 035 896.3	43.4	68.5	
11/08/2022	18:57:56	ST139	Still	210761_ST139_01	00625	411 614.5	6 035 923.6	411 660.2	6 035 901.8	43.7	50.6	
11/08/2022	18:58:00	ST139	Still	210761_ST139_02	00626	411 614.5	6 035 923.6	411 658.6	6 035 902.4	44.2	48.9	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	18:58:08	ST139	Still	210761_ST139_03	00627	411 614.5	6 035 923.6	411 653.1	6 035 904.8	44.6	42.9	
11/08/2022	18:58:12	ST139	Still	210761_ST139_04	00628	411 614.5	6 035 923.6	411 652.2	6 035 906.5	44.1	41.4	
11/08/2022	18:58:29	ST139	Still	210761_ST139_05	00629	411 614.5	6 035 923.6	411 642.7	6 035 912.6	44.5	30.3	
11/08/2022	18:58:37	ST139	Still	210761_ST139_06	00630	411 614.5	6 035 923.6	411 639.5	6 035 913.6	44.3	26.9	
11/08/2022	18:58:46	ST139	Still	210761_ST139_07	00631	411 614.5	6 035 923.6	411 634.5	6 035 915.4	43.8	21.6	
11/08/2022	18:58:51	ST139	Still	210761_ST139_08	00632	411 614.5	6 035 923.6	411 631.4	6 035 916.3	44.7	18.4	
11/08/2022	18:58:55	ST139	Still	210761_ST139_09	00633	411 614.5	6 035 923.6	411 631.0	6 035 916.8	44.4	17.8	
11/08/2022	18:59:03	ST139	Still	210761_ST139_10	00634	411 614.5	6 035 923.6	411 627.0	6 035 919.8	44.3	13.0	
11/08/2022	18:59:12	ST139	Still	210761_ST139_11	00635	411 614.5	6 035 923.6	411 621.8	6 035 922.4	44.8	7.4	
11/08/2022	18:59:15	ST139	Still	210761_ST139_12	00636	411 614.5	6 035 923.6	411 623.2	6 035 922.3	43.8	8.8	
11/08/2022	18:59:42	ST139	Still	210761_ST139_13	00637	411 614.5	6 035 923.6	411 610.3	6 035 930.6	44.6	8.2	
11/08/2022	19:00:03	ST139	Still	210761_ST139_14	00638	411 614.5	6 035 923.6	411 602.4	6 035 937.0	44.6	18.1	
11/08/2022	19:00:13	ST139	Still	210761_ST139_15	00639	411 614.5	6 035 923.6	411 598.3	6 035 941.5	44.4	24.1	
11/08/2022	19:00:24	ST139	Still	210761_ST139_16	00640	411 614.5	6 035 923.6	411 597.2	6 035 943.0	-	26.0	
11/08/2022	19:00:45	ST139	Still	210761_ST139_17	00641	411 614.5	6 035 923.6	411 588.4	6 035 949.0	44.5	36.4	
11/08/2022	19:00:54	ST139	Still	210761_ST139_18	00642	411 614.5	6 035 923.6	411 590.5	6 035 948.9	-	34.9	
11/08/2022	19:01:20	ST139	Still	210761_ST139_19	00643	411 614.5	6 035 923.6	411 580.0	6 035 957.7	44.5	48.5	
11/08/2022	19:01:27	ST139	Video	EOL	00644	411 614.5	6 035 923.6	411 579.3	6 035 959.4	44.2	50.2	
11/08/2022	19:52:00	ST141	DG	CA	00645	401 774.3	6 034 148.5	401 758.9	6 034 143.5	36.0	16.2	
11/08/2022	21:14:16	BT18	BT	SOL	00646	386 160.7	6 035 920.8	386 303.0	6 035 696.6	55.0	265.6	
11/08/2022	21:28:09	BT18	BT	EOL	00647	386 160.7	6 035 920.8	386 009.8	6 036 421.9	55.0	523.3	
11/08/2022	21:53:06	BT18	BT	SOL	00648	386 160.7	6 035 920.8	385 762.6	6 036 030.1	55.0	412.9	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
11/08/2022	22:06:53	BT18	BT	EOL	00649	386 160.7	6 035 920.8	386 564.6	6 035 791.7	55.0	424.1	
11/08/2022	23:50:14	ST146	DG	CA	00650	377 058.2	6 037 144.5	377 020.7	6 037 174.6	46.4	48.1	
12/08/2022	00:43:05	ST136	HG	FA/PSDA	00651	370 610.2	6 041 063.6	370 623.2	6 041 051.3	56.0	17.8	
12/08/2022	01:21:43	ST135	HG	NS	00652	375 121.7	6 043 219.3	375 121.8	6 043 214.0	67.1	5.3	
12/08/2022	01:29:14	ST135	HG	FA/PSDA	00653	375 121.7	6 043 219.3	375 130.8	6 043 205.0	67.7	16.9	
12/08/2022	02:04:04	BT23	BT	SOL	00654	376 333.1	6 043 778.3	375 981.5	6 043 968.7	65.0	399.8	
12/08/2022	02:18:11	BT23	BT	EOL	00655	376 333.1	6 043 778.3	376 705.7	6 043 583.3	66.0	420.6	
12/08/2022	04:18:51	ST134	HG	NS	00656	379 633.1	6 045 375.0	379 667.4	6 045 354.7	60.0	39.9	
12/08/2022	04:25:17	ST134	HG	NS	00657	379 633.1	6 045 375.0	379 628.1	6 045 389.7	61.1	15.5	
12/08/2022	04:32:07	ST134	HG	FA/PSDA	00658	379 633.1	6 045 375.0	379 627.8	6 045 377.7	60.8	5.9	
12/08/2022	04:54:42	ST134	DG	CA	00659	379 633.1	6 045 375.0	379 648.3	6 045 384.4	61.2	17.9	
12/08/2022	05:27:08	ST133	HG	FA/PSDA	00660	384 144.5	6 047 530.8	384 153.2	6 047 509.7	52.6	22.8	
12/08/2022	05:51:08	ST187	Video	SOL	00661	385 044.8	6 048 363.7	385 056.8	6 048 304.4	42.4	60.6	
12/08/2022	05:51:39	ST187	Still	210761_ST187_01	00662	385 044.8	6 048 363.7	385 052.5	6 048 317.0	43.3	47.3	
12/08/2022	05:51:58	ST187	Still	210761_ST187_02	00663	385 044.8	6 048 363.7	385 053.2	6 048 324.6	43.6	40.0	
12/08/2022	05:52:08	ST187	Still	210761_ST187_03	00664	385 044.8	6 048 363.7	385 053.5	6 048 328.8	43.0	36.0	
12/08/2022	05:52:12	ST187	Still	210761_ST187_04	00665	385 044.8	6 048 363.7	385 054.0	6 048 330.8	43.3	34.2	
12/08/2022	05:52:32	ST187	Still	210761_ST187_05	00666	385 044.8	6 048 363.7	385 054.7	6 048 338.0	42.7	27.6	
12/08/2022	05:52:54	ST187	Still	210761_ST187_06	00667	385 044.8	6 048 363.7	385 058.4	6 048 351.9	43.0	18.0	
12/08/2022	05:53:14	ST187	Still	210761_ST187_07	00668	385 044.8	6 048 363.7	385 058.5	6 048 364.6	43.6	13.8	
12/08/2022	05:53:15	ST187	Still	210761_ST187_08	00669	385 044.8	6 048 363.7	385 058.9	6 048 365.7	43.8	14.2	
12/08/2022	05:53:34	ST187	Still	210761_ST187_09	00670	385 044.8	6 048 363.7	385 061.4	6 048 373.6	42.5	19.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	05:53:48	ST187	Still	210761_ST187_10	00671	385 044.8	6 048 363.7	385 060.7	6 048 381.8	42.5	24.1	
12/08/2022	05:54:37	ST187	Still	210761_ST187_11	00672	385 044.8	6 048 363.7	385 059.9	6 048 400.9	41.9	40.1	
12/08/2022	05:55:17	ST187	Video	EOL	00673	385 044.8	6 048 363.7	385 063.0	6 048 420.5	41.8	59.7	
12/08/2022	06:41:19	ST153	HG	FA/PSDA	00674	383 431.8	6 049 508.1	383 426.4	6 049 499.0	49.1	10.6	
12/08/2022	06:59:44	ST186	Video	SOL	00675	382 948.4	6 049 501.9	383 005.7	6 049 536.0	50.0	66.7	
12/08/2022	07:00:17	ST186	Still	210761_ST186_01	00676	382 948.4	6 049 501.9	382 998.4	6 049 536.2	50.1	60.7	
12/08/2022	07:01:31	ST186	Still	210761_ST186_02	00677	382 948.4	6 049 501.9	382 990.8	6 049 525.7	50.0	48.6	
12/08/2022	07:01:39	ST186	Still	210761_ST186_03	00678	382 948.4	6 049 501.9	382 988.4	6 049 524.8	50.3	46.1	
12/08/2022	07:02:16	ST186	Still	210761_ST186_04	00679	382 948.4	6 049 501.9	382 975.9	6 049 518.8	50.2	32.3	
12/08/2022	07:02:34	ST186	Still	210761_ST186_05	00680	382 948.4	6 049 501.9	382 968.2	6 049 516.1	50.3	24.4	
12/08/2022	07:02:47	ST186	Still	210761_ST186_06	00681	382 948.4	6 049 501.9	382 962.3	6 049 516.0	50.0	19.8	
12/08/2022	07:03:04	ST186	Still	210761_ST186_07	00682	382 948.4	6 049 501.9	382 956.8	6 049 512.2	50.4	13.3	
12/08/2022	07:03:13	ST186	Still	210761_ST186_08	00683	382 948.4	6 049 501.9	382 954.2	6 049 509.4	50.2	9.5	
12/08/2022	07:03:32	ST186	Still	210761_ST186_09	00684	382 948.4	6 049 501.9	382 945.2	6 049 506.9	50.2	6.0	
12/08/2022	07:04:15	ST186	Still	210761_ST186_10	00685	382 948.4	6 049 501.9	382 925.6	6 049 502.0	50.0	22.8	
12/08/2022	07:04:23	ST186	Still	210761_ST186_11	00686	382 948.4	6 049 501.9	382 924.1	6 049 497.0	50.0	24.8	
12/08/2022	07:04:30	ST186	Still	210761_ST186_12	00687	382 948.4	6 049 501.9	382 919.1	6 049 500.5	49.8	29.3	
12/08/2022	07:04:43	ST186	Still	210761_ST186_13	00688	382 948.4	6 049 501.9	382 914.8	6 049 499.3	49.4	33.6	
12/08/2022	07:04:55	ST186	Still	210761_ST186_14	00689	382 948.4	6 049 501.9	382 911.4	6 049 495.3	49.4	37.6	
12/08/2022	07:05:10	ST186	Video	EOL	00690	382 948.4	6 049 501.9	382 900.4	6 049 495.0	49.6	48.4	
12/08/2022	07:33:47	ST152	HG	FA/PSDA	00691	378 432.2	6 049 443.3	378 442.8	6 049 425.8	37.1	20.5	
12/08/2022	08:04:39	ST151	DG	NS	00692	373 432.7	6 049 378.5	373 401.3	6 049 376.6	58.9	31.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	08:13:15	ST151	DG	CA	00693	373 432.7	6 049 378.5	373 420.9	6 049 377.2	59.4	11.9	
12/08/2022	08:30:04	ST151	HG	NS	00694	373 432.7	6 049 378.5	373 418.5	6 049 381.5	58.0	14.4	
12/08/2022	08:36:12	ST151	HG	FA/PSDA	00695	373 432.7	6 049 378.5	373 435.5	6 049 383.7	57.3	5.9	
12/08/2022	08:58:22	ST185	Video	SOL	00696	371 640.6	6 049 271.6	371 600.2	6 049 319.4	62.6	62.7	
12/08/2022	08:58:42	ST185	Still	210761_ST185_01	00697	371 640.6	6 049 271.6	371 597.0	6 049 315.4	63.7	61.9	
12/08/2022	08:59:16	ST185	Still	210761_ST185_02	00698	371 640.6	6 049 271.6	371 596.3	6 049 309.5	63.9	58.4	
12/08/2022	08:59:28	ST185	Still	210761_ST185_03	00699	371 640.6	6 049 271.6	371 596.2	6 049 307.2	64.0	56.9	
12/08/2022	08:59:40	ST185	Still	210761_ST185_04	00700	371 640.6	6 049 271.6	371 599.2	6 049 304.2	63.8	52.7	
12/08/2022	09:00:19	ST185	Still	210761_ST185_05	00701	371 640.6	6 049 271.6	371 605.4	6 049 299.2	64.1	44.7	
12/08/2022	09:00:26	ST185	Still	210761_ST185_06	00702	371 640.6	6 049 271.6	371 607.3	6 049 299.6	63.8	43.5	
12/08/2022	09:01:01	ST185	Still	210761_ST185_07	00703	371 640.6	6 049 271.6	371 613.8	6 049 297.0	63.4	37.0	
12/08/2022	09:01:57	ST185	Still	210761_ST185_08	00704	371 640.6	6 049 271.6	371 637.0	6 049 298.5	63.7	27.2	
12/08/2022	09:02:00	ST185	Still	210761_ST185_09	00705	371 640.6	6 049 271.6	371 637.6	6 049 297.7	63.8	26.3	
12/08/2022	09:02:13	ST185	Still	210761_ST185_10	00706	371 640.6	6 049 271.6	371 639.9	6 049 296.2	63.7	24.6	
12/08/2022	09:02:20	ST185	Still	210761_ST185_11	00707	371 640.6	6 049 271.6	371 643.3	6 049 296.0	63.9	24.6	
12/08/2022	09:03:00	ST185	Still	210761_ST185_12	00708	371 640.6	6 049 271.6	371 657.3	6 049 294.7	63.4	28.5	
12/08/2022	09:03:32	ST185	Still	210761_ST185_13	00709	371 640.6	6 049 271.6	371 671.4	6 049 298.7	63.6	40.9	
12/08/2022	09:03:33	ST185	Still	210761_ST185_14	00710	371 640.6	6 049 271.6	371 670.6	6 049 295.9	63.8	38.6	
12/08/2022	09:03:45	ST185	Still	210761_ST185_15	00711	371 640.6	6 049 271.6	371 673.6	6 049 294.7	63.5	40.2	
12/08/2022	09:03:55	ST185	Still	210761_ST185_16	00712	371 640.6	6 049 271.6	371 676.3	6 049 294.0	63.7	42.1	
12/08/2022	09:04:16	ST185	Still	210761_ST185_17	00713	371 640.6	6 049 271.6	371 680.5	6 049 291.3	63.7	44.4	
12/08/2022	09:04:29	ST185	Video	EOL	00714	371 640.6	6 049 271.6	371 685.0	6 049 291.3	63.4	48.5	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	09:27:26	ST150	HG	NS	00715	368 443.0	6 049 061.4	368 430.8	6 049 068.2	56.6	14.0	
12/08/2022	09:34:35	ST150	HG	FA/PSDA	00716	368 443.0	6 049 061.4	368 417.9	6 049 057.9	56.2	25.3	
12/08/2022	10:08:50	ST149	HG	FA/PSDA	00717	364 132.7	6 046 647.0	364 106.7	6 046 666.0	55.3	32.2	
12/08/2022	10:38:06	ST148	HG	NS	00718	359 906.0	6 043 975.9	359 900.6	6 043 988.4	55.4	13.6	
12/08/2022	10:43:58	ST148	HG	FA/PSDA	00719	359 906.0	6 043 975.9	359 894.6	6 043 991.7	55.9	19.5	
12/08/2022	12:55:11	ST061	Video	SOL	00720	391 441.6	6 048 628.4	391 400.5	6 048 666.8	-	56.2	
12/08/2022	12:55:49	ST061	Still	210761_ST061_01	00721	391 441.6	6 048 628.4	391 416.7	6 048 655.8	31.8	37.0	
12/08/2022	12:55:59	ST061	Still	210761_ST061_02	00722	391 441.6	6 048 628.4	391 420.8	6 048 651.8	32.1	31.3	
12/08/2022	12:56:01	ST061	Still	210761_ST061_03	00723	391 441.6	6 048 628.4	391 422.6	6 048 651.1	32.4	29.6	
12/08/2022	12:56:20	ST061	Still	210761_ST061_04	00724	391 441.6	6 048 628.4	391 428.5	6 048 642.8	31.7	19.5	
12/08/2022	12:56:33	ST061	Still	210761_ST061_05	00725	391 441.6	6 048 628.4	391 432.4	6 048 636.4	31.9	12.2	
12/08/2022	12:56:44	ST061	Still	210761_ST061_06	00726	391 441.6	6 048 628.4	391 435.8	6 048 632.6	31.8	7.2	
12/08/2022	12:56:54	ST061	Still	210761_ST061_07	00727	391 441.6	6 048 628.4	391 440.1	6 048 628.1	31.9	1.5	
12/08/2022	12:57:07	ST061	Still	210761_ST061_08	00728	391 441.6	6 048 628.4	391 442.7	6 048 624.1	31.5	4.4	
12/08/2022	12:57:15	ST061	Still	210761_ST061_09	00729	391 441.6	6 048 628.4	391 445.1	6 048 620.9	31.4	8.3	
12/08/2022	12:57:28	ST061	Still	210761_ST061_10	00730	391 441.6	6 048 628.4	391 447.2	6 048 617.4	31.5	12.3	
12/08/2022	12:57:42	ST061	Still	210761_ST061_11	00731	391 441.6	6 048 628.4	391 451.5	6 048 615.8	31.5	16.0	
12/08/2022	12:57:57	ST061	Still	210761_ST061_12	00732	391 441.6	6 048 628.4	391 454.0	6 048 612.4	31.6	20.2	
12/08/2022	12:58:12	ST061	Still	210761_ST061_13	00733	391 441.6	6 048 628.4	391 458.4	6 048 609.7	31.3	25.1	
12/08/2022	12:58:20	ST061	Still	210761_ST061_14	00734	391 441.6	6 048 628.4	391 460.1	6 048 608.2	31.4	27.4	
12/08/2022	12:58:33	ST061	Still	210761_ST061_15	00735	391 441.6	6 048 628.4	391 463.5	6 048 605.7	31.3	31.5	
12/08/2022	12:58:47	ST061	Still	210761_ST061_16	00736	391 441.6	6 048 628.4	391 465.8	6 048 602.0	31.5	35.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	12:59:00	ST061	Still	210761_ST061_17	00737	391 441.6	6 048 628.4	391 468.7	6 048 598.9	31.3	40.1	
12/08/2022	12:59:25	ST061	Still	210761_ST061_18	00738	391 441.6	6 048 628.4	391 472.9	6 048 594.5	31.0	46.1	
12/08/2022	12:59:32	ST061	Still	210761_ST061_19	00739	391 441.6	6 048 628.4	391 473.9	6 048 593.1	31.2	47.8	
12/08/2022	12:59:37	ST061	Still	210761_ST061_20	00740	391 441.6	6 048 628.4	391 475.1	6 048 593.9	30.6	48.1	
12/08/2022	12:59:56	ST061	Video	EOL	00741	391 441.6	6 048 628.4	391 479.9	6 048 591.2	30.7	53.4	
12/08/2022	13:06:24	ST061	HG	FA/PSDA	00742	391 441.6	6 048 628.4	391 430.0	6 048 625.2	31.9	12.0	
12/08/2022	13:36:35	ST079	Video	SOL	00743	391 441.6	6 051 628.4	391 383.9	6 051 642.1	28.0	59.2	
12/08/2022	13:37:04	ST079	Still	210761_ST079_01	00744	391 441.6	6 051 628.4	391 394.3	6 051 632.0	31.6	47.4	
12/08/2022	13:37:33	ST079	Still	210761_ST079_02	00745	391 441.6	6 051 628.4	391 408.2	6 051 624.3	32.1	33.6	
12/08/2022	13:37:54	ST079	Still	210761_ST079_03	00746	391 441.6	6 051 628.4	391 419.1	6 051 616.5	32.3	25.4	
12/08/2022	13:38:10	ST079	Still	210761_ST079_04	00747	391 441.6	6 051 628.4	391 429.5	6 051 615.1	32.0	17.9	
12/08/2022	13:38:16	ST079	Still	210761_ST079_05	00748	391 441.6	6 051 628.4	391 433.4	6 051 614.0	32.3	16.5	
12/08/2022	13:38:36	ST079	Still	210761_ST079_06	00749	391 441.6	6 051 628.4	391 443.7	6 051 611.1	31.7	17.4	
12/08/2022	13:38:44	ST079	Still	210761_ST079_07	00750	391 441.6	6 051 628.4	391 448.9	6 051 612.1	32.1	17.8	
12/08/2022	13:38:51	ST079	Still	210761_ST079_08	00751	391 441.6	6 051 628.4	391 452.1	6 051 611.6	32.2	19.8	
12/08/2022	13:38:56	ST079	Still	210761_ST079_09	00752	391 441.6	6 051 628.4	391 453.3	6 051 607.9	32.1	23.6	
12/08/2022	13:39:01	ST079	Still	210761_ST079_10	00753	391 441.6	6 051 628.4	391 455.1	6 051 610.3	31.9	22.6	
12/08/2022	13:39:21	ST079	Still	210761_ST079_11	00754	391 441.6	6 051 628.4	391 464.4	6 051 603.5	32.1	33.8	
12/08/2022	13:39:34	ST079	Still	210761_ST079_12	00755	391 441.6	6 051 628.4	391 472.0	6 051 603.4	32.0	39.4	
12/08/2022	13:40:00	ST079	Still	210761_ST079_13	00756	391 441.6	6 051 628.4	391 478.5	6 051 592.3	32.1	51.6	
12/08/2022	13:40:24	ST079	Video	EOL	00757	391 441.6	6 051 628.4	391 487.7	6 051 586.1	31.8	62.6	
12/08/2022	13:47:11	ST079	HG	FA/PSDA	00758	391 441.6	6 051 628.4	391 437.1	6 051 606.4	28.0	22.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	14:11:50	ST078	Video	SOL	00759	388 335.6	6 051 708.2	388 380.6	6 051 644.8	33.2	77.8	
12/08/2022	14:12:10	ST078	Still	210761_ST078_01	00760	388 335.6	6 051 708.2	388 372.3	6 051 659.0	33.1	61.4	
12/08/2022	14:12:20	ST078	Still	210761_ST078_02	00761	388 335.6	6 051 708.2	388 370.4	6 051 664.1	33.0	56.2	
12/08/2022	14:12:36	ST078	Still	210761_ST078_03	00762	388 335.6	6 051 708.2	388 367.8	6 051 672.3	32.9	48.3	
12/08/2022	14:12:50	ST078	Still	210761_ST078_04	00763	388 335.6	6 051 708.2	388 362.8	6 051 679.5	32.9	39.6	
12/08/2022	14:13:04	ST078	Still	210761_ST078_05	00764	388 335.6	6 051 708.2	388 359.1	6 051 684.4	32.7	33.5	
12/08/2022	14:13:11	ST078	Still	210761_ST078_06	00765	388 335.6	6 051 708.2	388 357.2	6 051 686.9	33.1	30.4	
12/08/2022	14:13:27	ST078	Still	210761_ST078_07	00766	388 335.6	6 051 708.2	388 353.3	6 051 695.6	32.4	21.8	
12/08/2022	14:13:40	ST078	Still	210761_ST078_08	00767	388 335.6	6 051 708.2	388 349.0	6 051 700.0	32.6	15.8	
12/08/2022	14:13:43	ST078	Still	210761_ST078_09	00768	388 335.6	6 051 708.2	388 346.4	6 051 700.8	33.4	13.1	
12/08/2022	14:14:09	ST078	Still	210761_ST078_10	00769	388 335.6	6 051 708.2	388 335.6	6 051 712.1	33.5	3.9	
12/08/2022	14:14:14	ST078	Still	210761_ST078_11	00770	388 335.6	6 051 708.2	388 333.7	6 051 715.0	33.5	7.0	
12/08/2022	14:14:35	ST078	Still	210761_ST078_12	00771	388 335.6	6 051 708.2	388 327.7	6 051 724.5	33.8	18.1	
12/08/2022	14:14:39	ST078	Still	210761_ST078_13	00772	388 335.6	6 051 708.2	388 327.8	6 051 726.1	33.4	19.5	
12/08/2022	14:15:09	ST078	Still	210761_ST078_14	00773	388 335.6	6 051 708.2	388 317.8	6 051 741.4	33.7	37.6	
12/08/2022	14:15:27	ST078	Video	EOL	00774	388 335.6	6 051 708.2	388 312.8	6 051 748.2	33.6	46.0	
12/08/2022	14:24:43	ST078	DG	NS	00775	388 335.6	6 051 708.2	388 352.1	6 051 706.5	32.4	16.6	
12/08/2022	14:31:39	ST078	DG	NS	00776	388 335.6	6 051 708.2	388 332.2	6 051 682.6	32.4	25.8	
12/08/2022	14:39:02	ST078	DG	CA	00777	388 335.6	6 051 708.2	388 370.3	6 051 693.7	32.4	37.6	
12/08/2022	14:47:24	ST078	HG	FA/PSDA	00778	388 335.6	6 051 708.2	388 341.8	6 051 713.2	32.4	8.0	
12/08/2022	15:23:11	ST205	Video	SOL	00779	387 894.0	6 051 586.0	387 895.0	6 051 511.6	33.1	74.4	
12/08/2022	15:23:37	ST205	Still	210761_ST205_01	00780	387 894.0	6 051 586.0	387 898.2	6 051 525.3	33.5	60.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	15:24:03	ST205	Still	210761_ST205_02	00781	387 894.0	6 051 586.0	387 899.3	6 051 537.7	33.8	48.6	
12/08/2022	15:24:17	ST205	Still	210761_ST205_03	00782	387 894.0	6 051 586.0	387 900.0	6 051 545.0	33.8	41.4	
12/08/2022	15:24:22	ST205	Still	210761_ST205_04	00783	387 894.0	6 051 586.0	387 899.4	6 051 546.0	33.8	40.3	
12/08/2022	15:24:37	ST205	Still	210761_ST205_05	00784	387 894.0	6 051 586.0	387 897.7	6 051 553.2	33.9	33.0	
12/08/2022	15:24:49	ST205	Still	210761_ST205_06	00785	387 894.0	6 051 586.0	387 897.5	6 051 556.6	33.7	29.6	
12/08/2022	15:24:53	ST205	Still	210761_ST205_07	00786	387 894.0	6 051 586.0	387 896.4	6 051 558.4	34.2	27.7	
12/08/2022	15:25:03	ST205	Still	210761_ST205_08	00787	387 894.0	6 051 586.0	387 898.3	6 051 562.2	33.6	24.2	
12/08/2022	15:25:11	ST205	Still	210761_ST205_09	00788	387 894.0	6 051 586.0	387 897.8	6 051 565.0	33.5	21.3	
12/08/2022	15:25:35	ST205	Still	210761_ST205_10	00789	387 894.0	6 051 586.0	387 899.1	6 051 573.2	33.5	13.7	
12/08/2022	15:25:42	ST205	Still	210761_ST205_11	00790	387 894.0	6 051 586.0	387 898.4	6 051 575.3	33.7	11.5	
12/08/2022	15:25:53	ST205	Still	210761_ST205_12	00791	387 894.0	6 051 586.0	387 898.8	6 051 578.4	33.7	9.0	
12/08/2022	15:26:25	ST205	Still	210761_ST205_13	00792	387 894.0	6 051 586.0	387 899.6	6 051 589.2	33.8	6.4	
12/08/2022	15:26:42	ST205	Still	210761_ST205_14	00793	387 894.0	6 051 586.0	387 898.1	6 051 594.0	33.6	9.0	
12/08/2022	15:26:49	ST205	Still	210761_ST205_15	00794	387 894.0	6 051 586.0	387 897.5	6 051 596.3	33.9	10.9	
12/08/2022	15:27:14	ST205	Still	210761_ST205_16	00795	387 894.0	6 051 586.0	387 895.6	6 051 605.0	33.6	19.1	
12/08/2022	15:27:30	ST205	Still	210761_ST205_17	00796	387 894.0	6 051 586.0	387 893.5	6 051 608.6	34.0	22.6	
12/08/2022	15:27:47	ST205	Still	210761_ST205_18	00797	387 894.0	6 051 586.0	387 893.7	6 051 611.9	33.3	25.9	
12/08/2022	15:28:10	ST205	Still	210761_ST205_19	00798	387 894.0	6 051 586.0	387 891.4	6 051 616.4	33.6	30.5	
12/08/2022	15:28:33	ST205	Still	210761_ST205_20	00799	387 894.0	6 051 586.0	387 891.6	6 051 621.5	33.7	35.6	
12/08/2022	15:28:50	ST205	Still	210761_ST205_21	00800	387 894.0	6 051 586.0	387 891.7	6 051 625.4	33.6	39.5	
12/08/2022	15:29:08	ST205	Still	210761_ST205_22	00801	387 894.0	6 051 586.0	387 892.5	6 051 628.5	33.7	42.5	
12/08/2022	15:29:20	ST205	Still	210761_ST205_23	00802	387 894.0	6 051 586.0	387 894.2	6 051 631.3	33.7	45.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	15:29:31	ST205	Video	EOL	00803	387 894.0	6 051 586.0	387 892.0	6 051 633.7	33.6	47.8	
12/08/2022	16:07:55	BT03	BT	SOL	00804	387 893.9	6 051 585.9	387 757.3	6 051 109.5	30.0	495.7	
12/08/2022	16:19:57	BT03	BT	EOL	00805	387 893.9	6 051 585.9	387 944.0	6 051 986.9	30.0	404.0	
12/08/2022	18:14:48	ST077	Video	SOL	00806	385 441.6	6 051 628.4	385 514.2	6 051 610.6	28.9	74.8	
12/08/2022	18:15:13	ST077	Still	210761_ST077_01	00807	385 441.6	6 051 628.4	385 494.5	6 051 616.6	28.4	54.2	
12/08/2022	18:15:17	ST077	Still	210761_ST077_02	00808	385 441.6	6 051 628.4	385 492.7	6 051 618.6	28.2	52.1	
12/08/2022	18:15:20	ST077	Still	210761_ST077_03	00809	385 441.6	6 051 628.4	385 490.5	6 051 618.8	28.4	49.9	
12/08/2022	18:15:31	ST077	Still	210761_ST077_04	00810	385 441.6	6 051 628.4	385 483.7	6 051 621.9	28.2	42.6	
12/08/2022	18:15:36	ST077	Still	210761_ST077_05	00811	385 441.6	6 051 628.4	385 481.0	6 051 622.4	28.0	39.9	
12/08/2022	18:15:40	ST077	Still	210761_ST077_06	00812	385 441.6	6 051 628.4	385 478.3	6 051 623.5	28.4	37.1	
12/08/2022	18:15:48	ST077	Still	210761_ST077_07	00813	385 441.6	6 051 628.4	385 475.2	6 051 624.4	27.6	33.9	
12/08/2022	18:15:54	ST077	Still	210761_ST077_08	00814	385 441.6	6 051 628.4	385 473.5	6 051 625.1	-	32.1	
12/08/2022	18:15:58	ST077	Still	210761_ST077_09	00815	385 441.6	6 051 628.4	385 469.7	6 051 626.9	28.7	28.2	
12/08/2022	18:16:02	ST077	Still	210761_ST077_10	00816	385 441.6	6 051 628.4	385 466.8	6 051 626.7	28.0	25.3	
12/08/2022	18:16:17	ST077	Still	210761_ST077_11	00817	385 441.6	6 051 628.4	385 460.8	6 051 627.3	27.7	19.3	
12/08/2022	18:16:19	ST077	Still	210761_ST077_12	00818	385 441.6	6 051 628.4	385 459.7	6 051 629.2	28.2	18.2	
12/08/2022	18:16:25	ST077	Still	210761_ST077_13	00819	385 441.6	6 051 628.4	385 458.2	6 051 628.6	28.3	16.6	
12/08/2022	18:17:03	ST077	Still	210761_ST077_14	00820	385 441.6	6 051 628.4	385 444.3	6 051 632.8	27.6	5.2	
12/08/2022	18:17:09	ST077	Still	210761_ST077_15	00821	385 441.6	6 051 628.4	385 439.5	6 051 632.9	28.3	5.0	
12/08/2022	18:17:16	ST077	Still	210761_ST077_16	00822	385 441.6	6 051 628.4	385 437.3	6 051 634.2	28.1	7.2	
12/08/2022	18:17:21	ST077	Still	210761_ST077_17	00823	385 441.6	6 051 628.4	385 435.6	6 051 635.7	28.1	9.5	
12/08/2022	18:17:44	ST077	Still	210761_ST077_18	00824	385 441.6	6 051 628.4	385 428.9	6 051 640.4	28.1	17.5	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	18:17:56	ST077	Still	210761_ST077_19	00825	385 441.6	6 051 628.4	385 422.9	6 051 641.2	28.5	22.7	
12/08/2022	18:18:13	ST077	Still	210761_ST077_20	00826	385 441.6	6 051 628.4	385 417.4	6 051 643.8	27.9	28.7	
12/08/2022	18:18:38	ST077	Still	210761_ST077_21	00827	385 441.6	6 051 628.4	385 407.3	6 051 647.6	27.9	39.3	
12/08/2022	18:18:50	ST077	Video	EOL	00828	385 441.6	6 051 628.4	385 405.0	6 051 648.0	28.1	41.5	
12/08/2022	18:25:54	ST077	HG	FA/PSDA	00829	385 441.6	6 051 628.4	385 425.8	6 051 615.0	28.1	20.6	
12/08/2022	18:52:27	ST093	Video	SOL	00830	385 863.9	6 054 512.8	385 914.5	6 054 501.8	37.4	51.8	
12/08/2022	18:52:49	ST093	Still	210761_ST093_01	00831	385 863.9	6 054 512.8	385 918.4	6 054 498.9	37.4	56.3	
12/08/2022	18:52:52	ST093	Still	210761_ST093_02	00832	385 863.9	6 054 512.8	385 916.6	6 054 502.4	37.6	53.7	
12/08/2022	18:53:01	ST093	Still	210761_ST093_03	00833	385 863.9	6 054 512.8	385 911.0	6 054 502.8	37.4	48.2	
12/08/2022	18:53:13	ST093	Still	210761_ST093_04	00834	385 863.9	6 054 512.8	385 904.9	6 054 506.9	37.1	41.4	
12/08/2022	18:53:23	ST093	Still	210761_ST093_05	00835	385 863.9	6 054 512.8	385 895.0	6 054 508.8	-	31.4	
12/08/2022	18:53:26	ST093	Still	210761_ST093_06	00836	385 863.9	6 054 512.8	385 895.4	6 054 511.2	37.0	31.6	
12/08/2022	18:53:30	ST093	Still	210761_ST093_07	00837	385 863.9	6 054 512.8	385 892.8	6 054 510.8	37.5	29.0	
12/08/2022	18:53:40	ST093	Still	210761_ST093_08	00838	385 863.9	6 054 512.8	385 886.3	6 054 512.2	37.4	22.4	
12/08/2022	18:53:48	ST093	Still	210761_ST093_09	00839	385 863.9	6 054 512.8	385 883.3	6 054 513.9	-	19.5	
12/08/2022	18:53:52	ST093	Still	210761_ST093_10	00840	385 863.9	6 054 512.8	385 878.0	6 054 514.3	38.3	14.2	
12/08/2022	18:54:01	ST093	Still	210761_ST093_11	00841	385 863.9	6 054 512.8	385 874.8	6 054 515.7	37.8	11.3	
12/08/2022	18:54:04	ST093	Still	210761_ST093_12	00842	385 863.9	6 054 512.8	385 872.2	6 054 515.2	38.1	8.7	
12/08/2022	18:54:31	ST093	Still	210761_ST093_13	00843	385 863.9	6 054 512.8	385 858.9	6 054 519.2	-	8.1	
12/08/2022	18:54:34	ST093	Still	210761_ST093_14	00844	385 863.9	6 054 512.8	385 856.3	6 054 520.0	37.4	10.5	
12/08/2022	18:54:38	ST093	Still	210761_ST093_15	00845	385 863.9	6 054 512.8	385 856.1	6 054 518.8	37.2	9.8	
12/08/2022	18:54:52	ST093	Still	210761_ST093_16	00846	385 863.9	6 054 512.8	385 850.4	6 054 521.8	37.2	16.2	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	18:54:56	ST093	Still	210761_ST093_17	00847	385 863.9	6 054 512.8	385 847.3	6 054 521.5	37.9	18.7	
12/08/2022	18:55:10	ST093	Still	210761_ST093_18	00848	385 863.9	6 054 512.8	385 840.5	6 054 518.5	38.3	24.1	
12/08/2022	18:55:27	ST093	Still	210761_ST093_19	00849	385 863.9	6 054 512.8	385 835.4	6 054 527.0	-	31.8	
12/08/2022	18:55:57	ST093	Still	210761_ST093_20	00850	385 863.9	6 054 512.8	385 824.1	6 054 524.7	37.6	41.5	
12/08/2022	18:56:10	ST093	Still	210761_ST093_21	00851	385 863.9	6 054 512.8	385 821.1	6 054 529.4	37.7	45.9	
12/08/2022	18:56:17	ST093	Video	EOL	00852	385 863.9	6 054 512.8	385 808.0	6 054 531.7	37.5	59.0	
12/08/2022	19:03:12	ST093	HG	FA/PSDA	00853	385 863.9	6 054 512.8	385 847.5	6 054 496.5	34.0	23.1	
12/08/2022	19:35:43	ST094	Video	SOL	00854	388 441.6	6 054 628.4	388 494.4	6 054 607.4	34.0	56.8	
12/08/2022	19:36:38	ST094	Still	210761_ST094_01	00855	388 441.6	6 054 628.4	388 473.7	6 054 629.3	34.7	32.2	
12/08/2022	19:36:47	ST094	Still	210761_ST094_02	00856	388 441.6	6 054 628.4	388 467.4	6 054 629.1	34.9	25.9	
12/08/2022	19:36:56	ST094	Still	210761_ST094_03	00857	388 441.6	6 054 628.4	388 460.9	6 054 629.6	35.6	19.4	
12/08/2022	19:37:04	ST094	Still	210761_ST094_04	00858	388 441.6	6 054 628.4	388 457.8	6 054 631.7	35.1	16.6	
12/08/2022	19:37:07	ST094	Still	210761_ST094_05	00859	388 441.6	6 054 628.4	388 456.2	6 054 632.3	34.8	15.2	
12/08/2022	19:37:11	ST094	Still	210761_ST094_06	00860	388 441.6	6 054 628.4	388 455.0	6 054 632.5	34.6	14.1	
12/08/2022	19:37:15	ST094	Still	210761_ST094_07	00861	388 441.6	6 054 628.4	388 451.7	6 054 633.0	35.0	11.2	
12/08/2022	19:37:25	ST094	Still	210761_ST094_08	00862	388 441.6	6 054 628.4	388 449.2	6 054 634.7	34.4	9.9	
12/08/2022	19:37:34	ST094	Still	210761_ST094_09	00863	388 441.6	6 054 628.4	388 443.7	6 054 635.8	34.6	7.7	
12/08/2022	19:37:46	ST094	Still	210761_ST094_10	00864	388 441.6	6 054 628.4	388 439.2	6 054 638.0	34.1	9.9	
12/08/2022	19:37:53	ST094	Still	210761_ST094_11	00865	388 441.6	6 054 628.4	388 436.3	6 054 638.5	34.5	11.4	
12/08/2022	19:38:00	ST094	Still	210761_ST094_12	00866	388 441.6	6 054 628.4	388 434.2	6 054 640.1	34.1	13.9	
12/08/2022	19:38:28	ST094	Still	210761_ST094_13	00867	388 441.6	6 054 628.4	388 421.4	6 054 643.8	34.3	25.4	
12/08/2022	19:38:34	ST094	Still	210761_ST094_14	00868	388 441.6	6 054 628.4	388 418.1	6 054 642.8	34.3	27.5	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	19:38:43	ST094	Still	210761_ST094_15	00869	388 441.6	6 054 628.4	388 412.3	6 054 644.6	34.2	33.5	
12/08/2022	19:39:06	ST094	Still	210761_ST094_16	00870	388 441.6	6 054 628.4	388 406.8	6 054 649.3	34.0	40.6	
12/08/2022	19:39:27	ST094	Still	210761_ST094_17	00871	388 441.6	6 054 628.4	388 393.8	6 054 653.6	34.4	54.0	
12/08/2022	19:39:32	ST094	Video	EOL	00872	388 441.6	6 054 628.4	388 392.7	6 054 651.9	34.3	54.2	
12/08/2022	19:49:06	ST094	HG	FA/PSDA	00873	388 441.6	6 054 628.4	388 454.5	6 054 637.5	34.6	15.8	
12/08/2022	20:19:35	ST106	Video	SOL	00874	388 441.6	6 057 628.4	388 481.2	6 057 592.7	36.6	53.3	
12/08/2022	20:20:23	ST106	Still	210761_ST106_01	00875	388 441.6	6 057 628.4	388 458.2	6 057 621.3	37.6	18.1	
12/08/2022	20:20:28	ST106	Still	210761_ST106_02	00876	388 441.6	6 057 628.4	388 454.9	6 057 623.4	38.0	14.2	
12/08/2022	20:20:31	ST106	Still	210761_ST106_03	00877	388 441.6	6 057 628.4	388 454.7	6 057 626.6	37.8	13.3	
12/08/2022	20:20:38	ST106	Still	210761_ST106_04	00878	388 441.6	6 057 628.4	388 451.0	6 057 633.2	38.1	10.6	
12/08/2022	20:20:43	ST106	Still	210761_ST106_05	00879	388 441.6	6 057 628.4	388 448.3	6 057 635.9	38.1	10.1	
12/08/2022	20:20:47	ST106	Still	210761_ST106_06	00880	388 441.6	6 057 628.4	388 445.9	6 057 637.1	38.1	9.8	
12/08/2022	20:20:51	ST106	Still	210761_ST106_07	00881	388 441.6	6 057 628.4	388 446.0	6 057 640.3	37.8	12.7	
12/08/2022	20:20:55	ST106	Still	210761_ST106_08	00882	388 441.6	6 057 628.4	388 442.2	6 057 641.7	38.3	13.4	
12/08/2022	20:20:59	ST106	Still	210761_ST106_09	00883	388 441.6	6 057 628.4	388 441.1	6 057 643.4	37.9	15.0	
12/08/2022	20:21:02	ST106	Still	210761_ST106_10	00884	388 441.6	6 057 628.4	388 441.7	6 057 645.1	37.5	16.7	
12/08/2022	20:21:07	ST106	Still	210761_ST106_11	00885	388 441.6	6 057 628.4	388 437.2	6 057 648.1	-	20.2	
12/08/2022	20:21:13	ST106	Still	210761_ST106_12	00886	388 441.6	6 057 628.4	388 437.4	6 057 649.6	37.4	21.6	
12/08/2022	20:21:23	ST106	Still	210761_ST106_13	00887	388 441.6	6 057 628.4	388 431.8	6 057 656.3	37.6	29.6	
12/08/2022	20:21:30	ST106	Still	210761_ST106_14	00888	388 441.6	6 057 628.4	388 428.4	6 057 664.2	37.5	38.2	
12/08/2022	20:21:34	ST106	Still	210761_ST106_15	00889	388 441.6	6 057 628.4	388 426.3	6 057 661.5	37.1	36.5	
12/08/2022	20:21:43	ST106	Still	210761_ST106_16	00890	388 441.6	6 057 628.4	388 421.0	6 057 668.3	37.7	44.9	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	20:21:48	ST106	Still	210761_ST106_17	00891	388 441.6	6 057 628.4	388 418.9	6 057 669.4	37.3	46.9	
12/08/2022	20:21:53	ST106	Video	EOL	00892	388 441.6	6 057 628.4	388 416.9	6 057 672.5	37.5	50.6	
12/08/2022	21:22:54	ST106	HG	NS1	00893	388 441.6	6 057 628.4	388 453.8	6 057 661.7	38.0	35.5	
12/08/2022	21:29:06	ST106	HG	FA/PSDA	00894	388 441.6	6 057 628.4	388 428.2	6 057 624.4	38.0	13.9	
12/08/2022	22:01:56	ST116	Video	SOL	00895	388 441.6	6 060 628.4	388 353.6	6 060 670.2	39.5	97.4	
12/08/2022	22:02:33	ST116	Still	210761_ST116_01	00896	388 441.6	6 060 628.4	388 375.6	6 060 656.0	39.5	71.5	
12/08/2022	22:02:48	ST116	Still	210761_ST116_02	00897	388 441.6	6 060 628.4	388 385.9	6 060 652.7	40.1	60.7	
12/08/2022	22:02:58	ST116	Still	210761_ST116_03	00898	388 441.6	6 060 628.4	388 392.3	6 060 653.3	39.3	55.2	
12/08/2022	22:03:13	ST116	Still	210761_ST116_04	00899	388 441.6	6 060 628.4	388 403.0	6 060 652.0	39.0	45.2	
12/08/2022	22:03:49	ST116	Still	210761_ST116_05	00900	388 441.6	6 060 628.4	388 422.0	6 060 643.9	38.9	25.0	
12/08/2022	22:04:06	ST116	Still	210761_ST116_06	00901	388 441.6	6 060 628.4	388 429.8	6 060 639.2	39.3	16.0	
12/08/2022	22:04:15	ST116	Still	210761_ST116_07	00902	388 441.6	6 060 628.4	388 433.4	6 060 638.6	38.7	13.1	
12/08/2022	22:04:25	ST116	Still	210761_ST116_08	00903	388 441.6	6 060 628.4	388 439.0	6 060 636.2	39.4	8.2	
12/08/2022	22:04:36	ST116	Still	210761_ST116_09	00904	388 441.6	6 060 628.4	388 442.7	6 060 632.2	39.0	4.0	
12/08/2022	22:04:47	ST116	Still	210761_ST116_10	00905	388 441.6	6 060 628.4	388 450.7	6 060 628.1	39.6	9.1	
12/08/2022	22:04:56	ST116	Still	210761_ST116_11	00906	388 441.6	6 060 628.4	388 454.9	6 060 627.5	39.4	13.4	
12/08/2022	22:05:02	ST116	Still	210761_ST116_12	00907	388 441.6	6 060 628.4	388 456.9	6 060 626.3	38.6	15.5	
12/08/2022	22:05:13	ST116	Still	210761_ST116_13	00908	388 441.6	6 060 628.4	388 459.6	6 060 624.7	38.3	18.4	
12/08/2022	22:05:23	ST116	Still	210761_ST116_14	00909	388 441.6	6 060 628.4	388 464.4	6 060 619.3	38.9	24.6	
12/08/2022	22:05:46	ST116	Still	210761_ST116_15	00910	388 441.6	6 060 628.4	388 479.5	6 060 613.9	39.2	40.6	
12/08/2022	22:05:57	ST116	Still	210761_ST116_16	00911	388 441.6	6 060 628.4	388 480.6	6 060 612.5	38.9	42.1	
12/08/2022	22:06:04	ST116	Still	210761_ST116_17	00912	388 441.6	6 060 628.4	388 482.2	6 060 612.1	38.7	43.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	22:06:14	ST116	Video	EOL	00913	388 441.6	6 060 628.4	388 485.4	6 060 610.7	39.2	47.3	
12/08/2022	22:12:22	ST116	HG	FA/PSDA	00914	388 441.6	6 060 628.4	388 409.0	6 060 643.2	39.0	35.8	
12/08/2022	22:43:03	ST117	Video	SOL	00915	391 441.6	6 060 628.4	391 350.4	6 060 636.5	35.2	91.5	
12/08/2022	22:43:32	ST117	Still	210761_ST117_01	00916	391 441.6	6 060 628.4	391 371.8	6 060 635.4	35.7	70.1	
12/08/2022	22:43:34	ST117	Still	210761_ST117_02	00917	391 441.6	6 060 628.4	391 372.7	6 060 636.8	-	69.4	
12/08/2022	22:43:39	ST117	Still	210761_ST117_03	00918	391 441.6	6 060 628.4	391 377.1	6 060 635.2	35.9	64.8	
12/08/2022	22:43:46	ST117	Still	210761_ST117_04	00919	391 441.6	6 060 628.4	391 382.2	6 060 636.4	35.6	59.9	
12/08/2022	22:43:55	ST117	Still	210761_ST117_05	00920	391 441.6	6 060 628.4	391 387.3	6 060 636.2	35.4	54.8	
12/08/2022	22:44:03	ST117	Still	210761_ST117_06	00921	391 441.6	6 060 628.4	391 393.5	6 060 640.5	34.8	49.6	
12/08/2022	22:44:24	ST117	Still	210761_ST117_07	00922	391 441.6	6 060 628.4	391 409.2	6 060 641.3	34.3	34.9	
12/08/2022	22:44:30	ST117	Still	210761_ST117_08	00923	391 441.6	6 060 628.4	391 410.4	6 060 642.8	-	34.3	
12/08/2022	22:44:33	ST117	Still	210761_ST117_09	00924	391 441.6	6 060 628.4	391 413.6	6 060 641.2	35.0	30.8	
12/08/2022	22:44:45	ST117	Still	210761_ST117_10	00925	391 441.6	6 060 628.4	391 418.9	6 060 641.2	35.1	26.0	
12/08/2022	22:45:14	ST117	Still	210761_ST117_11	00926	391 441.6	6 060 628.4	391 431.7	6 060 637.3	35.3	13.3	
12/08/2022	22:45:19	ST117	Still	210761_ST117_12	00927	391 441.6	6 060 628.4	391 431.8	6 060 636.8	35.4	12.9	
12/08/2022	22:45:41	ST117	Still	210761_ST117_13	00928	391 441.6	6 060 628.4	391 439.6	6 060 629.6	36.2	2.3	
12/08/2022	22:46:07	ST117	Still	210761_ST117_14	00929	391 441.6	6 060 628.4	391 447.8	6 060 623.4	35.9	8.0	
12/08/2022	22:46:17	ST117	Still	210761_ST117_15	00930	391 441.6	6 060 628.4	391 449.8	6 060 624.7	35.5	9.0	
12/08/2022	22:46:34	ST117	Still	210761_ST117_16	00931	391 441.6	6 060 628.4	391 454.7	6 060 620.3	34.7	15.4	
12/08/2022	22:46:46	ST117	Still	210761_ST117_17	00932	391 441.6	6 060 628.4	391 456.0	6 060 620.9	34.8	16.3	
12/08/2022	22:46:56	ST117	Still	210761_ST117_18	00933	391 441.6	6 060 628.4	391 460.3	6 060 618.5	34.7	21.2	
12/08/2022	22:47:14	ST117	Still	210761_ST117_19	00934	391 441.6	6 060 628.4	391 463.6	6 060 611.8	35.1	27.6	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	22:47:57	ST117	Still	210761_ST117_20	00935	391 441.6	6 060 628.4	391 473.2	6 060 605.0	35.4	39.3	
12/08/2022	22:48:17	ST117	Still	210761_ST117_21	00936	391 441.6	6 060 628.4	391 475.5	6 060 601.9	35.4	43.0	
12/08/2022	22:48:29	ST117	Video	EOL	00937	391 441.6	6 060 628.4	391 475.8	6 060 601.7	35.3	43.4	
12/08/2022	22:59:20	ST117	HG	FA/PSDA	00938	391 441.6	6 060 628.4	391 418.5	6 060 634.7	35.0	23.9	
12/08/2022	23:33:04	ST124	Video	SOL	00939	391 441.6	6 063 628.4	391 364.1	6 063 637.5	37.1	78.0	
12/08/2022	23:33:16	ST124	Still	210761_ST124_01	00940	391 441.6	6 063 628.4	391 368.7	6 063 637.2	36.7	73.4	
12/08/2022	23:33:23	ST124	Still	210761_ST124_02	00941	391 441.6	6 063 628.4	391 372.5	6 063 638.7	36.7	69.8	
12/08/2022	23:33:29	ST124	Still	210761_ST124_03	00942	391 441.6	6 063 628.4	391 375.7	6 063 640.0	36.9	66.9	
12/08/2022	23:33:37	ST124	Still	210761_ST124_04	00943	391 441.6	6 063 628.4	391 379.6	6 063 639.5	37.4	63.0	
12/08/2022	23:33:49	ST124	Still	210761_ST124_05	00944	391 441.6	6 063 628.4	391 386.2	6 063 639.3	37.2	56.4	
12/08/2022	23:33:56	ST124	Still	210761_ST124_06	00945	391 441.6	6 063 628.4	391 386.9	6 063 634.5	36.4	55.0	
12/08/2022	23:34:22	ST124	Still	210761_ST124_07	00946	391 441.6	6 063 628.4	391 403.9	6 063 639.6	36.8	39.3	
12/08/2022	23:34:26	ST124	Still	210761_ST124_08	00947	391 441.6	6 063 628.4	391 405.8	6 063 641.5	36.6	38.1	
12/08/2022	23:34:33	ST124	Still	210761_ST124_09	00948	391 441.6	6 063 628.4	391 408.2	6 063 641.2	36.3	35.7	
12/08/2022	23:34:46	ST124	Still	210761_ST124_10	00949	391 441.6	6 063 628.4	391 424.6	6 063 639.7	36.4	20.4	
12/08/2022	23:35:06	ST124	Still	210761_ST124_11	00950	391 441.6	6 063 628.4	391 429.4	6 063 635.0	36.7	13.9	
12/08/2022	23:35:22	ST124	Still	210761_ST124_12	00951	391 441.6	6 063 628.4	391 434.2	6 063 626.8	36.7	7.5	
12/08/2022	23:35:43	ST124	Still	210761_ST124_13	00952	391 441.6	6 063 628.4	391 441.8	6 063 599.0	37.4	29.4	
12/08/2022	23:36:32	ST124	Still	210761_ST124_14	00953	391 441.6	6 063 628.4	391 441.1	6 063 600.4	36.4	28.0	
12/08/2022	23:36:35	ST124	Still	210761_ST124_15	00954	391 441.6	6 063 628.4	391 455.8	6 063 578.3	37.7	52.0	
12/08/2022	23:37:13	ST124	Still	210761_ST124_16	00955	391 441.6	6 063 628.4	391 457.7	6 063 575.2	37.3	55.6	
12/08/2022	23:37:21	ST124	Still	210761_ST124_17	00956	391 441.6	6 063 628.4	391 462.9	6 063 570.5	37.6	61.7	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
12/08/2022	23:37:33	ST124	Still	EOL	00958	391 441.6	6 063 628.4	391 477.2	6 063 563.8	37.4	73.7	
12/08/2022	23:37:57	ST124	Video	FA/PSDA	00938	391 441.6	6 060 628.4	391 418.5	6 060 634.7	35.0	23.9	
12/08/2022	23:49:05	ST124	HG	FA/PSDA	00959	391 441.6	6 063 628.4	391 426.9	6 063 626.8	36.3	14.7	
13/08/2022	00:21:57	ST128	Video	SOL	00960	391 441.6	6 066 628.4	391 363.5	6 066 621.9	30.1	78.4	
13/08/2022	00:22:06	ST128	Still	210761_ST128_01	00961	391 441.6	6 066 628.4	391 371.0	6 066 621.6	30.6	70.9	
13/08/2022	00:22:16	ST128	Still	210761_ST128_02	00962	391 441.6	6 066 628.4	391 377.3	6 066 625.1	30.8	64.3	
13/08/2022	00:22:24	ST128	Still	210761_ST128_03	00963	391 441.6	6 066 628.4	391 383.3	6 066 626.5	30.4	58.3	
13/08/2022	00:22:41	ST128	Still	210761_ST128_04	00964	391 441.6	6 066 628.4	391 394.0	6 066 629.5	30.0	47.6	
13/08/2022	00:22:49	ST128	Still	210761_ST128_05	00965	391 441.6	6 066 628.4	391 400.0	6 066 631.7	30.4	41.7	
13/08/2022	00:23:32	ST128	Still	210761_ST128_06	00966	391 441.6	6 066 628.4	391 426.2	6 066 633.9	30.4	16.4	
13/08/2022	00:23:46	ST128	Still	210761_ST128_07	00967	391 441.6	6 066 628.4	391 436.2	6 066 628.3	31.1	5.4	
13/08/2022	00:24:03	ST128	Still	210761_ST128_08	00968	391 441.6	6 066 628.4	391 443.4	6 066 621.0	30.6	7.6	
13/08/2022	00:24:18	ST128	Still	210761_ST128_09	00969	391 441.6	6 066 628.4	391 450.3	6 066 617.6	30.9	13.9	
13/08/2022	00:24:31	ST128	Still	210761_ST128_10	00970	391 441.6	6 066 628.4	391 453.6	6 066 610.0	31.2	21.9	
13/08/2022	00:24:46	ST128	Still	210761_ST128_11	00971	391 441.6	6 066 628.4	391 461.6	6 066 607.9	30.7	28.7	
13/08/2022	00:25:14	ST128	Still	210761_ST128_12	00972	391 441.6	6 066 628.4	391 470.8	6 066 596.2	30.6	43.5	
13/08/2022	00:25:35	ST128	Still	210761_ST128_13	00973	391 441.6	6 066 628.4	391 477.9	6 066 584.0	30.8	57.3	
13/08/2022	00:25:53	ST128	Still	210761_ST128_14	00974	391 441.6	6 066 628.4	391 487.1	6 066 584.9	30.9	63.0	
13/08/2022	00:25:58	ST128	Video	EOL	00975	391 441.6	6 066 628.4	391 486.9	6 066 581.2	30.8	65.4	
13/08/2022	00:36:11	ST128	HG	FA/PSDA	00976	391 441.6	6 066 628.4	391 444.7	6 066 648.8	30.1	20.6	
13/08/2022	01:19:23	ST129	Video	SOL	00977	394 441.6	6 066 628.4	394 365.6	6 066 628.8	32.2	76.0	
13/08/2022	01:19:54	ST129	Still	210761_ST129_01	00978	394 441.6	6 066 628.4	394 392.1	6 066 622.5	33.3	49.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	01:20:09	ST129	Still	210761_ST129_02	00979	394 441.6	6 066 628.4	394 402.5	6 066 622.9	32.8	39.4	
13/08/2022	01:20:12	ST129	Still	210761_ST129_03	00980	394 441.6	6 066 628.4	394 405.0	6 066 621.5	32.8	37.2	
13/08/2022	01:20:19	ST129	Still	210761_ST129_04	00981	394 441.6	6 066 628.4	394 409.6	6 066 622.3	32.5	32.6	
13/08/2022	01:20:24	ST129	Still	210761_ST129_05	00982	394 441.6	6 066 628.4	394 414.0	6 066 621.7	32.8	28.4	
13/08/2022	01:20:40	ST129	Still	210761_ST129_06	00983	394 441.6	6 066 628.4	394 426.1	6 066 622.2	33.1	16.7	
13/08/2022	01:21:23	ST129	Still	210761_ST129_07	00984	394 441.6	6 066 628.4	394 453.3	6 066 627.2	32.8	11.8	
13/08/2022	01:21:36	ST129	Still	210761_ST129_08	00985	394 441.6	6 066 628.4	394 461.1	6 066 630.2	32.5	19.6	
13/08/2022	01:21:44	ST129	Still	210761_ST129_09	00986	394 441.6	6 066 628.4	394 465.3	6 066 634.2	33.2	24.4	
13/08/2022	01:22:00	ST129	Still	210761_ST129_10	00987	394 441.6	6 066 628.4	394 474.6	6 066 637.0	32.8	34.1	
13/08/2022	01:22:15	ST129	Still	210761_ST129_11	00988	394 441.6	6 066 628.4	394 480.8	6 066 634.6	32.1	39.7	
13/08/2022	01:22:19	ST129	Still	210761_ST129_12	00989	394 441.6	6 066 628.4	394 482.7	6 066 637.6	32.2	42.2	
13/08/2022	01:22:45	ST129	Still	210761_ST129_13	00990	394 441.6	6 066 628.4	394 493.0	6 066 639.9	32.5	52.7	
13/08/2022	01:23:16	ST129	Video	EOL	00991	394 441.6	6 066 628.4	394 507.0	6 066 645.3	32.7	67.6	
13/08/2022	01:29:54	ST129	HG	FA/PSDA	00992	394 441.6	6 066 628.4	394 425.6	6 066 622.0	32.3	17.2	
13/08/2022	02:02:42	ST125	Video	SOL	00993	394 441.6	6 063 628.4	394 371.5	6 063 627.0	35.9	70.1	
13/08/2022	02:02:52	ST125	Still	210761_ST125_01	00994	394 441.6	6 063 628.4	394 376.6	6 063 623.9	35.5	65.1	
13/08/2022	02:03:13	ST125	Still	210761_ST125_02	00995	394 441.6	6 063 628.4	394 393.1	6 063 622.6	35.4	48.8	
13/08/2022	02:03:20	ST125	Still	210761_ST125_03	00996	394 441.6	6 063 628.4	394 398.7	6 063 622.2	35.5	43.3	
13/08/2022	02:03:56	ST125	Still	210761_ST125_04	00997	394 441.6	6 063 628.4	394 426.5	6 063 624.0	36.1	15.7	
13/08/2022	02:04:01	ST125	Still	210761_ST125_05	00998	394 441.6	6 063 628.4	394 426.5	6 063 624.4	35.2	15.5	
13/08/2022	02:04:23	ST125	Still	210761_ST125_06	00999	394 441.6	6 063 628.4	394 444.0	6 063 627.0	36.0	2.8	
13/08/2022	02:04:50	ST125	Still	210761_ST125_07	01000	394 441.6	6 063 628.4	394 465.6	6 063 625.7	35.9	24.2	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	02:04:57	ST125	Still	210761_ST125_08	01001	394 441.6	6 063 628.4	394 468.9	6 063 624.2	35.7	27.7	
13/08/2022	02:05:19	ST125	Still	210761_ST125_09	01002	394 441.6	6 063 628.4	394 486.1	6 063 626.8	36.1	44.5	
13/08/2022	02:05:38	ST125	Still	210761_ST125_10	01003	394 441.6	6 063 628.4	394 494.8	6 063 627.8	36.1	53.2	
13/08/2022	02:06:30	ST125	Video	EOL	01004	394 441.6	6 063 628.4	394 514.8	6 063 627.6	36.2	73.3	
13/08/2022	02:13:33	ST125	HG	NS	01005	394 441.6	6 063 628.4	394 439.3	6 063 634.0	35.0	6.1	
13/08/2022	02:18:59	ST125	HG	NS	01006	394 441.6	6 063 628.4	394 440.8	6 063 646.1	34.9	17.7	
13/08/2022	02:25:16	ST125	HG	NS	01007	394 441.6	6 063 628.4	394 454.7	6 063 590.5	35.1	40.1	
13/08/2022	02:33:38	ST125	HG	FA/PSDA	01008	394 441.6	6 063 628.4	394 476.8	6 063 620.7	36.7	36.0	
13/08/2022	02:50:59	ST125	DG	NS	01009	394 441.6	6 063 628.4	394 440.3	6 063 619.8	36.1	8.7	
13/08/2022	02:57:59	ST125	DG	CA	01010	394 441.6	6 063 628.4	394 487.3	6 063 610.4	36.8	49.1	
13/08/2022	03:56:10	ST204	Video	SOL	01011	393 142.9	6 062 371.8	393 121.0	6 062 317.2	37.1	58.9	
13/08/2022	03:56:14	ST204	Still	210761_ST204_01	01012	393 142.9	6 062 371.8	393 124.5	6 062 318.9	-	56.0	
13/08/2022	03:56:16	ST204	Still	210761_ST204_02	01013	393 142.9	6 062 371.8	393 124.1	6 062 320.5	37.9	54.7	
13/08/2022	03:56:21	ST204	Still	210761_ST204_03	01014	393 142.9	6 062 371.8	393 126.6	6 062 322.8	-	51.7	
13/08/2022	03:56:41	ST204	Still	210761_ST204_04	01015	393 142.9	6 062 371.8	393 136.2	6 062 331.9	36.8	40.5	
13/08/2022	03:56:48	ST204	Still	210761_ST204_05	01016	393 142.9	6 062 371.8	393 143.1	6 062 338.5	36.9	33.3	
13/08/2022	03:56:52	ST204	Still	210761_ST204_06	01017	393 142.9	6 062 371.8	393 144.5	6 062 341.6	37.5	30.3	
13/08/2022	03:57:12	ST204	Still	210761_ST204_07	01018	393 142.9	6 062 371.8	393 155.7	6 062 353.6	37.8	22.3	
13/08/2022	03:57:20	ST204	Still	210761_ST204_08	01019	393 142.9	6 062 371.8	393 158.9	6 062 355.9	37.3	22.6	
13/08/2022	03:57:43	ST204	Still	210761_ST204_09	01020	393 142.9	6 062 371.8	393 173.0	6 062 368.6	37.4	30.3	
13/08/2022	03:58:05	ST204	Still	210761_ST204_10	01021	393 142.9	6 062 371.8	393 184.4	6 062 377.9	-	42.0	
13/08/2022	03:58:22	ST204	Still	210761_ST204_11	01022	393 142.9	6 062 371.8	393 192.4	6 062 390.1	37.1	52.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	03:58:26	ST204	Still	210761_ST204_12	01023	393 142.9	6 062 371.8	393 195.1	6 062 388.6	35.8	54.8	
13/08/2022	03:58:33	ST204	Still	210761_ST204_13	01024	393 142.9	6 062 371.8	393 197.7	6 062 388.9	35.7	57.4	
13/08/2022	03:58:45	ST204	Video	EOL	01025	393 142.9	6 062 371.8	393 202.2	6 062 393.6	35.9	63.1	
13/08/2022	04:18:07	BT01	BT	SOL	01026	393 143.1	6 062 372.0	393 376.7	6 062 091.0	23.0	365.3	
13/08/2022	04:31:37	BT01	BT	EOL	01027	393 143.1	6 062 372.0	392 884.0	6 062 737.2	36.0	447.8	
13/08/2022	06:37:31	ST118	Video	SOL	01028	394 441.6	6 060 628.4	394 466.7	6 060 579.8	46.3	54.7	
13/08/2022	06:38:05	ST118	Still	210761_ST118_01	01029	394 441.6	6 060 628.4	394 454.6	6 060 600.5	47.1	30.7	
13/08/2022	06:38:13	ST118	Still	210761_ST118_02	01030	394 441.6	6 060 628.4	394 453.0	6 060 603.3	47.1	27.5	
13/08/2022	06:38:40	ST118	Still	210761_ST118_03	01031	394 441.6	6 060 628.4	394 447.8	6 060 615.6	47.0	14.2	
13/08/2022	06:38:48	ST118	Still	210761_ST118_04	01032	394 441.6	6 060 628.4	394 445.8	6 060 619.2	46.8	10.1	
13/08/2022	06:39:02	ST118	Still	210761_ST118_05	01033	394 441.6	6 060 628.4	394 442.6	6 060 626.6	46.7	2.0	
13/08/2022	06:39:31	ST118	Still	210761_ST118_06	01034	394 441.6	6 060 628.4	394 437.4	6 060 638.0	46.6	10.5	
13/08/2022	06:39:59	ST118	Still	210761_ST118_07	01035	394 441.6	6 060 628.4	394 434.7	6 060 648.3	46.4	21.1	
13/08/2022	06:40:07	ST118	Still	210761_ST118_08	01036	394 441.6	6 060 628.4	394 434.0	6 060 651.3	46.2	24.1	
13/08/2022	06:40:24	ST118	Still	210761_ST118_09	01037	394 441.6	6 060 628.4	394 430.9	6 060 657.3	46.3	30.8	
13/08/2022	06:40:31	ST118	Still	210761_ST118_10	01038	394 441.6	6 060 628.4	394 429.5	6 060 660.1	46.4	33.9	
13/08/2022	06:41:00	ST118	Still	210761_ST118_11	01039	394 441.6	6 060 628.4	394 426.7	6 060 669.5	46.4	43.8	
13/08/2022	06:41:39	ST118	Still	210761_ST118_12	01040	394 441.6	6 060 628.4	394 423.8	6 060 682.2	46.3	56.7	
13/08/2022	06:41:51	ST118	Still	210761_ST118_13	01041	394 441.6	6 060 628.4	394 423.0	6 060 685.4	46.2	60.0	
13/08/2022	06:42:03	ST118	Still	210761_ST118_14	01042	394 441.6	6 060 628.4	394 422.5	6 060 688.1	46.4	62.7	
13/08/2022	06:42:18	ST118	Video	EOL	01043	394 441.6	6 060 628.4	394 422.0	6 060 690.5	46.3	65.2	
13/08/2022	06:50:41	ST118	HG	FA/PSDA	01044	394 441.6	6 060 628.4	394 465.8	6 060 622.2	33.1	25.0	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	07:16:59	ST108	Video	SOL	01045	394 441.6	6 057 628.4	394 444.0	6 057 564.6	36.8	63.8	
13/08/2022	07:17:13	ST108	Still	210761_ST108_01	01046	394 441.6	6 057 628.4	394 445.1	6 057 573.9	37.0	54.6	
13/08/2022	07:17:17	ST108	Still	210761_ST108_02	01047	394 441.6	6 057 628.4	394 445.5	6 057 574.8	36.9	53.7	
13/08/2022	07:17:28	ST108	Still	210761_ST108_03	01048	394 441.6	6 057 628.4	394 447.0	6 057 579.1	37.2	49.6	
13/08/2022	07:17:44	ST108	Still	210761_ST108_04	01049	394 441.6	6 057 628.4	394 450.1	6 057 586.3	36.7	42.9	
13/08/2022	07:17:52	ST108	Still	210761_ST108_05	01050	394 441.6	6 057 628.4	394 451.6	6 057 590.0	36.9	39.6	
13/08/2022	07:18:04	ST108	Still	210761_ST108_06	01051	394 441.6	6 057 628.4	394 452.8	6 057 598.0	37.3	32.4	
13/08/2022	07:18:38	ST108	Still	210761_ST108_07	01052	394 441.6	6 057 628.4	394 456.0	6 057 615.1	36.7	19.6	
13/08/2022	07:18:46	ST108	Still	210761_ST108_08	01053	394 441.6	6 057 628.4	394 456.5	6 057 621.3	37.1	16.5	
13/08/2022	07:19:00	ST108	Still	210761_ST108_09	01054	394 441.6	6 057 628.4	394 454.8	6 057 629.3	36.8	13.3	
13/08/2022	07:19:23	ST108	Still	210761_ST108_10	01055	394 441.6	6 057 628.4	394 452.5	6 057 643.0	37.3	18.3	
13/08/2022	07:19:44	ST108	Still	210761_ST108_11	01056	394 441.6	6 057 628.4	394 451.6	6 057 648.9	36.7	22.9	
13/08/2022	07:20:02	ST108	Still	210761_ST108_12	01057	394 441.6	6 057 628.4	394 450.6	6 057 660.7	37.6	33.6	
13/08/2022	07:20:18	ST108	Still	210761_ST108_13	01058	394 441.6	6 057 628.4	394 451.2	6 057 668.8	37.7	41.6	
13/08/2022	07:20:45	ST108	Still	210761_ST108_14	01059	394 441.6	6 057 628.4	394 452.4	6 057 684.7	36.9	57.3	
13/08/2022	07:21:01	ST108	Video	EOL	01060	394 441.6	6 057 628.4	394 448.1	6 057 691.8	37.3	63.7	
13/08/2022	07:28:30	ST108	HG	FA/PSDA	01061	394 441.6	6 057 628.4	394 462.9	6 057 605.2	36.7	31.5	
13/08/2022	07:51:46	ST107	Video	SOL	01062	391 441.6	6 057 628.4	391 442.0	6 057 573.3	36.1	55.1	
13/08/2022	07:52:01	ST107	Still	210761_ST107_01	01063	391 441.6	6 057 628.4	391 442.2	6 057 583.8	36.2	44.6	
13/08/2022	07:52:10	ST107	Still	210761_ST107_02	01064	391 441.6	6 057 628.4	391 442.8	6 057 589.1	36.7	39.3	
13/08/2022	07:52:22	ST107	Still	210761_ST107_03	01065	391 441.6	6 057 628.4	391 442.9	6 057 595.1	36.7	33.3	
13/08/2022	07:52:44	ST107	Still	210761_ST107_04	01066	391 441.6	6 057 628.4	391 440.8	6 057 606.6	37.1	21.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	07:53:02	ST107	Still	210761_ST107_05	01067	391 441.6	6 057 628.4	391 444.5	6 057 612.2	36.7	16.4	
13/08/2022	07:53:19	ST107	Still	210761_ST107_06	01068	391 441.6	6 057 628.4	391 446.3	6 057 619.8	36.5	9.8	
13/08/2022	07:53:36	ST107	Still	210761_ST107_07	01069	391 441.6	6 057 628.4	391 448.6	6 057 625.9	36.5	7.4	
13/08/2022	07:53:52	ST107	Still	210761_ST107_08	01070	391 441.6	6 057 628.4	391 446.8	6 057 630.6	36.0	5.7	
13/08/2022	07:54:50	ST107	Still	210761_ST107_09	01071	391 441.6	6 057 628.4	391 442.9	6 057 656.8	36.2	28.5	
13/08/2022	07:55:21	ST107	Still	210761_ST107_10	01072	391 441.6	6 057 628.4	391 440.8	6 057 665.7	36.5	37.4	
13/08/2022	07:55:47	ST107	Still	210761_ST107_11	01073	391 441.6	6 057 628.4	391 437.9	6 057 679.9	36.7	51.6	
13/08/2022	07:56:04	ST107	Video	EOL	01074	391 441.6	6 057 628.4	391 435.1	6 057 684.9	36.2	56.9	
13/08/2022	08:03:08	ST107	HG	FA/PSDA	01075	391 441.6	6 057 628.4	391 434.7	6 057 611.9	37.0	17.9	
13/08/2022	08:18:55	ST107	DG	NS	01076	391 441.6	6 057 628.4	391 424.8	6 057 603.9	35.5	29.7	
13/08/2022	08:25:34	ST107	DG	CA	01077	391 441.6	6 057 628.4	391 428.7	6 057 616.7	35.8	17.4	
13/08/2022	08:48:38	ST095	Video	SOL	01078	391 441.6	6 054 628.4	391 448.8	6 054 704.6	34.6	76.6	
13/08/2022	08:48:45	ST095	Still	210761_ST095_01	01079	391 441.6	6 054 628.4	391 447.9	6 054 701.9	35.0	73.8	
13/08/2022	08:50:08	ST095	Still	210761_ST095_02	01080	391 441.6	6 054 628.4	391 434.7	6 054 661.6	34.4	33.9	
13/08/2022	08:50:21	ST095	Still	210761_ST095_03	01081	391 441.6	6 054 628.4	391 432.5	6 054 654.1	34.9	27.3	
13/08/2022	08:50:31	ST095	Still	210761_ST095_04	01082	391 441.6	6 054 628.4	391 428.9	6 054 649.5	35.3	24.6	
13/08/2022	08:50:35	ST095	Still	210761_ST095_05	01083	391 441.6	6 054 628.4	391 430.3	6 054 649.5	35.0	23.9	
13/08/2022	08:50:47	ST095	Still	210761_ST095_06	01084	391 441.6	6 054 628.4	391 427.5	6 054 641.8	35.1	19.5	
13/08/2022	08:50:54	ST095	Still	210761_ST095_07	01085	391 441.6	6 054 628.4	391 426.5	6 054 639.4	34.9	18.7	
13/08/2022	08:51:18	ST095	Still	210761_ST095_08	01086	391 441.6	6 054 628.4	391 424.9	6 054 628.6	34.6	16.7	
13/08/2022	08:51:50	ST095	Still	210761_ST095_09	01087	391 441.6	6 054 628.4	391 420.3	6 054 611.4	35.1	27.2	
13/08/2022	08:51:57	ST095	Still	210761_ST095_10	01088	391 441.6	6 054 628.4	391 417.8	6 054 607.7	35.6	31.6	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	08:52:12	ST095	Still	210761_ST095_11	01089	391 441.6	6 054 628.4	391 415.9	6 054 602.1	34.8	36.7	
13/08/2022	08:52:32	ST095	Still	210761_ST095_12	01090	391 441.6	6 054 628.4	391 410.4	6 054 592.7	35.1	47.4	
13/08/2022	08:52:39	ST095	Video	EOL	01091	391 441.6	6 054 628.4	391 409.8	6 054 589.8	34.4	50.0	
13/08/2022	09:00:03	ST095	HG	FA/PSDA	01092	391 441.6	6 054 628.4	391 427.1	6 054 625.5	34.0	14.7	
13/08/2022	09:29:41	ST096	Video	SOL	01093	394 441.6	6 054 628.4	394 412.0	6 054 590.2	34.0	48.3	
13/08/2022	09:29:55	ST096	Still	210761_ST096_01	01094	394 441.6	6 054 628.4	394 415.0	6 054 599.7	34.1	39.1	
13/08/2022	09:30:26	ST096	Still	210761_ST096_02	01095	394 441.6	6 054 628.4	394 426.9	6 054 614.6	34.6	20.1	
13/08/2022	09:30:38	ST096	Still	210761_ST096_03	01096	394 441.6	6 054 628.4	394 433.1	6 054 618.9	34.6	12.7	
13/08/2022	09:30:49	ST096	Still	210761_ST096_04	01097	394 441.6	6 054 628.4	394 437.3	6 054 624.6	34.6	5.7	
13/08/2022	09:30:56	ST096	Still	210761_ST096_05	01098	394 441.6	6 054 628.4	394 440.5	6 054 626.2	34.5	2.4	
13/08/2022	09:31:04	ST096	Still	210761_ST096_06	01099	394 441.6	6 054 628.4	394 445.6	6 054 628.8	35.0	4.1	
13/08/2022	09:31:23	ST096	Still	210761_ST096_07	01100	394 441.6	6 054 628.4	394 452.5	6 054 633.1	34.8	11.9	
13/08/2022	09:32:02	ST096	Still	210761_ST096_08	01101	394 441.6	6 054 628.4	394 468.0	6 054 646.7	34.8	32.1	
13/08/2022	09:32:19	ST096	Still	210761_ST096_09	01102	394 441.6	6 054 628.4	394 472.5	6 054 649.2	34.3	37.3	
13/08/2022	09:32:38	ST096	Still	210761_ST096_10	01103	394 441.6	6 054 628.4	394 475.1	6 054 662.1	34.5	47.6	
13/08/2022	09:33:07	ST096	Video	EOL	01104	394 441.6	6 054 628.4	394 481.0	6 054 673.4	34.2	59.9	
13/08/2022	09:39:45	ST096	HG	FA/PSDA	01105	394 441.6	6 054 628.4	394 401.4	6 054 642.9	34.0	42.8	
13/08/2022	10:06:18	ST203	Video	SOL	01106	394 587.3	6 055 716.5	394 537.0	6 055 674.5	34.3	65.6	
13/08/2022	10:06:37	ST203	Still	210761_ST203_01	01107	394 587.3	6 055 716.5	394 552.0	6 055 681.0	35.0	50.1	
13/08/2022	10:07:06	ST203	Still	210761_ST203_02	01108	394 587.3	6 055 716.5	394 563.6	6 055 691.7	34.1	34.3	
13/08/2022	10:07:14	ST203	Still	210761_ST203_03	01109	394 587.3	6 055 716.5	394 566.3	6 055 695.3	33.9	29.9	
13/08/2022	10:07:53	ST203	Still	210761_ST203_04	01110	394 587.3	6 055 716.5	394 582.5	6 055 712.6	34.2	6.2	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	10:08:13	ST203	Still	210761_ST203_05	01111	394 587.3	6 055 716.5	394 592.8	6 055 720.5	34.0	6.8	
13/08/2022	10:08:33	ST203	Still	210761_ST203_06	01112	394 587.3	6 055 716.5	394 600.0	6 055 724.4	34.1	14.9	
13/08/2022	10:08:45	ST203	Still	210761_ST203_07	01113	394 587.3	6 055 716.5	394 605.6	6 055 727.7	34.2	21.4	
13/08/2022	10:09:08	ST203	Still	210761_ST203_08	01114	394 587.3	6 055 716.5	394 613.9	6 055 732.9	34.5	31.2	
13/08/2022	10:09:29	ST203	Still	210761_ST203_09	01115	394 587.3	6 055 716.5	394 623.0	6 055 740.1	34.3	42.7	
13/08/2022	10:10:01	ST203	Video	EOL	01116	394 587.3	6 055 716.5	394 635.0	6 055 749.4	34.0	57.9	
13/08/2022	10:32:50	BT02	BT	SOL	01117	394 587.3	6 055 716.5	394 384.4	6 056 091.9	43.7	426.8	
13/08/2022	10:46:21	BT02	BT	EOL	01118	394 587.3	6 055 716.5	394 792.5	6 055 369.0	43.6	403.6	
13/08/2022	12:20:48	ST080	Video	SOL	01119	394 441.6	6 051 628.4	394 391.2	6 051 670.5	30.3	65.6	
13/08/2022	12:21:24	ST080	Still	210761_ST080_01	01120	394 441.6	6 051 628.4	394 402.0	6 051 654.5	30.4	47.4	
13/08/2022	12:21:35	ST080	Still	210761_ST080_02	01121	394 441.6	6 051 628.4	394 403.9	6 051 651.2	30.0	44.1	
13/08/2022	12:21:42	ST080	Still	210761_ST080_03	01122	394 441.6	6 051 628.4	394 406.1	6 051 648.6	30.7	40.9	
13/08/2022	12:21:51	ST080	Still	210761_ST080_04	01123	394 441.6	6 051 628.4	394 410.2	6 051 647.0	30.8	36.4	
13/08/2022	12:21:59	ST080	Still	210761_ST080_05	01124	394 441.6	6 051 628.4	394 413.6	6 051 645.8	31.0	33.0	
13/08/2022	12:22:07	ST080	Still	210761_ST080_06	01125	394 441.6	6 051 628.4	394 414.8	6 051 642.2	31.3	30.2	
13/08/2022	12:22:22	ST080	Still	210761_ST080_07	01126	394 441.6	6 051 628.4	394 419.0	6 051 637.3	30.5	24.3	
13/08/2022	12:22:39	ST080	Still	210761_ST080_08	01127	394 441.6	6 051 628.4	394 424.3	6 051 635.8	30.2	18.8	
13/08/2022	12:22:43	ST080	Still	210761_ST080_09	01128	394 441.6	6 051 628.4	394 425.3	6 051 635.5	30.4	17.7	
13/08/2022	12:23:14	ST080	Still	210761_ST080_10	01129	394 441.6	6 051 628.4	394 431.0	6 051 626.5	30.5	10.7	
13/08/2022	12:23:28	ST080	Still	210761_ST080_11	01130	394 441.6	6 051 628.4	394 433.5	6 051 620.3	31.4	11.4	
13/08/2022	12:23:45	ST080	Still	210761_ST080_12	01131	394 441.6	6 051 628.4	394 437.5	6 051 613.0	31.3	15.9	
13/08/2022	12:24:16	ST080	Still	210761_ST080_13	01132	394 441.6	6 051 628.4	394 448.1	6 051 605.8	31.2	23.5	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	12:24:32	ST080	Still	210761_ST080_14	01133	394 441.6	6 051 628.4	394 455.2	6 051 602.5	31.3	29.3	
13/08/2022	12:24:48	ST080	Still	210761_ST080_15	01134	394 441.6	6 051 628.4	394 458.8	6 051 599.0	30.8	34.0	
13/08/2022	12:24:58	ST080	Still	210761_ST080_16	01135	394 441.6	6 051 628.4	394 463.5	6 051 598.1	30.8	37.4	
13/08/2022	12:25:12	ST080	Video	EOL	01136	394 441.6	6 051 628.4	394 469.3	6 051 595.4	30.9	43.1	
13/08/2022	12:32:02	ST080	HG	NS	01137	394 441.6	6 051 628.4	394 441.5	6 051 622.4	30.9	6.0	
13/08/2022	12:35:54	ST080	HG	FA/PSDA	01138	394 441.6	6 051 628.4	394 421.9	6 051 630.0	29.2	19.8	
13/08/2022	13:02:25	ST081	Video	SOL	01139	397 093.3	6 051 665.4	397 038.1	6 051 727.6	31.9	83.1	
13/08/2022	13:03:04	ST081	Still	210761_ST081_01	01140	397 093.3	6 051 665.4	397 045.9	6 051 713.9	33.3	67.7	
13/08/2022	13:03:13	ST081	Still	210761_ST081_02	01141	397 093.3	6 051 665.4	397 046.4	6 051 713.7	32.6	67.3	
13/08/2022	13:03:20	ST081	Still	210761_ST081_03	01142	397 093.3	6 051 665.4	397 047.0	6 051 712.7	32.6	66.2	
13/08/2022	13:03:48	ST081	Still	210761_ST081_04	01143	397 093.3	6 051 665.4	397 055.1	6 051 703.3	32.5	53.8	
13/08/2022	13:04:13	ST081	Still	210761_ST081_05	01144	397 093.3	6 051 665.4	397 061.7	6 051 693.5	33.3	42.3	
13/08/2022	13:04:34	ST081	Still	210761_ST081_06	01145	397 093.3	6 051 665.4	397 066.3	6 051 686.5	32.7	34.3	
13/08/2022	13:04:46	ST081	Still	210761_ST081_07	01146	397 093.3	6 051 665.4	397 070.1	6 051 681.7	33.5	28.3	
13/08/2022	13:04:57	ST081	Still	210761_ST081_08	01147	397 093.3	6 051 665.4	397 073.7	6 051 679.0	32.7	23.8	
13/08/2022	13:05:05	ST081	Still	210761_ST081_09	01148	397 093.3	6 051 665.4	397 075.0	6 051 677.8	32.6	22.1	
13/08/2022	13:05:28	ST081	Still	210761_ST081_10	01149	397 093.3	6 051 665.4	397 082.2	6 051 673.0	32.3	13.4	
13/08/2022	13:05:35	ST081	Still	210761_ST081_11	01150	397 093.3	6 051 665.4	397 083.4	6 051 671.9	32.2	11.8	
13/08/2022	13:05:53	ST081	Still	210761_ST081_12	01151	397 093.3	6 051 665.4	397 091.0	6 051 668.8	33.3	4.1	
13/08/2022	13:05:59	ST081	Still	210761_ST081_13	01152	397 093.3	6 051 665.4	397 088.1	6 051 664.5	32.8	5.3	
13/08/2022	13:06:14	ST081	Still	210761_ST081_14	01153	397 093.3	6 051 665.4	397 090.4	6 051 658.6	32.6	7.4	
13/08/2022	13:06:40	ST081	Still	210761_ST081_15	01154	397 093.3	6 051 665.4	397 095.2	6 051 649.2	32.1	16.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	13:06:45	ST081	Still	210761_ST081_16	01155	397 093.3	6 051 665.4	397 097.2	6 051 646.5	32.7	19.3	
13/08/2022	13:07:03	ST081	Still	210761_ST081_17	01156	397 093.3	6 051 665.4	397 097.4	6 051 642.2	-	23.6	
13/08/2022	13:07:21	ST081	Still	210761_ST081_18	01157	397 093.3	6 051 665.4	397 100.5	6 051 636.0	31.9	30.3	
13/08/2022	13:07:34	ST081	Still	210761_ST081_19	01158	397 093.3	6 051 665.4	397 103.3	6 051 631.8	32.9	35.1	
13/08/2022	13:07:56	ST081	Still	210761_ST081_20	01159	397 093.3	6 051 665.4	397 107.4	6 051 623.5	32.9	44.2	
13/08/2022	13:08:06	ST081	Video	EOL	01160	397 093.3	6 051 665.4	397 107.4	6 051 621.0	32.1	46.6	
13/08/2022	13:13:34	ST081	HG	NS	01161	397 093.3	6 051 665.4	397 098.6	6 051 638.5	30.7	27.5	
13/08/2022	13:18:20	ST081	HG	FA/PSDA	01162	397 093.3	6 051 665.4	397 088.8	6 051 667.9	31.8	5.2	
13/08/2022	13:43:51	ST062	Video	SOL	01163	394 441.6	6 048 628.4	394 413.7	6 048 687.1	30.2	65.0	
13/08/2022	13:44:16	ST062	Still	210761_ST062_01	01164	394 441.6	6 048 628.4	394 417.2	6 048 671.0	30.5	49.1	
13/08/2022	13:44:20	ST062	Still	210761_ST062_02	01165	394 441.6	6 048 628.4	394 418.1	6 048 669.1	30.4	47.0	
13/08/2022	13:44:23	ST062	Still	210761_ST062_03	01166	394 441.6	6 048 628.4	394 417.9	6 048 670.4	29.5	48.3	
13/08/2022	13:44:31	ST062	Still	210761_ST062_04	01167	394 441.6	6 048 628.4	394 418.7	6 048 663.6	29.9	42.0	
13/08/2022	13:44:34	ST062	Still	210761_ST062_05	01168	394 441.6	6 048 628.4	394 418.4	6 048 660.5	30.6	39.7	
13/08/2022	13:44:41	ST062	Still	210761_ST062_06	01169	394 441.6	6 048 628.4	394 419.3	6 048 656.7	30.2	36.0	
13/08/2022	13:44:44	ST062	Still	210761_ST062_07	01170	394 441.6	6 048 628.4	394 419.9	6 048 655.6	30.3	34.8	
13/08/2022	13:44:48	ST062	Still	210761_ST062_08	01171	394 441.6	6 048 628.4	394 420.0	6 048 654.7	30.7	34.1	
13/08/2022	13:45:13	ST062	Still	210761_ST062_09	01172	394 441.6	6 048 628.4	394 423.0	6 048 641.6	29.5	22.8	
13/08/2022	13:45:28	ST062	Still	210761_ST062_10	01173	394 441.6	6 048 628.4	394 423.0	6 048 636.7	29.4	20.4	
13/08/2022	13:45:41	ST062	Still	210761_ST062_11	01174	394 441.6	6 048 628.4	394 423.0	6 048 634.3	29.5	19.5	
13/08/2022	13:46:09	ST062	Still	210761_ST062_12	01175	394 441.6	6 048 628.4	394 422.8	6 048 624.1	29.9	19.2	
13/08/2022	13:46:17	ST062	Still	210761_ST062_13	01176	394 441.6	6 048 628.4	394 422.9	6 048 623.0	30.3	19.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	13:46:51	ST062	Still	210761_ST062_14	01177	394 441.6	6 048 628.4	394 422.5	6 048 610.3	29.6	26.2	
13/08/2022	13:47:27	ST062	Still	210761_ST062_15	01178	394 441.6	6 048 628.4	394 417.2	6 048 595.0	29.4	41.3	
13/08/2022	13:48:02	ST062	Video	EOL	01179	394 441.6	6 048 628.4	394 417.0	6 048 576.3	29.6	57.6	
13/08/2022	13:54:16	ST062	HG	FA/PSDA	01180	394 441.6	6 048 628.4	394 445.2	6 048 610.8	32.6	18.0	
13/08/2022	14:23:25	ST130	Video	SOL	01181	394 326.8	6 047 339.1	394 264.7	6 047 312.9	29.0	67.4	
13/08/2022	14:23:54	ST130	Still	210761_ST130_01	01182	394 326.8	6 047 339.1	394 283.7	6 047 313.5	29.6	50.1	
13/08/2022	14:24:04	ST130	Still	210761_ST130_02	01183	394 326.8	6 047 339.1	394 287.9	6 047 318.4	30.1	44.1	
13/08/2022	14:24:14	ST130	Still	210761_ST130_03	01184	394 326.8	6 047 339.1	394 291.7	6 047 320.8	29.7	39.6	
13/08/2022	14:24:27	ST130	Still	210761_ST130_04	01185	394 326.8	6 047 339.1	394 297.3	6 047 322.1	29.8	34.0	
13/08/2022	14:24:35	ST130	Still	210761_ST130_05	01186	394 326.8	6 047 339.1	394 302.9	6 047 325.6	30.1	27.4	
13/08/2022	14:24:43	ST130	Still	210761_ST130_06	01187	394 326.8	6 047 339.1	394 307.0	6 047 323.7	29.8	25.1	
13/08/2022	14:24:57	ST130	Still	210761_ST130_07	01188	394 326.8	6 047 339.1	394 313.2	6 047 324.4	29.4	20.0	
13/08/2022	14:25:06	ST130	Still	210761_ST130_08	01189	394 326.8	6 047 339.1	394 317.0	6 047 324.6	29.2	17.5	
13/08/2022	14:25:10	ST130	Still	210761_ST130_09	01190	394 326.8	6 047 339.1	394 318.1	6 047 326.7	29.5	15.1	
13/08/2022	14:25:28	ST130	Still	210761_ST130_10	01191	394 326.8	6 047 339.1	394 323.9	6 047 328.7	29.6	10.8	
13/08/2022	14:25:40	ST130	Still	210761_ST130_11	01192	394 326.8	6 047 339.1	394 329.6	6 047 328.6	29.5	10.8	
13/08/2022	14:25:59	ST130	Still	210761_ST130_12	01193	394 326.8	6 047 339.1	394 337.7	6 047 329.4	29.4	14.6	
13/08/2022	14:27:15	ST130	Still	210761_ST130_13	01194	394 326.8	6 047 339.1	394 369.4	6 047 346.0	29.4	43.2	
13/08/2022	14:27:29	ST130	Video	EOL	01195	394 326.8	6 047 339.1	394 375.1	6 047 350.1	29.0	49.5	
13/08/2022	14:32:49	ST130	HG	FA/PSDA	01196	394 326.8	6 047 339.1	394 322.6	6 047 333.0	30.3	7.4	
13/08/2022	14:57:19	ST202	Video	SOL	01197	395 167.0	6 047 537.6	395 108.6	6 047 537.6	30.5	58.3	
13/08/2022	14:58:18	ST202	Still	210761_ST202_01	01198	395 167.0	6 047 537.6	395 129.6	6 047 523.0	31.7	40.2	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	14:58:21	ST202	Still	210761_ST202_02	01199	395 167.0	6 047 537.6	395 130.8	6 047 523.6	31.8	38.8	
13/08/2022	14:58:25	ST202	Still	210761_ST202_03	01200	395 167.0	6 047 537.6	395 132.2	6 047 523.1	31.6	37.7	
13/08/2022	14:58:30	ST202	Still	210761_ST202_04	01201	395 167.0	6 047 537.6	395 134.1	6 047 521.3	31.8	36.7	
13/08/2022	14:58:43	ST202	Still	210761_ST202_05	01202	395 167.0	6 047 537.6	395 140.7	6 047 520.2	31.7	31.5	
13/08/2022	14:58:46	ST202	Still	210761_ST202_06	01203	395 167.0	6 047 537.6	395 143.0	6 047 519.5	31.9	30.1	
13/08/2022	14:58:51	ST202	Still	210761_ST202_07	01204	395 167.0	6 047 537.6	395 144.1	6 047 519.6	31.6	29.1	
13/08/2022	14:59:36	ST202	Still	210761_ST202_08	01205	395 167.0	6 047 537.6	395 166.2	6 047 528.5	31.7	9.1	
13/08/2022	14:59:59	ST202	Still	210761_ST202_09	01206	395 167.0	6 047 537.6	395 177.9	6 047 530.8	31.9	12.8	
13/08/2022	15:00:03	ST202	Still	210761_ST202_10	01207	395 167.0	6 047 537.6	395 177.6	6 047 532.9	32.4	11.6	
13/08/2022	15:00:14	ST202	Still	210761_ST202_11	01208	395 167.0	6 047 537.6	395 184.7	6 047 535.4	32.0	17.8	
13/08/2022	15:00:18	ST202	Still	210761_ST202_12	01209	395 167.0	6 047 537.6	395 186.9	6 047 534.2	31.5	20.3	
13/08/2022	15:00:22	ST202	Still	210761_ST202_13	01210	395 167.0	6 047 537.6	395 188.1	6 047 536.9	31.6	21.1	
13/08/2022	15:00:25	ST202	Still	210761_ST202_14	01211	395 167.0	6 047 537.6	395 190.9	6 047 535.2	31.6	24.1	
13/08/2022	15:00:35	ST202	Still	210761_ST202_15	01212	395 167.0	6 047 537.6	395 195.6	6 047 538.0	31.6	28.6	
13/08/2022	15:00:41	ST202	Still	210761_ST202_16	01213	395 167.0	6 047 537.6	395 196.5	6 047 539.0	31.6	29.6	
13/08/2022	15:00:48	ST202	Still	210761_ST202_17	01214	395 167.0	6 047 537.6	395 199.1	6 047 538.9	32.1	32.2	
13/08/2022	15:00:52	ST202	Still	210761_ST202_18	01215	395 167.0	6 047 537.6	395 204.4	6 047 542.7	31.6	37.8	
13/08/2022	15:01:01	ST202	Still	210761_ST202_19	01216	395 167.0	6 047 537.6	395 206.0	6 047 545.8	32.5	39.8	
13/08/2022	15:01:05	ST202	Still	210761_ST202_20	01217	395 167.0	6 047 537.6	395 208.1	6 047 542.1	32.0	41.3	
13/08/2022	15:01:12	ST202	Still	210761_ST202_21	01218	395 167.0	6 047 537.6	395 212.6	6 047 544.3	32.3	46.1	
13/08/2022	15:01:26	ST202	Video	EOL	01219	395 167.0	6 047 537.6	395 218.4	6 047 545.7	31.7	52.1	
13/08/2022	15:31:39	BT15	BT	SOL	01220	395 167.1	6 047 537.4	394 968.8	6 047 844.0	28.0	365.1	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	15:40:09	BT15	BT	EOL	01221	395 167.1	6 047 537.4	395 474.5	6 047 171.9	28.0	477.5	
13/08/2022	17:28:33	ST063	Video	SOL	01222	396 891.3	6 048 624.1	396 921.9	6 048 551.1	30.9	79.2	
13/08/2022	17:29:55	ST063	Still	210761_ST063_01	01223	396 891.3	6 048 624.1	396 919.8	6 048 595.3	32.5	40.5	
13/08/2022	17:30:01	ST063	Still	210761_ST063_02	01224	396 891.3	6 048 624.1	396 917.8	6 048 596.9	32.5	38.0	
13/08/2022	17:30:05	ST063	Still	210761_ST063_03	01225	396 891.3	6 048 624.1	396 916.6	6 048 599.8	32.8	35.1	
13/08/2022	17:30:14	ST063	Still	210761_ST063_04	01226	396 891.3	6 048 624.1	396 914.0	6 048 605.7	-	29.2	
13/08/2022	17:30:23	ST063	Still	210761_ST063_05	01227	396 891.3	6 048 624.1	396 913.7	6 048 609.3	32.0	26.8	
13/08/2022	17:30:27	ST063	Still	210761_ST063_06	01228	396 891.3	6 048 624.1	396 913.3	6 048 611.4	32.0	25.4	
13/08/2022	17:30:31	ST063	Still	210761_ST063_07	01229	396 891.3	6 048 624.1	396 912.0	6 048 613.6	33.0	23.2	
13/08/2022	17:30:37	ST063	Still	210761_ST063_08	01230	396 891.3	6 048 624.1	396 910.3	6 048 616.5	32.4	20.5	
13/08/2022	17:30:41	ST063	Still	210761_ST063_09	01231	396 891.3	6 048 624.1	396 909.4	6 048 619.4	32.3	18.7	
13/08/2022	17:30:50	ST063	Still	210761_ST063_10	01232	396 891.3	6 048 624.1	396 907.1	6 048 623.4	31.9	15.8	
13/08/2022	17:31:15	ST063	Still	210761_ST063_11	01233	396 891.3	6 048 624.1	396 901.1	6 048 641.3	32.5	19.8	
13/08/2022	17:31:19	ST063	Still	210761_ST063_12	01234	396 891.3	6 048 624.1	396 899.6	6 048 642.4	32.1	20.1	
13/08/2022	17:31:30	ST063	Still	210761_ST063_13	01235	396 891.3	6 048 624.1	396 895.5	6 048 651.2	-	27.4	
13/08/2022	17:31:41	ST063	Still	210761_ST063_14	01236	396 891.3	6 048 624.1	396 895.7	6 048 653.7	32.2	29.9	
13/08/2022	17:31:50	ST063	Still	210761_ST063_15	01237	396 891.3	6 048 624.1	396 891.9	6 048 658.4	32.9	34.3	
13/08/2022	17:31:58	ST063	Still	210761_ST063_16	01238	396 891.3	6 048 624.1	396 890.6	6 048 661.1	32.1	37.0	
13/08/2022	17:32:04	ST063	Still	210761_ST063_17	01239	396 891.3	6 048 624.1	396 891.2	6 048 665.7	32.1	41.6	
13/08/2022	17:32:32	ST063	Video	EOL	01240	396 891.3	6 048 624.1	396 889.9	6 048 672.0	33.0	47.9	
13/08/2022	17:43:17	ST063	DG	NS	01241	396 891.3	6 048 624.1	396 886.1	6 048 587.7	29.0	36.8	
13/08/2022	17:48:47	ST063	DG	CA	01242	396 891.3	6 048 624.1	396 896.9	6 048 600.2	29.0	24.6	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	17:54:58	ST063	HG	FA/PSDA	01243	396 891.3	6 048 624.1	396 920.9	6 048 592.5	29.0	43.3	
13/08/2022	18:39:57	ST097	Video	SOL	01244	397 441.6	6 054 628.4	397 483.4	6 054 592.6	33.7	55.0	
13/08/2022	18:40:47	ST097	Still	210761_ST097_01	01245	397 441.6	6 054 628.4	397 469.2	6 054 617.9	34.1	29.6	
13/08/2022	18:41:10	ST097	Still	210761_ST097_02	01246	397 441.6	6 054 628.4	397 458.5	6 054 629.4	35.0	17.0	
13/08/2022	18:41:31	ST097	Still	210761_ST097_03	01247	397 441.6	6 054 628.4	397 446.8	6 054 639.4	35.5	12.2	
13/08/2022	18:41:37	ST097	Still	210761_ST097_04	01248	397 441.6	6 054 628.4	397 446.3	6 054 641.4	34.6	13.9	
13/08/2022	18:41:41	ST097	Still	210761_ST097_05	01249	397 441.6	6 054 628.4	397 442.3	6 054 640.7	35.3	12.4	
13/08/2022	18:41:46	ST097	Still	210761_ST097_06	01250	397 441.6	6 054 628.4	397 443.1	6 054 641.7	-	13.4	
13/08/2022	18:41:50	ST097	Still	210761_ST097_07	01251	397 441.6	6 054 628.4	397 439.5	6 054 647.6	-	19.3	
13/08/2022	18:41:55	ST097	Still	210761_ST097_08	01252	397 441.6	6 054 628.4	397 435.1	6 054 647.2	35.0	19.9	
13/08/2022	18:41:59	ST097	Still	210761_ST097_09	01253	397 441.6	6 054 628.4	397 433.1	6 054 648.6	35.4	21.9	
13/08/2022	18:42:13	ST097	Still	210761_ST097_10	01254	397 441.6	6 054 628.4	397 424.7	6 054 650.5	-	27.8	
13/08/2022	18:42:17	ST097	Still	210761_ST097_11	01255	397 441.6	6 054 628.4	397 423.8	6 054 654.0	-	31.2	
13/08/2022	18:42:25	ST097	Still	210761_ST097_12	01256	397 441.6	6 054 628.4	397 423.9	6 054 654.7	34.7	31.7	
13/08/2022	18:42:33	ST097	Still	210761_ST097_13	01257	397 441.6	6 054 628.4	397 418.2	6 054 656.5	35.1	36.6	
13/08/2022	18:42:38	ST097	Still	210761_ST097_14	01258	397 441.6	6 054 628.4	397 416.9	6 054 658.8	-	39.2	
13/08/2022	18:42:46	ST097	Still	210761_ST097_15	01259	397 441.6	6 054 628.4	397 413.5	6 054 660.9	35.3	43.0	
13/08/2022	18:43:06	ST097	Still	210761_ST097_16	01260	397 441.6	6 054 628.4	397 403.1	6 054 667.9	35.0	55.2	
13/08/2022	18:43:10	ST097	Video	EOL	01261	397 441.6	6 054 628.4	397 402.9	6 054 669.4	34.7	56.4	
13/08/2022	18:51:13	ST097	HG	NS	01262	397 441.6	6 054 628.4	397 434.8	6 054 613.5	31.0	16.3	
13/08/2022	18:56:43	ST097	HG	NS	01263	397 441.6	6 054 628.4	397 472.5	6 054 601.0	31.0	41.3	
13/08/2022	19:01:37	ST097	HG	NS	01264	397 441.6	6 054 628.4	397 448.1	6 054 631.3	31.0	7.1	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	19:09:54	ST097	HG	NS	01266	397 441.6	6 054 628.4	397 308.3	6 054 620.7	31.0	133.4	
13/08/2022	19:35:42	ST109	Video	SOL	01267	397 441.6	6 057 628.4	397 485.4	6 057 610.5	36.0	47.3	
13/08/2022	19:36:13	ST109	Still	210761_ST109_01	01268	397 441.6	6 057 628.4	397 487.0	6 057 611.2	36.1	48.6	
13/08/2022	19:36:40	ST109	Still	210761_ST109_02	01269	397 441.6	6 057 628.4	397 489.7	6 057 616.2	36.4	49.7	
13/08/2022	19:37:21	ST109	Still	210761_ST109_03	01270	397 441.6	6 057 628.4	397 477.7	6 057 630.3	36.9	36.2	
13/08/2022	19:37:41	ST109	Still	210761_ST109_04	01271	397 441.6	6 057 628.4	397 462.7	6 057 629.4	36.8	21.2	
13/08/2022	19:38:00	ST109	Still	210761_ST109_05	01272	397 441.6	6 057 628.4	397 451.5	6 057 625.1	-	10.5	
13/08/2022	19:38:04	ST109	Still	210761_ST109_06	01273	397 441.6	6 057 628.4	397 446.5	6 057 623.4	37.5	7.0	
13/08/2022	19:38:31	ST109	Still	210761_ST109_07	01274	397 441.6	6 057 628.4	397 425.3	6 057 620.2	37.3	18.2	
13/08/2022	19:38:48	ST109	Still	210761_ST109_08	01275	397 441.6	6 057 628.4	397 412.2	6 057 619.9	36.9	30.6	
13/08/2022	19:39:12	ST109	Still	210761_ST109_09	01276	397 441.6	6 057 628.4	397 393.4	6 057 615.4	37.4	49.9	
13/08/2022	19:39:17	ST109	Still	210761_ST109_10	01277	397 441.6	6 057 628.4	397 389.4	6 057 616.7	37.8	53.4	
13/08/2022	19:39:21	ST109	Still	210761_ST109_11	01278	397 441.6	6 057 628.4	397 388.8	6 057 616.1	36.7	54.2	
13/08/2022	19:39:25	ST109	Video	EOL	01279	397 441.6	6 057 628.4	397 383.1	6 057 616.1	38.2	59.7	
13/08/2022	19:48:22	ST109	HG	FA/PSDA	01280	397 441.6	6 057 628.4	397 463.0	6 057 628.5	33.0	21.5	
13/08/2022	20:17:47	ST119	Video	SOL	01281	397 441.6	6 060 628.4	397 474.7	6 060 577.1	36.0	61.0	
13/08/2022	20:18:39	ST119	Still	210761_ST119_01	01282	397 441.6	6 060 628.4	397 462.6	6 060 620.3	37.0	22.5	
13/08/2022	20:18:54	ST119	Still	210761_ST119_02	01283	397 441.6	6 060 628.4	397 457.0	6 060 632.4	36.5	16.0	
13/08/2022	20:18:58	ST119	Still	210761_ST119_03	01284	397 441.6	6 060 628.4	397 455.9	6 060 633.0	36.6	15.1	
13/08/2022	20:19:03	ST119	Still	210761_ST119_04	01285	397 441.6	6 060 628.4	397 455.0	6 060 638.1	36.5	16.6	
13/08/2022	20:19:18	ST119	Still	210761_ST119_05	01286	397 441.6	6 060 628.4	397 447.1	6 060 650.3	35.7	22.6	
13/08/2022	20:19:24	ST119	Still	210761_ST119_06	01287	397 441.6	6 060 628.4	397 443.9	6 060 653.6	36.0	25.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	20:19:26	ST119	Still	210761_ST119_07	01288	397 441.6	6 060 628.4	397 443.2	6 060 654.7	36.2	26.4	
13/08/2022	20:19:31	ST119	Still	210761_ST119_08	01289	397 441.6	6 060 628.4	397 441.7	6 060 656.5	36.1	28.1	
13/08/2022	20:19:34	ST119	Still	210761_ST119_09	01290	397 441.6	6 060 628.4	397 440.2	6 060 659.5	36.5	31.2	
13/08/2022	20:19:44	ST119	Still	210761_ST119_10	01291	397 441.6	6 060 628.4	397 435.1	6 060 666.8	35.9	39.0	
13/08/2022	20:19:57	ST119	Still	210761_ST119_11	01292	397 441.6	6 060 628.4	397 429.6	6 060 674.5	36.2	47.7	
13/08/2022	20:20:02	ST119	Still	210761_ST119_12	01293	397 441.6	6 060 628.4	397 427.9	6 060 675.8	35.8	49.4	
13/08/2022	20:20:05	ST119	Still	210761_ST119_13	01294	397 441.6	6 060 628.4	397 427.2	6 060 677.0	35.9	50.7	
13/08/2022	20:20:17	ST119	Still	210761_ST119_01	01295	397 441.6	6 060 628.4	397 421.2	6 060 678.9	36.1	54.5	
13/08/2022	20:20:21	ST119	Video	EOL	01296	397 441.6	6 060 628.4	397 423.1	6 060 682.1	35.8	56.8	
13/08/2022	20:30:01	ST119	HG	NS	01297	397 441.6	6 060 628.4	397 463.0	6 060 627.8	33.0	21.5	
13/08/2022	20:34:47	ST119	HG	NS	01298	397 441.6	6 060 628.4	397 460.0	6 060 645.5	33.0	25.2	
13/08/2022	20:39:36	ST119	HG	FA/PSDA	01299	397 441.6	6 060 628.4	397 459.1	6 060 646.6	33.0	25.3	
13/08/2022	21:05:29	ST126	Video	SOL	01300	397 441.6	6 063 628.4	397 467.6	6 063 588.1	32.8	47.9	
13/08/2022	21:05:53	ST126	Still	210761_ST126_01	01301	397 441.6	6 063 628.4	397 468.1	6 063 605.7	33.3	34.9	
13/08/2022	21:06:15	ST126	Still	210761_ST126_02	01302	397 441.6	6 063 628.4	397 464.5	6 063 622.5	33.5	23.7	
13/08/2022	21:06:42	ST126	Still	210761_ST126_03	01303	397 441.6	6 063 628.4	397 452.4	6 063 641.4	33.5	17.0	
13/08/2022	21:06:47	ST126	Still	210761_ST126_04	01304	397 441.6	6 063 628.4	397 448.7	6 063 641.4	33.7	14.9	
13/08/2022	21:06:51	ST126	Still	210761_ST126_05	01305	397 441.6	6 063 628.4	397 446.3	6 063 645.2	33.8	17.5	
13/08/2022	21:06:55	ST126	Still	210761_ST126_06	01306	397 441.6	6 063 628.4	397 445.3	6 063 644.8	33.1	16.9	
13/08/2022	21:06:59	ST126	Still	210761_ST126_07	01307	397 441.6	6 063 628.4	397 440.5	6 063 648.3	34.2	20.0	
13/08/2022	21:07:03	ST126	Still	210761_ST126_08	01308	397 441.6	6 063 628.4	397 443.1	6 063 650.3	32.9	22.0	
13/08/2022	21:07:07	ST126	Still	210761_ST126_09	01309	397 441.6	6 063 628.4	397 437.1	6 063 651.7	34.2	23.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	21:07:11	ST126	Still	210761_ST126_10	01310	397 441.6	6 063 628.4	397 436.1	6 063 654.8	33.8	27.0	
13/08/2022	21:07:17	ST126	Still	210761_ST126_11	01311	397 441.6	6 063 628.4	397 433.4	6 063 658.9	33.8	31.6	
13/08/2022	21:07:20	ST126	Still	210761_ST126_12	01312	397 441.6	6 063 628.4	397 432.1	6 063 657.9	33.1	31.0	
13/08/2022	21:07:24	ST126	Still	210761_ST126_13	01313	397 441.6	6 063 628.4	397 430.3	6 063 662.6	33.9	36.0	
13/08/2022	21:07:27	ST126	Still	210761_ST126_14	01314	397 441.6	6 063 628.4	397 428.0	6 063 663.7	33.4	37.9	
13/08/2022	21:07:32	ST126	Still	210761_ST126_15	01315	397 441.6	6 063 628.4	397 426.8	6 063 666.9	33.8	41.3	
13/08/2022	21:07:36	ST126	Still	210761_ST126_16	01316	397 441.6	6 063 628.4	397 424.0	6 063 670.6	34.3	45.7	
13/08/2022	21:07:40	ST126	Still	210761_ST126_17	01317	397 441.6	6 063 628.4	397 424.1	6 063 670.1	33.5	45.2	
13/08/2022	21:07:42	ST126	Still	210761_ST126_18	01318	397 441.6	6 063 628.4	397 420.6	6 063 673.3	34.2	49.6	
13/08/2022	21:07:45	ST126	Still	210761_ST126_19	01319	397 441.6	6 063 628.4	397 421.0	6 063 675.3	34.1	51.2	
13/08/2022	21:07:49	ST126	Still	210761_ST126_20	01320	397 441.6	6 063 628.4	397 419.8	6 063 675.6	33.7	52.0	
13/08/2022	21:07:55	ST126	Still	210761_ST126_21	01321	397 441.6	6 063 628.4	397 418.6	6 063 678.6	33.3	55.2	
13/08/2022	21:08:02	ST126	Video	EOL	01322	397 441.6	6 063 628.4	397 414.6	6 063 681.2	33.1	59.3	
13/08/2022	21:16:06	ST126	HG	FA/PSDA	01323	397 441.6	6 063 628.4	397 452.3	6 063 635.3	30.0	12.8	
13/08/2022	21:39:49	ST127	HG	FA/PSDA	01324	400 441.6	6 063 628.4	400 422.0	6 063 640.2	22.0	22.9	
13/08/2022	22:08:36	ST120	Video	SOL	01325	400 441.6	6 060 628.4	400 364.6	6 060 653.8	31.2	81.1	
13/08/2022	22:09:01	ST120	Still	210761_ST120_01	01326	400 441.6	6 060 628.4	400 380.3	6 060 641.0	31.5	62.6	
13/08/2022	22:09:08	ST120	Still	210761_ST120_02	01327	400 441.6	6 060 628.4	400 383.6	6 060 637.9	31.9	58.7	
13/08/2022	22:09:12	ST120	Still	210761_ST120_03	01328	400 441.6	6 060 628.4	400 387.9	6 060 635.7	32.3	54.2	
13/08/2022	22:09:15	ST120	Still	210761_ST120_04	01329	400 441.6	6 060 628.4	400 387.2	6 060 638.9	31.5	55.4	
13/08/2022	22:09:23	ST120	Still	210761_ST120_05	01330	400 441.6	6 060 628.4	400 393.3	6 060 636.3	32.1	48.9	
13/08/2022	22:09:28	ST120	Still	210761_ST120_06	01331	400 441.6	6 060 628.4	400 398.3	6 060 635.8	32.0	43.9	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	22:09:40	ST120	Still	210761_ST120_07	01332	400 441.6	6 060 628.4	400 405.1	6 060 633.2	30.8	36.8	
13/08/2022	22:09:58	ST120	Still	210761_ST120_08	01333	400 441.6	6 060 628.4	400 422.9	6 060 638.2	31.4	21.1	
13/08/2022	22:10:07	ST120	Still	210761_ST120_09	01334	400 441.6	6 060 628.4	400 430.9	6 060 640.5	31.5	16.2	
13/08/2022	22:10:17	ST120	Still	210761_ST120_10	01335	400 441.6	6 060 628.4	400 438.6	6 060 642.1	31.0	14.1	
13/08/2022	22:10:21	ST120	Still	210761_ST120_11	01336	400 441.6	6 060 628.4	400 441.5	6 060 640.6	30.8	12.2	
13/08/2022	22:10:33	ST120	Still	210761_ST120_12	01337	400 441.6	6 060 628.4	400 449.5	6 060 642.0	31.1	15.8	
13/08/2022	22:10:51	ST120	Still	210761_ST120_13	01338	400 441.6	6 060 628.4	400 466.6	6 060 645.5	31.0	30.3	
13/08/2022	22:10:57	ST120	Still	210761_ST120_14	01339	400 441.6	6 060 628.4	400 468.8	6 060 644.5	31.1	31.7	
13/08/2022	22:11:10	ST120	Still	210761_ST120_15	01340	400 441.6	6 060 628.4	400 478.6	6 060 648.3	30.9	42.1	
13/08/2022	22:11:21	ST120	Still	210761_ST120_16	01341	400 441.6	6 060 628.4	400 488.2	6 060 647.2	31.0	50.3	
13/08/2022	22:11:29	ST120	Still	210761_ST120_17	01342	400 441.6	6 060 628.4	400 495.0	6 060 648.7	31.3	57.2	
13/08/2022	22:11:33	ST120	Still	210761_ST120_18	01343	400 441.6	6 060 628.4	400 496.5	6 060 649.4	30.6	58.8	
13/08/2022	22:11:39	ST120	Video	EOL	01344	400 441.6	6 060 628.4	400 500.0	6 060 649.5	31.2	62.1	
13/08/2022	22:20:22	ST120	HG	FA/PSDA	01345	400 441.6	6 060 628.4	400 426.6	6 060 631.0	28.0	15.2	
13/08/2022	22:52:21	ST110	Video	SOL	01346	400 441.6	6 057 628.4	400 387.6	6 057 680.1	25.3	74.8	
13/08/2022	22:53:18	ST110	Still	210761_ST110_01	01347	400 441.6	6 057 628.4	400 418.6	6 057 643.4	26.5	27.4	
13/08/2022	22:53:29	ST110	Still	210761_ST110_02	01348	400 441.6	6 057 628.4	400 422.6	6 057 637.0	26.4	20.8	
13/08/2022	22:53:31	ST110	Still	210761_ST110_03	01349	400 441.6	6 057 628.4	400 425.0	6 057 637.7	25.9	19.0	
13/08/2022	22:53:38	ST110	Still	210761_ST110_04	01350	400 441.6	6 057 628.4	400 439.5	6 057 621.3	-	7.4	
13/08/2022	22:53:42	ST110	Still	210761_ST110_05	01351	400 441.6	6 057 628.4	400 427.0	6 057 633.7	-	15.5	
13/08/2022	22:53:45	ST110	Still	210761_ST110_06	01352	400 441.6	6 057 628.4	400 432.6	6 057 630.1	26.3	9.1	
13/08/2022	22:53:50	ST110	Still	210761_ST110_07	01353	400 441.6	6 057 628.4	400 434.4	6 057 626.6	26.3	7.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	22:53:57	ST110	Still	210761_ST110_08	01354	400 441.6	6 057 628.4	400 440.2	6 057 624.8	26.5	3.8	
13/08/2022	22:54:04	ST110	Still	210761_ST110_09	01355	400 441.6	6 057 628.4	400 443.0	6 057 618.8	26.6	9.7	
13/08/2022	22:54:24	ST110	Still	210761_ST110_10	01356	400 441.6	6 057 628.4	400 455.4	6 057 610.6	26.2	22.5	
13/08/2022	22:54:27	ST110	Still	210761_ST110_11	01357	400 441.6	6 057 628.4	400 456.9	6 057 609.9	26.6	24.0	
13/08/2022	22:54:29	ST110	Still	210761_ST110_12	01358	400 441.6	6 057 628.4	400 458.1	6 057 610.4	26.6	24.4	
13/08/2022	22:54:37	ST110	Still	210761_ST110_13	01359	400 441.6	6 057 628.4	400 460.9	6 057 608.6	26.7	27.6	
13/08/2022	22:54:40	ST110	Still	210761_ST110_14	01360	400 441.6	6 057 628.4	400 462.4	6 057 611.0	26.1	27.1	
13/08/2022	22:54:50	ST110	Still	210761_ST110_15	01361	400 441.6	6 057 628.4	400 466.6	6 057 606.4	26.3	33.3	
13/08/2022	22:55:26	ST110	Still	210761_ST110_16	01362	400 441.6	6 057 628.4	400 485.0	6 057 600.8	26.1	51.4	
13/08/2022	22:55:38	ST110	Video	EOL	01363	400 441.6	6 057 628.4	400 488.1	6 057 597.4	26.3	55.9	
13/08/2022	23:02:17	ST110	HG	FA/PSDA	01364	400 441.6	6 057 628.4	400 430.0	6 057 642.7	22.0	18.5	
13/08/2022	23:38:11	ST098	Video	SOL	01365	400 963.7	6 054 540.2	400 904.9	6 054 591.4	45.4	77.9	
13/08/2022	23:39:04	ST098	Still	210761_ST098_01	01366	400 963.7	6 054 540.2	400 929.4	6 054 566.0	44.3	42.9	
13/08/2022	23:39:33	ST098	Still	210761_ST098_02	01367	400 963.7	6 054 540.2	400 949.0	6 054 556.3	44.3	21.7	
13/08/2022	23:39:40	ST098	Still	210761_ST098_03	01368	400 963.7	6 054 540.2	400 953.5	6 054 553.8	44.4	17.0	
13/08/2022	23:39:54	ST098	Still	210761_ST098_04	01369	400 963.7	6 054 540.2	400 961.8	6 054 550.5	44.3	10.4	
13/08/2022	23:40:17	ST098	Still	210761_ST098_05	01370	400 963.7	6 054 540.2	400 980.4	6 054 542.6	44.5	16.9	
13/08/2022	23:40:42	ST098	Still	210761_ST098_06	01371	400 963.7	6 054 540.2	400 998.0	6 054 535.3	44.5	34.7	
13/08/2022	23:40:51	ST098	Still	210761_ST098_07	01372	400 963.7	6 054 540.2	401 003.4	6 054 532.9	44.6	40.4	
13/08/2022	23:41:18	ST098	Still	210761_ST098_08	01373	400 963.7	6 054 540.2	401 016.8	6 054 526.1	44.6	55.0	
13/08/2022	23:41:36	ST098	Still	210761_ST098_09	01374	400 963.7	6 054 540.2	401 023.7	6 054 524.4	44.5	62.1	
13/08/2022	23:41:43	ST098	Video	EOL	01375	400 963.7	6 054 540.2	401 025.6	6 054 524.0	44.5	64.1	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
13/08/2022	23:49:17	ST098	HG	FA/PSDA	01376	400 963.7	6 054 540.2	400 944.3	6 054 557.4	20.0	25.9	
14/08/2022	00:06:00	ST098	DG	CA	NO FIX	400 963.7	6 054 540.2			23.3		
14/08/2022	00:33:03	ST082	Video	SOL	01377	400 441.6	6 051 628.4	400 365.7	6 051 653.6	31.7	80.0	
14/08/2022	00:33:31	ST082	Still	210761_ST082_01	01378	400 441.6	6 051 628.4	400 386.0	6 051 647.2	32.2	58.7	
14/08/2022	00:33:39	ST082	Still	210761_ST082_02	01379	400 441.6	6 051 628.4	400 390.2	6 051 644.2	31.8	53.7	
14/08/2022	00:33:55	ST082	Still	210761_ST082_03	01380	400 441.6	6 051 628.4	400 402.7	6 051 644.6	32.4	42.2	
14/08/2022	00:34:10	ST082	Still	210761_ST082_04	01381	400 441.6	6 051 628.4	400 413.7	6 051 644.6	32.4	32.3	
14/08/2022	00:34:25	ST082	Still	210761_ST082_05	01382	400 441.6	6 051 628.4	400 424.7	6 051 642.3	32.0	21.9	
14/08/2022	00:34:55	ST082	Still	210761_ST082_06	01383	400 441.6	6 051 628.4	400 446.0	6 051 642.1	31.5	14.4	
14/08/2022	00:34:58	ST082	Still	210761_ST082_07	01384	400 441.6	6 051 628.4	400 447.9	6 051 639.9	32.1	13.2	
14/08/2022	00:35:10	ST082	Still	210761_ST082_08	01385	400 441.6	6 051 628.4	400 455.8	6 051 638.1	32.2	17.3	
14/08/2022	00:35:44	ST082	Still	210761_ST082_09	01386	400 441.6	6 051 628.4	400 479.2	6 051 636.2	32.0	38.4	
14/08/2022	00:36:14	ST082	Still	210761_ST082_10	01387	400 441.6	6 051 628.4	400 492.5	6 051 633.2	31.6	51.2	
14/08/2022	00:36:54	ST082	Video	EOL	01388	400 441.6	6 051 628.4	400 503.8	6 051 636.4	30.8	62.8	
14/08/2022	00:45:27	ST082	HG	FA/PSDA	01389	400 441.6	6 051 628.4	400 404.7	6 051 648.3	31.9	41.9	
14/08/2022	01:18:08	ST064	Video	SOL	01390	400 441.6	6 048 628.4	400 394.8	6 048 666.6	30.6	60.4	
14/08/2022	01:18:54	ST064	Still	210761_ST064_01	01403	400 441.6	6 048 628.4	400 413.5	6 048 648.9	31.4	34.8	
14/08/2022	01:19:05	ST064	Still	210761_ST064_02	01404	400 441.6	6 048 628.4	400 418.1	6 048 644.5	31.5	28.5	
14/08/2022	01:19:13	ST064	Still	210761_ST064_03	01405	400 441.6	6 048 628.4	400 422.0	6 048 640.3	31.4	22.9	
14/08/2022	01:19:30	ST064	Still	210761_ST064_04	01406	400 441.6	6 048 628.4	400 428.2	6 048 634.9	31.4	14.9	
14/08/2022	01:19:51	ST064	Still	210761_ST064_05	01407	400 441.6	6 048 628.4	400 441.5	6 048 626.9	31.4	1.5	
14/08/2022	01:20:02	ST064	Still	210761_ST064_06	01408	400 441.6	6 048 628.4	400 446.6	6 048 624.4	31.2	6.5	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	01:20:18	ST064	Still	210761_ST064_07	01409	400 441.6	6 048 628.4	400 456.8	6 048 620.7	31.6	17.0	
14/08/2022	01:20:29	ST064	Still	210761_ST064_08	01410	400 441.6	6 048 628.4	400 457.1	6 048 616.9	30.8	19.3	
14/08/2022	01:20:45	ST064	Still	210761_ST064_09	01411	400 441.6	6 048 628.4	400 471.6	6 048 613.5	31.6	33.5	
14/08/2022	01:21:12	ST064	Still	210761_ST064_10	01412	400 441.6	6 048 628.4	400 484.8	6 048 602.6	32.6	50.3	
14/08/2022	01:21:20	ST064	Still	210761_ST064_11	01413	400 441.6	6 048 628.4	400 486.4	6 048 598.3	32.5	54.0	
14/08/2022	01:21:49	ST064	Video	EOL	01414	400 441.6	6 048 628.4	400 498.6	6 048 593.2	32.2	67.0	
14/08/2022	01:27:46	ST064	HG	FA/PSDA	01415	400 441.6	6 048 628.4	400 401.2	6 048 611.0	28.8	44.0	
14/08/2022	01:58:30	ST048	Video	SOL	01416	400 441.6	6 045 628.4	400 375.5	6 045 651.2	33.4	69.9	
14/08/2022	01:58:50	ST048	Still	210761_ST048_01	01417	400 441.6	6 045 628.4	400 391.7	6 045 646.0	34.4	52.9	
14/08/2022	01:59:01	ST048	Still	210761_ST048_02	01418	400 441.6	6 045 628.4	400 400.0	6 045 642.1	34.6	43.7	
14/08/2022	01:59:24	ST048	Still	210761_ST048_03	01419	400 441.6	6 045 628.4	400 419.5	6 045 634.8	34.2	23.0	
14/08/2022	01:59:34	ST048	Still	210761_ST048_04	01420	400 441.6	6 045 628.4	400 426.9	6 045 634.7	33.8	16.0	
14/08/2022	01:59:52	ST048	Still	210761_ST048_05	01421	400 441.6	6 045 628.4	400 442.7	6 045 631.3	34.1	3.1	
14/08/2022	02:00:08	ST048	Still	210761_ST048_06	01422	400 441.6	6 045 628.4	400 456.2	6 045 629.6	33.8	14.7	
14/08/2022	02:00:11	ST048	Still	210761_ST048_07	01423	400 441.6	6 045 628.4	400 456.8	6 045 630.1	33.5	15.3	
14/08/2022	02:00:26	ST048	Still	210761_ST048_08	01424	400 441.6	6 045 628.4	400 468.7	6 045 623.0	34.2	27.6	
14/08/2022	02:00:33	ST048	Still	210761_ST048_09	01425	400 441.6	6 045 628.4	400 469.0	6 045 625.9	-	27.6	
14/08/2022	02:01:05	ST048	Still	210761_ST048_10	01426	400 441.6	6 045 628.4	400 493.0	6 045 623.1	33.8	51.7	
14/08/2022	02:01:15	ST048	Still	210761_ST048_11	01427	400 441.6	6 045 628.4	400 497.3	6 045 622.5	34.0	56.1	
14/08/2022	02:01:42	ST048	Still	210761_ST048_12	01428	400 441.6	6 045 628.4	400 510.6	6 045 617.0	-	69.9	
14/08/2022	02:01:50	ST048	Video	EOL	01429	400 441.6	6 045 628.4	400 512.5	6 045 614.1	33.4	72.3	
14/08/2022	02:08:36	ST048	HG	FA/PSDA	01430	400 441.6	6 045 628.4	400 411.4	6 045 630.4	32.4	30.2	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	03:03:26	ST131	HG	FA/PSDA	01431	404 013.5	6 044 308.4	403 989.7	6 044 312.7	34.1	24.2	
14/08/2022	03:25:46	ST049	Video	SOL	01432	403 441.6	6 045 628.4	403 377.3	6 045 603.8	36.3	68.8	
14/08/2022	03:26:20	ST049	Still	210761_ST049_01	01433	403 441.6	6 045 628.4	403 404.4	6 045 604.5	37.0	44.2	
14/08/2022	03:26:36	ST049	Still	210761_ST049_02	01434	403 441.6	6 045 628.4	403 418.0	6 045 607.0	36.2	31.8	
14/08/2022	03:27:09	ST049	Still	210761_ST049_03	01435	403 441.6	6 045 628.4	403 443.9	6 045 621.2	37.1	7.5	
14/08/2022	03:27:25	ST049	Still	210761_ST049_04	01436	403 441.6	6 045 628.4	403 458.2	6 045 625.5	36.9	16.9	
14/08/2022	03:27:31	ST049	Still	210761_ST049_05	01437	403 441.6	6 045 628.4	403 462.0	6 045 627.1	36.5	20.5	
14/08/2022	03:27:51	ST049	Still	210761_ST049_06	01438	403 441.6	6 045 628.4	403 475.3	6 045 636.9	36.3	34.8	
14/08/2022	03:28:01	ST049	Still	210761_ST049_07	01439	403 441.6	6 045 628.4	403 474.9	6 045 646.1	37.8	37.7	
14/08/2022	03:28:18	ST049	Still	210761_ST049_08	01440	403 441.6	6 045 628.4	403 486.1	6 045 648.8	36.9	49.0	
14/08/2022	03:28:47	ST049	Still	210761_ST049_09	01441	403 441.6	6 045 628.4	403 494.4	6 045 664.6	37.0	64.1	
14/08/2022	03:29:09	ST049	Still	210761_ST049_10	01442	403 441.6	6 045 628.4	403 500.0	6 045 669.1	36.0	71.2	
14/08/2022	03:29:20	ST049	Video	EOL	01443	403 441.6	6 045 628.4	403 503.1	6 045 669.9	35.1	74.2	
14/08/2022	03:36:47	ST049	HG	FA/PSDA	01444	403 441.6	6 045 628.4	403 452.3	6 045 588.3	36.3	41.4	
14/08/2022	04:07:51	ST065	Video	SOL	01445	403 535.2	6 048 930.0	403 480.5	6 048 854.9	34.9	92.9	
14/08/2022	04:08:01	ST065	Still	210761_ST065_01	01446	403 535.2	6 048 930.0	403 488.0	6 048 860.5	33.6	84.0	
14/08/2022	04:08:05	ST065	Still	210761_ST065_02	01447	403 535.2	6 048 930.0	403 488.0	6 048 863.4	34.6	81.7	
14/08/2022	04:08:17	ST065	Still	210761_ST065_03	01448	403 535.2	6 048 930.0	403 495.4	6 048 872.2	33.8	70.2	
14/08/2022	04:08:34	ST065	Still	210761_ST065_04	01449	403 535.2	6 048 930.0	403 504.5	6 048 885.6	34.5	54.0	
14/08/2022	04:08:46	ST065	Still	210761_ST065_05	01450	403 535.2	6 048 930.0	403 511.1	6 048 894.0	34.1	43.4	
14/08/2022	04:08:55	ST065	Still	210761_ST065_06	01451	403 535.2	6 048 930.0	403 514.4	6 048 899.6	33.5	36.8	
14/08/2022	04:09:16	ST065	Still	210761_ST065_07	01452	403 535.2	6 048 930.0	403 526.7	6 048 912.1	33.5	19.9	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	04:09:18	ST065	Still	210761_ST065_08	01453	403 535.2	6 048 930.0	403 527.8	6 048 912.8	33.6	18.7	
14/08/2022	04:09:34	ST065	Still	210761_ST065_09	01454	403 535.2	6 048 930.0	403 538.4	6 048 923.2	34.1	7.5	
14/08/2022	04:09:41	ST065	Still	210761_ST065_10	01455	403 535.2	6 048 930.0	403 541.2	6 048 925.7	-	7.3	
14/08/2022	04:10:01	ST065	Still	210761_ST065_11	01456	403 535.2	6 048 930.0	403 551.7	6 048 939.1	34.0	18.8	
14/08/2022	04:10:05	ST065	Still	210761_ST065_12	01457	403 535.2	6 048 930.0	403 552.4	6 048 942.1	34.7	21.0	
14/08/2022	04:10:25	ST065	Still	210761_ST065_13	01458	403 535.2	6 048 930.0	403 561.8	6 048 953.2	33.4	35.3	
14/08/2022	04:10:41	ST065	Still	210761_ST065_14	01459	403 535.2	6 048 930.0	403 566.0	6 048 962.3	33.8	44.6	
14/08/2022	04:10:59	ST065	Still	210761_ST065_15	01460	403 535.2	6 048 930.0	403 576.2	6 048 968.0	32.5	55.9	
14/08/2022	04:11:19	ST065	Still	210761_ST065_16	01461	403 535.2	6 048 930.0	403 579.7	6 048 977.8	32.3	65.3	
14/08/2022	04:11:38	ST065	Video	EOL	01462	403 535.2	6 048 930.0	403 580.9	6 048 982.6	32.8	69.7	
14/08/2022	04:19:15	ST065	HG	FA/PSDA	01463	403 535.2	6 048 930.0	403 547.8	6 048 943.9	32.5	18.8	
14/08/2022	05:00:24	ST083	Video	SOL	01464	403 441.6	6 051 628.4	403 401.3	6 051 573.9	25.5	67.7	
14/08/2022	05:00:37	ST083	Still	210761_ST083_01	01465	403 441.6	6 051 628.4	403 407.7	6 051 576.2	25.5	62.2	
14/08/2022	05:00:54	ST083	Still	210761_ST083_02	01466	403 441.6	6 051 628.4	403 418.5	6 051 579.2	25.7	54.3	
14/08/2022	05:01:24	ST083	Still	210761_ST083_03	01467	403 441.6	6 051 628.4	403 430.3	6 051 587.0	25.3	42.9	
14/08/2022	05:01:44	ST083	Still	210761_ST083_04	01468	403 441.6	6 051 628.4	403 440.1	6 051 595.2	25.3	33.2	
14/08/2022	05:02:12	ST083	Still	210761_ST083_05	01469	403 441.6	6 051 628.4	403 438.8	6 051 606.5	24.8	22.0	
14/08/2022	05:02:42	ST083	Still	210761_ST083_06	01470	403 441.6	6 051 628.4	403 437.5	6 051 616.7	25.0	12.4	
14/08/2022	05:03:21	ST083	Still	210761_ST083_07	01471	403 441.6	6 051 628.4	403 437.2	6 051 636.9	25.4	9.6	
14/08/2022	05:04:09	ST083	Still	210761_ST083_08	01472	403 441.6	6 051 628.4	403 429.7	6 051 661.1	25.1	34.8	
14/08/2022	05:04:28	ST083	Still	210761_ST083_09	01473	403 441.6	6 051 628.4	403 424.3	6 051 668.2	25.3	43.4	
14/08/2022	05:04:44	ST083	Still	210761_ST083_10	01474	403 441.6	6 051 628.4	403 419.7	6 051 676.9	-	53.2	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	05:04:49	ST083	Video	EOL	01475	403 441.6	6 051 628.4	403 420.3	6 051 678.2	25.0	54.2	
14/08/2022	05:12:34	ST083	HG	FA/PSDA	01476	403 441.6	6 051 628.4	403 445.0	6 051 630.7	25.5	4.1	
14/08/2022	05:38:11	ST099	Video	SOL	01477	403 441.6	6 054 628.4	403 481.9	6 054 585.5	30.0	58.8	
14/08/2022	05:38:20	ST099	Still	210761_ST099_01	01478	403 441.6	6 054 628.4	403 478.8	6 054 588.9	29.2	54.2	
14/08/2022	05:38:27	ST099	Still	210761_ST099_02	01479	403 441.6	6 054 628.4	403 475.8	6 054 592.1	30.1	49.8	
14/08/2022	05:38:34	ST099	Still	210761_ST099_03	01480	403 441.6	6 054 628.4	403 473.9	6 054 595.1	30.5	46.4	
14/08/2022	05:39:00	ST099	Still	210761_ST099_04	01481	403 441.6	6 054 628.4	403 467.5	6 054 599.4	29.5	38.9	
14/08/2022	05:39:24	ST099	Still	210761_ST099_05	01482	403 441.6	6 054 628.4	403 461.6	6 054 611.2	30.0	26.4	
14/08/2022	05:39:37	ST099	Still	210761_ST099_06	01483	403 441.6	6 054 628.4	403 457.9	6 054 615.6	29.4	20.7	
14/08/2022	05:39:49	ST099	Still	210761_ST099_07	01484	403 441.6	6 054 628.4	403 452.3	6 054 619.4	30.1	14.0	
14/08/2022	05:40:17	ST099	Still	210761_ST099_08	01485	403 441.6	6 054 628.4	403 445.4	6 054 626.0	29.4	4.5	
14/08/2022	05:40:36	ST099	Still	210761_ST099_09	01486	403 441.6	6 054 628.4	403 437.1	6 054 632.3	-	5.9	
14/08/2022	05:40:57	ST099	Still	210761_ST099_10	01487	403 441.6	6 054 628.4	403 432.9	6 054 639.1	30.1	13.8	
14/08/2022	05:41:17	ST099	Still	210761_ST099_11	01488	403 441.6	6 054 628.4	403 427.4	6 054 643.2	29.4	20.5	
14/08/2022	05:42:25	ST099	Still	210761_ST099_12	01489	403 441.6	6 054 628.4	403 415.3	6 054 659.9	30.0	41.1	
14/08/2022	05:43:06	ST099	Video	EOL	01490	403 441.6	6 054 628.4	403 407.6	6 054 668.1	29.2	52.3	
14/08/2022	05:48:45	ST099	HG	FA/PSDA	01491	403 441.6	6 054 628.4	403 448.7	6 054 624.8	28.6	8.0	
14/08/2022	06:54:10	ST111	Video	SOL	01492	403 441.6	6 057 628.4	403 490.5	6 057 590.5	28.6	61.8	
14/08/2022	06:54:23	ST111	Still	210761_ST111_01	01493	403 441.6	6 057 628.4	403 483.1	6 057 598.3	29.5	51.2	
14/08/2022	06:55:10	ST111	Still	210761_ST111_02	01494	403 441.6	6 057 628.4	403 462.6	6 057 619.0	29.3	23.0	
14/08/2022	06:55:11	ST111	Still	210761_ST111_03	01495	403 441.6	6 057 628.4	403 461.6	6 057 619.2	29.6	22.0	
14/08/2022	06:55:19	ST111	Still	210761_ST111_04	01496	403 441.6	6 057 628.4	403 457.3	6 057 623.6	30.3	16.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	06:55:34	ST111	Still	210761_ST111_05	01497	403 441.6	6 057 628.4	403 451.8	6 057 629.0	28.6	10.2	
14/08/2022	06:56:13	ST111	Still	210761_ST111_06	01498	403 441.6	6 057 628.4	403 435.9	6 057 639.9	29.0	12.8	
14/08/2022	06:56:26	ST111	Still	210761_ST111_07	01499	403 441.6	6 057 628.4	403 429.0	6 057 643.6	29.2	19.7	
14/08/2022	06:56:48	ST111	Still	210761_ST111_08	01500	403 441.6	6 057 628.4	403 423.9	6 057 651.9	-	29.4	
14/08/2022	06:57:04	ST111	Still	210761_ST111_09	01501	403 441.6	6 057 628.4	403 415.9	6 057 659.1	29.7	40.1	
14/08/2022	06:57:42	ST111	Still	210761_ST111_10	01502	403 441.6	6 057 628.4	403 407.6	6 057 671.0	29.4	54.6	
14/08/2022	06:57:55	ST111	Video	EOL	01503	403 441.6	6 057 628.4	403 405.3	6 057 673.2	28.9	57.6	
14/08/2022	07:03:40	ST111	HG	FA/PSDA	01504	403 441.6	6 057 628.4	403 455.3	6 057 621.6	27.8	15.3	
14/08/2022	07:24:53	ST201	Video	SOL	01505	404 735.9	6 055 376.5	404 772.3	6 055 344.0	30.7	48.8	
14/08/2022	07:25:08	ST201	Still	210761_ST201_01	01506	404 735.9	6 055 376.5	404 764.3	6 055 349.0	30.3	39.6	
14/08/2022	07:25:32	ST201	Still	210761_ST201_02	01507	404 735.9	6 055 376.5	404 757.3	6 055 354.7	30.4	30.5	
14/08/2022	07:25:46	ST201	Still	210761_ST201_03	01508	404 735.9	6 055 376.5	404 749.4	6 055 359.3	30.3	21.9	
14/08/2022	07:26:04	ST201	Still	210761_ST201_04	01509	404 735.9	6 055 376.5	404 741.6	6 055 364.9	30.6	12.9	
14/08/2022	07:26:27	ST201	Still	210761_ST201_05	01510	404 735.9	6 055 376.5	404 732.6	6 055 374.5	30.7	3.8	
14/08/2022	07:27:16	ST201	Still	210761_ST201_06	01511	404 735.9	6 055 376.5	404 705.9	6 055 393.8	30.8	34.6	
14/08/2022	07:27:51	ST201	Still	210761_ST201_07	01512	404 735.9	6 055 376.5	404 686.0	6 055 405.9	30.5	57.9	
14/08/2022	07:27:58	ST201	Video	EOL	01513	404 735.9	6 055 376.5	404 681.6	6 055 409.6	31.1	63.5	
14/08/2022	07:51:09	BT04	BT	SOL	01514	404 735.8	6 055 376.8	404 274.7	6 055 295.8	23.0	468.2	
14/08/2022	07:59:54	BT04	BT	EOL	01515	404 735.8	6 055 376.8	405 062.5	6 055 502.5	27.0	350.0	
14/08/2022	08:22:36	BT04	BT	SOL	01516	404 735.8	6 055 376.8	404 970.7	6 055 818.8	23.0	500.5	
14/08/2022	08:33:48	BT04	BT	EOL	01517	404 735.8	6 055 376.8	404 551.2	6 055 108.0	27.0	326.1	
14/08/2022	09:25:24	ST121	Video	SOL	01518	403 900.2	6 061 092.5	403 898.3	6 061 059.4	24.3	33.1	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	09:25:59	ST121	Still	210761_ST121_01	01519	403 900.2	6 061 092.5	403 886.2	6 061 082.3	24.8	17.3	
14/08/2022	09:26:10	ST121	Still	210761_ST121_02	01520	403 900.2	6 061 092.5	403 885.2	6 061 090.5	24.9	15.1	
14/08/2022	09:26:14	ST121	Still	210761_ST121_03	01521	403 900.2	6 061 092.5	403 885.2	6 061 094.0	25.2	15.0	
14/08/2022	09:26:26	ST121	Still	210761_ST121_04	01522	403 900.2	6 061 092.5	403 884.2	6 061 101.9	24.9	18.5	
14/08/2022	09:26:41	ST121	Still	210761_ST121_05	01523	403 900.2	6 061 092.5	403 884.0	6 061 112.6	24.7	25.8	
14/08/2022	09:27:05	ST121	Still	210761_ST121_06	01524	403 900.2	6 061 092.5	403 880.4	6 061 132.5	24.6	44.6	
14/08/2022	09:27:28	ST121	Still	210761_ST121_07	01525	403 900.2	6 061 092.5	403 875.1	6 061 150.6	23.9	63.3	
14/08/2022	09:27:46	ST121	Video	EOL	01526	403 900.2	6 061 092.5	403 870.0	6 061 170.9	24.8	84.0	
14/08/2022	09:36:34	ST121	DG	CA	01527	403 900.2	6 061 092.5	403 881.5	6 061 081.0	25.2	21.9	
14/08/2022	09:44:20	ST121	HG	FA/PSDA	01528	403 900.2	6 061 092.5	403 892.2	6 061 080.3	24.8	14.6	
14/08/2022	10:16:43	ST122	Video	SOL	01529	406 441.6	6 060 628.4	406 371.7	6 060 671.9	20.7	82.3	
14/08/2022	10:17:00	ST122	Still	210761_ST122_01	01530	406 441.6	6 060 628.4	406 381.7	6 060 665.6	20.3	70.5	
14/08/2022	10:17:29	ST122	Still	210761_ST122_02	01531	406 441.6	6 060 628.4	406 400.4	6 060 654.7	20.8	48.9	
14/08/2022	10:17:57	ST122	Still	210761_ST122_03	01532	406 441.6	6 060 628.4	406 420.0	6 060 646.3	20.5	28.0	
14/08/2022	10:18:25	ST122	Still	210761_ST122_04	01533	406 441.6	6 060 628.4	406 435.2	6 060 638.8	20.3	12.3	
14/08/2022	10:18:40	ST122	Still	210761_ST122_05	01534	406 441.6	6 060 628.4	406 443.5	6 060 634.5	20.9	6.4	
14/08/2022	10:19:08	ST122	Still	210761_ST122_06	01535	406 441.6	6 060 628.4	406 457.3	6 060 629.8	20.8	15.8	
14/08/2022	10:19:32	ST122	Still	210761_ST122_07	01536	406 441.6	6 060 628.4	406 469.9	6 060 625.7	20.0	28.5	
14/08/2022	10:20:05	ST122	Still	210761_ST122_08	01537	406 441.6	6 060 628.4	406 485.7	6 060 616.7	20.3	45.6	
14/08/2022	10:20:33	ST122	Video	EOL	01538	406 441.6	6 060 628.4	406 493.1	6 060 611.0	19.6	54.3	
14/08/2022	10:27:03	ST122	HG	FA/PSDA	01539	406 441.6	6 060 628.4	406 434.7	6 060 640.1	20.0	13.6	
14/08/2022	10:50:37	ST112	Video	SOL	01540	406 441.6	6 057 628.4	406 401.1	6 057 671.7	23.2	59.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	10:50:58	ST112	Still	210761_ST112_01	01541	406 441.6	6 057 628.4	406 406.3	6 057 662.8	23.4	49.3	
14/08/2022	10:51:11	ST112	Still	210761_ST112_02	01542	406 441.6	6 057 628.4	406 409.8	6 057 658.1	23.5	43.5	
14/08/2022	10:51:30	ST112	Still	210761_ST112_03	01543	406 441.6	6 057 628.4	406 415.0	6 057 650.5	23.3	34.6	
14/08/2022	10:51:48	ST112	Still	210761_ST112_04	01544	406 441.6	6 057 628.4	406 422.9	6 057 644.6	23.6	24.7	
14/08/2022	10:52:28	ST112	Still	210761_ST112_05	01545	406 441.6	6 057 628.4	406 439.6	6 057 634.5	22.9	6.5	
14/08/2022	10:52:58	ST112	Still	210761_ST112_06	01546	406 441.6	6 057 628.4	406 453.7	6 057 628.2	23.4	12.2	
14/08/2022	10:53:46	ST112	Still	210761_ST112_07	01547	406 441.6	6 057 628.4	406 478.5	6 057 622.8	22.9	37.3	
14/08/2022	10:54:15	ST112	Still	210761_ST112_08	01548	406 441.6	6 057 628.4	406 499.2	6 057 617.0	-	58.7	
14/08/2022	10:54:21	ST112	Video	EOL	01549	406 441.6	6 057 628.4	406 495.7	6 057 618.4	22.8	55.0	
14/08/2022	10:59:11	ST112	HG	FA/PSDA	01550	406 441.6	6 057 628.4	406 448.2	6 057 630.9	22.4	7.1	
14/08/2022	11:29:57	ST100	Video	SOL	01551	406 441.6	6 054 628.4	406 383.0	6 054 669.2	22.5	71.4	
14/08/2022	11:30:27	ST100	Still	210761_ST100_01	01552	406 441.6	6 054 628.4	406 396.5	6 054 659.4	22.3	54.7	
14/08/2022	11:30:38	ST100	Still	210761_ST100_02	01553	406 441.6	6 054 628.4	406 402.0	6 054 656.4	22.9	48.5	
14/08/2022	11:30:49	ST100	Still	210761_ST100_03	01554	406 441.6	6 054 628.4	406 410.1	6 054 653.5	22.9	40.2	
14/08/2022	11:31:16	ST100	Still	210761_ST100_04	01555	406 441.6	6 054 628.4	406 421.3	6 054 644.3	22.9	25.8	
14/08/2022	11:31:47	ST100	Still	210761_ST100_05	01556	406 441.6	6 054 628.4	406 437.4	6 054 634.4	22.8	7.3	
14/08/2022	11:31:57	ST100	Still	210761_ST100_06	01557	406 441.6	6 054 628.4	406 439.4	6 054 629.7	22.6	2.5	
14/08/2022	11:32:03	ST100	Still	210761_ST100_07	01558	406 441.6	6 054 628.4	406 437.4	6 054 625.4	22.1	5.2	
14/08/2022	11:32:17	ST100	Still	210761_ST100_08	01559	406 441.6	6 054 628.4	406 444.8	6 054 619.9	23.0	9.1	
14/08/2022	11:32:25	ST100	Still	210761_ST100_09	01560	406 441.6	6 054 628.4	406 447.0	6 054 615.8	22.8	13.7	
14/08/2022	11:32:33	ST100	Still	210761_ST100_10	01561	406 441.6	6 054 628.4	406 450.6	6 054 613.0	22.8	17.9	
14/08/2022	11:32:41	ST100	Still	210761_ST100_11	01562	406 441.6	6 054 628.4	406 450.7	6 054 607.5	22.3	22.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	11:32:45	ST100	Still	210761_ST100_12	01563	406 441.6	6 054 628.4	406 452.4	6 054 606.8	23.1	24.1	
14/08/2022	11:33:03	ST100	Still	210761_ST100_13	01564	406 441.6	6 054 628.4	406 457.5	6 054 598.6	22.8	33.8	
14/08/2022	11:33:11	ST100	Still	210761_ST100_14	01565	406 441.6	6 054 628.4	406 461.0	6 054 594.8	-	38.8	
14/08/2022	11:33:30	ST100	Still	EOL	01566	406 441.6	6 054 628.4	406 466.8	6 054 588.8	22.4	46.9	
14/08/2022	11:38:35	ST100	HG	FA/PSDA	01567	406 441.6	6 054 628.4	406 441.5	6 054 604.8	24.6	23.6	
14/08/2022	12:00:08	ST084	Video	SOL	01568	406 441.6	6 051 628.4	406 397.6	6 051 667.8	28.7	59.1	
14/08/2022	12:00:39	ST084	Still	210761_ST084_01	01569	406 441.6	6 051 628.4	406 411.3	6 051 656.9	28.2	41.6	
14/08/2022	12:00:51	ST084	Still	210761_ST084_02	01570	406 441.6	6 051 628.4	406 418.5	6 051 654.8	28.0	35.0	
14/08/2022	12:01:07	ST084	Still	210761_ST084_03	01571	406 441.6	6 051 628.4	406 426.2	6 051 647.7	28.4	24.7	
14/08/2022	12:01:12	ST084	Still	210761_ST084_04	01572	406 441.6	6 051 628.4	406 428.1	6 051 646.5	28.4	22.6	
14/08/2022	12:01:22	ST084	Still	210761_ST084_05	01573	406 441.6	6 051 628.4	406 434.8	6 051 645.1	27.9	18.1	
14/08/2022	12:01:26	ST084	Still	210761_ST084_06	01574	406 441.6	6 051 628.4	406 435.8	6 051 639.9	-	12.9	
14/08/2022	12:01:36	ST084	Still	210761_ST084_07	01575	406 441.6	6 051 628.4	406 441.7	6 051 639.0	28.9	10.6	
14/08/2022	12:01:39	ST084	Still	210761_ST084_08	01576	406 441.6	6 051 628.4	406 442.0	6 051 636.9	28.6	8.5	
14/08/2022	12:01:51	ST084	Still	210761_ST084_09	01577	406 441.6	6 051 628.4	406 449.5	6 051 636.4	28.2	11.3	
14/08/2022	12:01:55	ST084	Still	210761_ST084_10	01578	406 441.6	6 051 628.4	406 450.5	6 051 633.4	29.1	10.3	
14/08/2022	12:01:59	ST084	Still	210761_ST084_11	01579	406 441.6	6 051 628.4	406 451.6	6 051 632.8	28.8	10.9	
14/08/2022	12:02:07	ST084	Still	210761_ST084_12	01580	406 441.6	6 051 628.4	406 455.0	6 051 629.9	28.6	13.5	
14/08/2022	12:02:16	ST084	Still	210761_ST084_13	01581	406 441.6	6 051 628.4	406 460.6	6 051 629.0	28.5	19.0	
14/08/2022	12:02:26	ST084	Still	210761_ST084_14	01582	406 441.6	6 051 628.4	406 465.4	6 051 626.1	28.4	24.0	
14/08/2022	12:02:37	ST084	Still	210761_ST084_15	01583	406 441.6	6 051 628.4	406 472.4	6 051 624.5	28.8	31.1	
14/08/2022	12:02:53	ST084	Still	210761_ST084_16	01584	406 441.6	6 051 628.4	406 481.8	6 051 623.4	28.2	40.5	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	12:03:11	ST084	Still	210761_ST084_17	01585	406 441.6	6 051 628.4	406 493.5	6 051 619.0	28.3	52.8	
14/08/2022	12:03:17	ST084	Video	EOL	01586	406 441.6	6 051 628.4	406 496.9	6 051 618.7	28.5	56.2	
14/08/2022	12:08:51	ST084	HG	FA/PSDA	01587	406 441.6	6 051 628.4	406 437.0	6 051 630.7	28.7	5.1	
14/08/2022	12:30:30	ST066	Video	SOL	01588	406 441.6	6 048 628.4	406 398.5	6 048 671.2	27.0	60.7	
14/08/2022	12:30:55	ST066	Still	210761_ST066_01	01589	406 441.6	6 048 628.4	406 407.1	6 048 659.0	27.3	46.1	
14/08/2022	12:30:59	ST066	Still	210761_ST066_02	01590	406 441.6	6 048 628.4	406 406.6	6 048 656.8	27.5	45.1	
14/08/2022	12:31:03	ST066	Still	210761_ST066_03	01591	406 441.6	6 048 628.4	406 409.4	6 048 654.4	28.2	41.4	
14/08/2022	12:31:10	ST066	Still	210761_ST066_04	01592	406 441.6	6 048 628.4	406 410.8	6 048 653.8	26.9	39.9	
14/08/2022	12:31:14	ST066	Still	210761_ST066_05	01593	406 441.6	6 048 628.4	406 412.8	6 048 651.1	27.7	36.7	
14/08/2022	12:31:39	ST066	Still	210761_ST066_06	01594	406 441.6	6 048 628.4	406 423.1	6 048 642.2	27.8	23.1	
14/08/2022	12:32:03	ST066	Still	210761_ST066_07	01595	406 441.6	6 048 628.4	406 432.2	6 048 633.1	28.1	10.5	
14/08/2022	12:32:32	ST066	Still	210761_ST066_08	01596	406 441.6	6 048 628.4	406 443.6	6 048 622.0	27.9	6.7	
14/08/2022	12:34:15	ST066	Video	EOL	01607	406 441.6	6 048 628.4	406 483.1	6 048 578.9	23.0	64.6	
14/08/2022	12:39:51	ST066	HG	FA/PSDA	01608	406 441.6	6 048 628.4	406 404.6	6 048 649.9	23.0	42.7	
14/08/2022	13:00:17	ST050	Video	SOL	01609	406 441.6	6 045 628.4	406 400.4	6 045 687.3	20.7	71.9	
14/08/2022	13:00:50	ST050	Still	210761_ST050_01	01610	406 441.6	6 045 628.4	406 405.1	6 045 670.3	21.3	55.6	
14/08/2022	13:00:57	ST050	Still	210761_ST050_02	01611	406 441.6	6 045 628.4	406 407.3	6 045 666.5	20.9	51.3	
14/08/2022	13:01:01	ST050	Still	210761_ST050_03	01612	406 441.6	6 045 628.4	406 408.3	6 045 663.8	21.3	48.6	
14/08/2022	13:01:08	ST050	Still	210761_ST050_04	01613	406 441.6	6 045 628.4	406 411.7	6 045 659.6	21.5	43.2	
14/08/2022	13:01:13	ST050	Still	210761_ST050_05	01614	406 441.6	6 045 628.4	406 412.7	6 045 660.0	20.8	42.8	
14/08/2022	13:01:21	ST050	Still	210761_ST050_06	01615	406 441.6	6 045 628.4	406 414.5	6 045 654.0	21.2	37.3	
14/08/2022	13:01:36	ST050	Still	210761_ST050_07	01616	406 441.6	6 045 628.4	406 420.4	6 045 646.5	21.7	27.9	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	13:01:40	ST050	Still	210761_ST050_08	01617	406 441.6	6 045 628.4	406 421.5	6 045 646.7	21.1	27.2	
14/08/2022	13:01:55	ST050	Still	210761_ST050_09	01618	406 441.6	6 045 628.4	406 425.9	6 045 636.7	21.7	17.7	
14/08/2022	13:01:59	ST050	Still	210761_ST050_10	01619	406 441.6	6 045 628.4	406 426.4	6 045 638.1	-	18.0	
14/08/2022	13:02:03	ST050	Still	210761_ST050_11	01620	406 441.6	6 045 628.4	406 427.3	6 045 633.4	21.5	15.1	
14/08/2022	13:02:08	ST050	Still	210761_ST050_12	01621	406 441.6	6 045 628.4	406 428.1	6 045 631.9	20.9	13.9	
14/08/2022	13:02:16	ST050	Still	210761_ST050_13	01622	406 441.6	6 045 628.4	406 429.3	6 045 629.1	21.1	12.3	
14/08/2022	13:02:27	ST050	Still	210761_ST050_14	01623	406 441.6	6 045 628.4	406 432.4	6 045 622.6	21.8	10.8	
14/08/2022	13:02:39	ST050	Still	210761_ST050_15	01624	406 441.6	6 045 628.4	406 434.5	6 045 620.1	21.0	10.9	
14/08/2022	13:02:47	ST050	Still	210761_ST050_16	01625	406 441.6	6 045 628.4	406 435.8	6 045 616.9	21.0	12.8	
14/08/2022	13:03:00	ST050	Still	210761_ST050_17	01626	406 441.6	6 045 628.4	406 440.1	6 045 611.1	21.1	17.3	
14/08/2022	13:03:12	ST050	Still	210761_ST050_18	01627	406 441.6	6 045 628.4	406 442.5	6 045 609.5	21.0	18.9	
14/08/2022	13:03:30	ST050	Still	210761_ST050_19	01628	406 441.6	6 045 628.4	406 445.2	6 045 603.9	21.3	24.7	
14/08/2022	13:03:38	ST050	Still	210761_ST050_20	01629	406 441.6	6 045 628.4	406 446.7	6 045 599.1	21.7	29.7	
14/08/2022	13:03:52	ST050	Still	210761_ST050_21	01630	406 441.6	6 045 628.4	406 445.8	6 045 589.8	20.6	38.8	
14/08/2022	13:04:09	ST050	Still	210761_ST050_22	01631	406 441.6	6 045 628.4	406 445.7	6 045 578.9	20.4	49.6	
14/08/2022	13:04:19	ST050	Video	EOL	01632	406 441.6	6 045 628.4	406 446.8	6 045 574.7	20.5	53.9	
14/08/2022	13:09:48	ST050	HG	FA/PSDA	01633	406 441.6	6 045 628.4	406 417.0	6 045 611.1	17.0	30.0	
14/08/2022	13:37:33	ST038	Video	SOL	01634	409 462.1	6 042 701.3	409 410.9	6 042 732.8	24.4	60.1	
14/08/2022	13:37:53	ST038	Still	210761_ST038_01	01636	409 462.1	6 042 701.3	409 416.8	6 042 730.7	22.7	54.0	
14/08/2022	13:38:08	ST038	Still	210761_ST038_02	01637	409 462.1	6 042 701.3	409 421.7	6 042 727.0	22.8	47.9	
14/08/2022	13:38:12	ST038	Still	210761_ST038_03	01638	409 462.1	6 042 701.3	409 431.0	6 042 721.2	22.5	36.9	
14/08/2022	13:38:16	ST038	Still	210761_ST038_04	01639	409 462.1	6 042 701.3	409 434.2	6 042 720.6	22.7	33.9	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	13:38:32	ST038	Still	210761_ST038_05	01640	409 462.1	6 042 701.3	409 436.0	6 042 718.1	22.6	31.0	
14/08/2022	13:38:42	ST038	Still	210761_ST038_06	01641	409 462.1	6 042 701.3	409 445.3	6 042 711.2	22.8	19.5	
14/08/2022	13:38:50	ST038	Still	210761_ST038_07	01642	409 462.1	6 042 701.3	409 451.7	6 042 707.7	22.6	12.2	
14/08/2022	13:38:58	ST038	Still	210761_ST038_08	01643	409 462.1	6 042 701.3	409 457.1	6 042 705.6	22.2	6.6	
14/08/2022	13:39:10	ST038	Still	210761_ST038_09	01644	409 462.1	6 042 701.3	409 461.2	6 042 701.4	22.5	0.9	
14/08/2022	13:39:16	ST038	Still	210761_ST038_10	01645	409 462.1	6 042 701.3	409 470.3	6 042 695.3	23.1	10.2	
14/08/2022	13:39:27	ST038	Still	210761_ST038_11	01646	409 462.1	6 042 701.3	409 474.1	6 042 695.0	23.0	13.6	
14/08/2022	13:39:37	ST038	Still	210761_ST038_12	01647	409 462.1	6 042 701.3	409 479.7	6 042 689.7	23.3	21.1	
14/08/2022	13:39:45	ST038	Still	210761_ST038_13	01648	409 462.1	6 042 701.3	409 486.2	6 042 686.2	22.6	28.4	
14/08/2022	13:39:49	ST038	Still	210761_ST038_14	01649	409 462.1	6 042 701.3	409 490.9	6 042 681.1	23.2	35.2	
14/08/2022	13:39:59	ST038	Still	210761_ST038_15	01650	409 462.1	6 042 701.3	409 493.2	6 042 680.5	22.4	37.4	
14/08/2022	13:40:04	ST038	Video	EOL	01651	409 462.1	6 042 701.3	409 498.4	6 042 676.8	22.7	43.8	
14/08/2022	13:48:39	ST038	DG	CA	01652	409 462.1	6 042 701.3	409 499.1	6 042 674.9	22.6	45.5	
14/08/2022	13:54:36	ST038	HG	FA/PSDA	01653	409 462.1	6 042 701.3	409 445.3	6 042 681.6	18.0	25.9	
14/08/2022	14:31:07	ST051	Video	SOL	01654	409 441.6	6 045 628.4	409 397.7	6 045 664.9	26.7	57.1	
14/08/2022	14:31:33	ST051	Still	210761_ST051_01	01655	409 441.6	6 045 628.4	409 409.8	6 045 653.4	26.7	40.4	
14/08/2022	14:31:42	ST051	Still	210761_ST051_02	01656	409 441.6	6 045 628.4	409 415.6	6 045 650.0	26.9	33.8	
14/08/2022	14:31:55	ST051	Still	210761_ST051_03	01657	409 441.6	6 045 628.4	409 420.6	6 045 643.6	26.7	25.9	
14/08/2022	14:32:00	ST051	Still	210761_ST051_04	01658	409 441.6	6 045 628.4	409 422.7	6 045 642.0	26.8	23.3	
14/08/2022	14:32:03	ST051	Still	210761_ST051_05	01659	409 441.6	6 045 628.4	409 423.9	6 045 641.8	27.2	22.2	
14/08/2022	14:32:10	ST051	Still	210761_ST051_06	01660	409 441.6	6 045 628.4	409 427.2	6 045 637.9	26.8	17.2	
14/08/2022	14:32:14	ST051	Still	210761_ST051_07	01661	409 441.6	6 045 628.4	409 429.3	6 045 635.8	27.5	14.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	14:32:21	ST051	Still	210761_ST051_08	01662	409 441.6	6 045 628.4	409 432.2	6 045 632.5	27.3	10.2	
14/08/2022	14:32:30	ST051	Still	210761_ST051_09	01663	409 441.6	6 045 628.4	409 435.1	6 045 628.7	27.6	6.5	
14/08/2022	14:32:33	ST051	Still	210761_ST051_10	01664	409 441.6	6 045 628.4	409 437.6	6 045 629.7	27.5	4.2	
14/08/2022	14:32:40	ST051	Still	210761_ST051_11	01665	409 441.6	6 045 628.4	409 440.6	6 045 626.4	27.4	2.2	
14/08/2022	14:32:51	ST051	Still	210761_ST051_12	01666	409 441.6	6 045 628.4	409 442.0	6 045 624.1	-	4.3	
14/08/2022	14:33:04	ST051	Still	210761_ST051_13	01667	409 441.6	6 045 628.4	409 450.9	6 045 616.1	27.3	15.4	
14/08/2022	14:33:16	ST051	Still	210761_ST051_14	01668	409 441.6	6 045 628.4	409 455.0	6 045 612.1	26.5	21.1	
14/08/2022	14:33:26	ST051	Still	210761_ST051_15	01669	409 441.6	6 045 628.4	409 460.6	6 045 608.7	27.3	27.4	
14/08/2022	14:33:42	ST051	Still	210761_ST051_16	01670	409 441.6	6 045 628.4	409 467.4	6 045 602.8	27.4	36.3	
14/08/2022	14:33:48	ST051	Still	210761_ST051_17	01671	409 441.6	6 045 628.4	409 469.6	6 045 600.5	27.5	39.5	
14/08/2022	14:33:57	ST051	Still	210761_ST051_18	01672	409 441.6	6 045 628.4	409 473.7	6 045 598.7	28.4	43.7	
14/08/2022	14:34:07	ST051	Still	210761_ST051_19	01673	409 441.6	6 045 628.4	409 477.8	6 045 592.6	27.7	50.9	
14/08/2022	14:34:17	ST051	Video	EOL	01674	409 441.6	6 045 628.4	409 481.9	6 045 589.1	27.2	56.3	
14/08/2022	14:41:05	ST051	HG	FA/PSDA	01675	409 441.6	6 045 628.4	409 432.4	6 045 647.3	23.0	21.0	
14/08/2022	15:17:04	ST200	Video	SOL	01676	408 841.4	6 045 437.8	408 822.5	6 045 474.1	23.9	40.9	
14/08/2022	15:18:03	ST200	Still	210761_ST200_01	01677	408 841.4	6 045 437.8	408 834.8	6 045 458.1	24.1	21.4	
14/08/2022	15:18:50	ST200	Still	210761_ST200_02	01678	408 841.4	6 045 437.8	408 855.5	6 045 420.2	24.4	22.5	
14/08/2022	15:19:24	ST200	Still	210761_ST200_03	NO FIX	408 841.4	6 045 437.8	408 873.1	6 045 398.9	24.4	50.2	
14/08/2022	15:19:40	ST200	Video	EOL	01679	408 841.4	6 045 437.8	408 879.7	6 045 390.4	24.4	60.9	
14/08/2022	15:56:47	BT06	BT	SOL	01680	408 841.7	6 045 437.7	408 538.6	6 045 559.8	20.0	326.8	
14/08/2022	16:05:14	BT06	BT	EOL	01681	408 841.7	6 045 437.7	409 299.3	6 045 197.3	20.0	516.9	
14/08/2022	18:07:17	ST067	Video	SOL	01682	409 441.6	6 048 628.4	409 486.5	6 048 584.4	21.2	62.9	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	18:07:56	ST067	Still	210761_ST067_01	01683	409 441.6	6 048 628.4	409 471.9	6 048 602.4	-	39.9	
14/08/2022	18:08:04	ST067	Still	210761_ST067_02	01684	409 441.6	6 048 628.4	409 468.0	6 048 609.1	-	32.7	
14/08/2022	18:08:15	ST067	Still	210761_ST067_03	01685	409 441.6	6 048 628.4	409 466.1	6 048 617.0	21.4	27.0	
14/08/2022	18:08:20	ST067	Still	210761_ST067_04	01686	409 441.6	6 048 628.4	409 463.4	6 048 621.1	21.3	23.0	
14/08/2022	18:08:29	ST067	Still	210761_ST067_05	01687	409 441.6	6 048 628.4	409 459.4	6 048 629.0	22.2	17.9	
14/08/2022	18:08:33	ST067	Still	210761_ST067_06	01688	409 441.6	6 048 628.4	409 457.7	6 048 630.1	22.3	16.2	
14/08/2022	18:08:37	ST067	Still	210761_ST067_07	01689	409 441.6	6 048 628.4	409 457.3	6 048 631.8	21.9	16.1	
14/08/2022	18:08:41	ST067	Still	210761_ST067_08	01690	409 441.6	6 048 628.4	409 457.3	6 048 633.7	21.8	16.6	
14/08/2022	18:08:46	ST067	Still	210761_ST067_09	01691	409 441.6	6 048 628.4	409 456.2	6 048 633.2	-	15.4	
14/08/2022	18:08:56	ST067	Still	210761_ST067_10	01692	409 441.6	6 048 628.4	409 452.7	6 048 644.1	22.4	19.3	
14/08/2022	18:09:00	ST067	Still	210761_ST067_11	01693	409 441.6	6 048 628.4	409 451.2	6 048 644.0	21.8	18.4	
14/08/2022	18:09:04	ST067	Still	210761_ST067_12	01694	409 441.6	6 048 628.4	409 450.1	6 048 646.7	22.3	20.2	
14/08/2022	18:09:10	ST067	Still	210761_ST067_13	01695	409 441.6	6 048 628.4	409 448.9	6 048 649.4	21.9	22.3	
14/08/2022	18:09:14	ST067	Still	210761_ST067_14	01696	409 441.6	6 048 628.4	409 449.9	6 048 649.9	20.9	23.1	
14/08/2022	18:09:18	ST067	Still	210761_ST067_15	01697	409 441.6	6 048 628.4	409 447.4	6 048 652.0	21.6	24.4	
14/08/2022	18:09:23	ST067	Still	210761_ST067_16	01698	409 441.6	6 048 628.4	409 445.9	6 048 656.2	21.6	28.2	
14/08/2022	18:09:30	ST067	Still	210761_ST067_17	01699	409 441.6	6 048 628.4	409 443.1	6 048 659.5	21.7	31.2	
14/08/2022	18:10:04	ST067	Still	210761_ST067_18	01700	409 441.6	6 048 628.4	409 431.7	6 048 677.6	21.8	50.2	
14/08/2022	18:10:12	ST067	Video	EOL	01701	409 441.6	6 048 628.4	409 431.0	6 048 680.3	21.5	53.0	
14/08/2022	18:20:18	ST067	HG	FA/PSDA	01702	409 441.6	6 048 628.4	409 466.9	6 048 616.9	18.0	27.8	
14/08/2022	18:44:14	ST085	Video	SOL	01703	409 441.6	6 051 628.4	409 486.7	6 051 587.4	21.4	61.0	
14/08/2022	18:44:27	ST085	Still	210761_ST085_01	01704	409 441.6	6 051 628.4	409 477.9	6 051 594.6	21.8	49.6	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
14/08/2022	18:44:51	ST085	Still	210761_ST085_02	01705	409 441.6	6 051 628.4	409 468.2	6 051 611.1	21.1	31.7	
14/08/2022	18:45:02	ST085	Still	210761_ST085_03	01706	409 441.6	6 051 628.4	409 464.6	6 051 620.6	21.8	24.3	
14/08/2022	18:45:13	ST085	Still	210761_ST085_04	01707	409 441.6	6 051 628.4	409 462.2	6 051 628.5	21.4	20.6	
14/08/2022	18:45:17	ST085	Still	210761_ST085_05	01708	409 441.6	6 051 628.4	409 461.4	6 051 630.8	21.7	20.0	
14/08/2022	18:45:33	ST085	Still	210761_ST085_06	01709	409 441.6	6 051 628.4	409 455.9	6 051 641.9	22.0	19.7	
14/08/2022	18:45:43	ST085	Still	210761_ST085_07	01710	409 441.6	6 051 628.4	409 455.9	6 051 649.7	21.4	25.7	
14/08/2022	18:45:47	ST085	Still	210761_ST085_08	01711	409 441.6	6 051 628.4	409 454.5	6 051 651.7	21.8	26.7	
14/08/2022	18:45:59	ST085	Still	210761_ST085_09	01712	409 441.6	6 051 628.4	409 452.0	6 051 659.8	21.6	33.1	
14/08/2022	18:46:03	ST085	Still	210761_ST085_10	01713	409 441.6	6 051 628.4	409 451.7	6 051 661.7	21.3	34.8	
14/08/2022	18:46:18	ST085	Still	210761_ST085_11	01714	409 441.6	6 051 628.4	409 451.7	6 051 674.7	22.1	47.4	
14/08/2022	18:46:22	ST085	Still	210761_ST085_12	01715	409 441.6	6 051 628.4	409 450.2	6 051 676.5	21.3	48.9	
14/08/2022	18:46:25	ST085	Still	210761_ST085_13	01716	409 441.6	6 051 628.4	409 450.3	6 051 677.9	21.3	50.3	
14/08/2022	18:46:30	ST085	Still	210761_ST085_14	01717	409 441.6	6 051 628.4	409 449.8	6 051 681.5	21.6	53.8	
14/08/2022	18:46:35	ST085	Still	210761_ST085_15	01718	409 441.6	6 051 628.4	409 448.3	6 051 683.4	21.9	55.5	
14/08/2022	18:46:45	ST085	Video	EOL	01719	409 441.6	6 051 628.4	409 450.4	6 051 690.6	21.1	62.9	
14/08/2022	18:55:11	ST085	HG	FA/PSDA	01720	409 441.6	6 051 628.4	409 468.3	6 051 600.9	18.0	38.3	
14/08/2022	19:00:49	ST085	DG	CA	01721	409 441.6	6 051 628.4	409 461.3	6 051 597.2	18.0	36.8	
18/08/2022	12:20:29	ST123	Video	SOL	01722	409 342.5	6 060 321.8	409 340.8	6 060 377.0	25.9	55.2	
18/08/2022	12:21:18	ST123	Still	210761_ST123_01	01723	409 342.5	6 060 321.8	409 348.2	6 060 345.5	26.8	24.3	
18/08/2022	12:21:21	ST123	Still	210761_ST123_02	01724	409 342.5	6 060 321.8	409 346.3	6 060 340.8	27.3	19.4	
18/08/2022	12:21:30	ST123	Still	210761_ST123_03	01725	409 342.5	6 060 321.8	409 349.7	6 060 334.3	26.9	14.4	
18/08/2022	12:21:40	ST123	Still	210761_ST123_04	01726	409 342.5	6 060 321.8	409 347.5	6 060 329.0	26.4	8.7	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
18/08/2022	12:21:49	ST123	Still	210761_ST123_05	01727	409 342.5	6 060 321.8	409 345.8	6 060 322.0	26.6	3.2	
18/08/2022	12:22:02	ST123	Still	210761_ST123_06	01728	409 342.5	6 060 321.8	409 344.9	6 060 313.2	26.5	8.9	
18/08/2022	12:22:13	ST123	Still	210761_ST123_07	01729	409 342.5	6 060 321.8	409 345.9	6 060 304.4	26.9	17.7	
18/08/2022	12:22:26	ST123	Still	210761_ST123_08	01730	409 342.5	6 060 321.8	409 345.3	6 060 295.3	26.8	26.7	
18/08/2022	12:22:44	ST123	Still	210761_ST123_09	01731	409 342.5	6 060 321.8	409 343.1	6 060 282.3	26.5	39.5	
18/08/2022	12:22:57	ST123	Still	210761_ST123_10	01732	409 342.5	6 060 321.8	409 342.5	6 060 273.0	26.6	48.8	
18/08/2022	12:23:03	ST123	Still	210761_ST123_11	01733	409 342.5	6 060 321.8	409 345.2	6 060 270.9	26.2	50.9	
18/08/2022	12:23:13	ST123	Video	EOL	01734	409 342.5	6 060 321.8	409 341.9	6 060 262.8	26.1	59.0	
18/08/2022	12:37:13	ST123	HG	NS	01735	409 342.5	6 060 321.8	409 351.4	6 060 306.4	27.2	17.8	
18/08/2022	12:44:01	ST123	HG	NS	01736	409 342.5	6 060 321.8	409 353.6	6 060 329.3	25.3	13.3	
18/08/2022	12:51:01	ST123	HG	FA/PSDA	01737	409 342.5	6 060 321.8	409 339.8	6 060 329.3	25.4	8.0	
18/08/2022	13:17:49	ST113	Video	SOL	01738	409 441.6	6 057 628.4	409 383.4	6 057 673.5	16.2	73.6	
18/08/2022	13:18:29	ST113	Still	210761_ST113_01	01739	409 441.6	6 057 628.4	409 408.5	6 057 665.4	-	49.6	
18/08/2022	13:18:39	ST113	Still	210761_ST113_02	01740	409 441.6	6 057 628.4	409 413.4	6 057 659.9	-	42.3	
18/08/2022	13:18:46	ST113	Still	210761_ST113_03	01741	409 441.6	6 057 628.4	409 417.6	6 057 661.0	-	40.5	
18/08/2022	13:18:58	ST113	Still	210761_ST113_04	01742	409 441.6	6 057 628.4	409 432.7	6 057 661.2	-	34.0	
18/08/2022	13:19:06	ST113	Still	210761_ST113_05	01743	409 441.6	6 057 628.4	409 437.4	6 057 628.7	-	4.1	
18/08/2022	13:19:19	ST113	Still	210761_ST113_06	01744	409 441.6	6 057 628.4	409 436.3	6 057 658.7	-	30.8	
18/08/2022	13:19:41	ST113	Still	210761_ST113_07	01745	409 441.6	6 057 628.4	409 442.9	6 057 651.9	-	23.5	
18/08/2022	13:20:03	ST113	Still	210761_ST113_08	01746	409 441.6	6 057 628.4	409 444.3	6 057 637.9	-	10.0	
18/08/2022	13:20:10	ST113	Still	210761_ST113_09	01747	409 441.6	6 057 628.4	409 444.4	6 057 635.6	-	7.8	
18/08/2022	13:20:14	ST113	Still	210761_ST113_10	01748	409 441.6	6 057 628.4	409 444.5	6 057 637.5	-	9.6	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
18/08/2022	13:20:29	ST113	Still	210761_ST113_11	01749	409 441.6	6 057 628.4	409 442.8	6 057 626.6	-	2.2	
18/08/2022	13:20:40	ST113	Still	210761_ST113_12	01750	409 441.6	6 057 628.4	409 442.8	6 057 625.7	-	3.0	
18/08/2022	13:20:53	ST113	Still	210761_ST113_13	01751	409 441.6	6 057 628.4	409 438.8	6 057 615.4	-	13.3	
18/08/2022	13:21:07	ST113	Still	210761_ST113_14	01752	409 441.6	6 057 628.4	409 438.5	6 057 610.5	-	18.2	
18/08/2022	13:21:19	ST113	Still	210761_ST113_15	01753	409 441.6	6 057 628.4	409 439.2	6 057 600.4	-	28.1	
18/08/2022	13:21:37	ST113	Still	210761_ST113_16	01754	409 441.6	6 057 628.4	409 435.7	6 057 590.5	-	38.3	
18/08/2022	13:21:50	ST113	Still	210761_ST113_17	01755	409 441.6	6 057 628.4	409 431.3	6 057 587.1	-	42.5	
18/08/2022	13:21:58	ST113	Still	210761_ST113_18	01756	409 441.6	6 057 628.4	409 433.1	6 057 583.8	-	45.4	
18/08/2022	13:22:11	ST113	Video	EOL	01757	409 441.6	6 057 628.4	409 433.2	6 057 574.6	16.7	54.4	
18/08/2022	13:28:19	ST113	HG	FA/PSDA	01758	409 441.6	6 057 628.4	409 425.7	6 057 654.1	14.8	30.2	
18/08/2022	13:36:41	ST113	DG	CA	01759	409 441.6	6 057 628.4	409 410.6	6 057 609.3	16.4	36.4	
18/08/2022	14:05:41	ST101	Video	SOL	01760	409 441.6	6 054 628.4	409 416.2	6 054 675.4	18.5	53.5	
18/08/2022	14:06:15	ST101	Still	210761_ST101_01	01761	409 441.6	6 054 628.4	409 420.6	6 054 651.2	-	31.0	
18/08/2022	14:06:19	ST101	Still	210761_ST101_02	01762	409 441.6	6 054 628.4	409 423.3	6 054 650.6	-	28.7	
18/08/2022	14:06:26	ST101	Still	210761_ST101_03	01763	409 441.6	6 054 628.4	409 423.3	6 054 645.9	-	25.3	
18/08/2022	14:06:31	ST101	Still	210761_ST101_04	01764	409 441.6	6 054 628.4	409 423.8	6 054 644.1	-	23.8	
18/08/2022	14:06:39	ST101	Still	210761_ST101_05	01765	409 441.6	6 054 628.4	409 424.4	6 054 643.4	-	22.8	
18/08/2022	14:06:44	ST101	Still	210761_ST101_06	01766	409 441.6	6 054 628.4	409 430.7	6 054 641.6	-	17.2	
18/08/2022	14:06:52	ST101	Still	210761_ST101_07	01767	409 441.6	6 054 628.4	409 426.2	6 054 637.2	-	17.8	
18/08/2022	14:07:08	ST101	Still	210761_ST101_08	01768	409 441.6	6 054 628.4	409 437.2	6 054 633.4	-	6.7	
18/08/2022	14:07:13	ST101	Still	210761_ST101_09	01769	409 441.6	6 054 628.4	409 438.5	6 054 630.0	-	3.5	
18/08/2022	14:07:22	ST101	Still	210761_ST101_10	01770	409 441.6	6 054 628.4	409 444.9	6 054 628.9	-	3.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
18/08/2022	14:07:30	ST101	Still	210761_ST101_11	01771	409 441.6	6 054 628.4	409 448.3	6 054 625.8	-	7.2	
18/08/2022	14:07:36	ST101	Still	210761_ST101_12	01772	409 441.6	6 054 628.4	409 452.8	6 054 623.3	-	12.3	
18/08/2022	14:07:48	ST101	Still	210761_ST101_13	01773	409 441.6	6 054 628.4	409 454.3	6 054 618.3	-	16.2	
18/08/2022	14:08:05	ST101	Still	210761_ST101_14	01774	409 441.6	6 054 628.4	409 460.0	6 054 614.8	-	22.9	
18/08/2022	14:08:28	ST101	Still	210761_ST101_15	01775	409 441.6	6 054 628.4	409 465.6	6 054 613.1	-	28.4	
18/08/2022	14:08:44	ST101	Still	210761_ST101_16	01776	409 441.6	6 054 628.4	409 464.0	6 054 602.4	-	34.4	
18/08/2022	14:08:56	ST101	Still	210761_ST101_17	01777	409 441.6	6 054 628.4	409 463.2	6 054 597.2	-	38.0	
18/08/2022	14:09:12	ST101	Still	210761_ST101_18	01778	409 441.6	6 054 628.4	409 466.0	6 054 586.0	-	48.9	
18/08/2022	14:09:25	ST101	Video	EOL	01779	409 441.6	6 054 628.4	409 466.9	6 054 581.8	18.7	53.0	
18/08/2022	14:14:47	ST101	HG	FA/PSDA	01780	409 441.6	6 054 628.4	409 417.7	6 054 634.0	17.3	24.5	
18/08/2022	14:44:59	ST114	HG	FA/PSDA	01781	412 441.6	6 057 628.4	412 435.6	6 057 631.3	18.6	6.6	
18/08/2022	15:09:07	ST102	HG	FA/PSDA	01782	412 441.6	6 054 628.4	412 410.1	6 054 632.2	23.4	31.7	
18/08/2022	15:29:00	ST086	HG	FA/PSDA	01783	412 441.6	6 051 628.4	412 416.9	6 051 645.5	17.7	30.0	
18/08/2022	15:53:32	ST068	HG	FA/PSDA	01784	412 441.6	6 048 628.4	412 428.0	6 048 622.6	18.6	14.7	
18/08/2022	16:58:18	ST052	Video	SOL	01785	412 655.5	6 046 158.3	412 630.8	6 046 233.7	18.0	79.4	
18/08/2022	16:58:44	ST052	Still	210761_ST052_01	01786	412 655.5	6 046 158.3	412 633.6	6 046 220.8	-	66.3	
18/08/2022	16:59:02	ST052	Still	210761_ST052_02	01787	412 655.5	6 046 158.3	412 639.6	6 046 214.0	-	58.0	
18/08/2022	16:59:15	ST052	Still	210761_ST052_03	01788	412 655.5	6 046 158.3	412 640.8	6 046 205.9	-	49.9	
18/08/2022	16:59:22	ST052	Still	210761_ST052_04	01789	412 655.5	6 046 158.3	412 641.2	6 046 205.6	-	49.5	
18/08/2022	16:59:48	ST052	Still	210761_ST052_05	01791	412 655.5	6 046 158.3	412 637.8	6 046 187.4	-	34.1	
18/08/2022	17:00:00	ST052	Still	210761_ST052_06	01792	412 655.5	6 046 158.3	412 642.5	6 046 183.0	-	27.9	
18/08/2022	17:00:09	ST052	Still	210761_ST052_07	01793	412 655.5	6 046 158.3	412 639.5	6 046 179.2	-	26.3	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
18/08/2022	17:00:19	ST052	Still	210761_ST052_08	01794	412 655.5	6 046 158.3	412 643.4	6 046 175.1	-	20.7	
18/08/2022	17:00:34	ST052	Still	210761_ST052_09	01795	412 655.5	6 046 158.3	412 642.8	6 046 166.6	-	15.2	
18/08/2022	17:00:55	ST052	Still	210761_ST052_10	01796	412 655.5	6 046 158.3	412 646.5	6 046 161.3	-	9.6	
18/08/2022	17:01:03	ST052	Still	210761_ST052_11	01797	412 655.5	6 046 158.3	412 655.4	6 046 156.5	-	1.8	
18/08/2022	17:01:34	ST052	Still	210761_ST052_12	01798	412 655.5	6 046 158.3	412 666.1	6 046 153.4	-	11.6	
18/08/2022	17:01:54	ST052	Still	210761_ST052_13	01799	412 655.5	6 046 158.3	412 674.6	6 046 146.5	-	22.4	
18/08/2022	17:02:15	ST052	Still	210761_ST052_14	01800	412 655.5	6 046 158.3	412 680.0	6 046 134.8	-	33.9	
18/08/2022	17:02:21	ST052	Still	210761_ST052_15	01801	412 655.5	6 046 158.3	412 683.1	6 046 132.5	-	37.7	
18/08/2022	17:02:31	ST052	Still	210761_ST052_16	01802	412 655.5	6 046 158.3	412 686.1	6 046 127.2	-	43.5	
18/08/2022	17:02:51	ST052	Video	EOL	01803	412 655.5	6 046 158.3	412 691.1	6 046 115.2	18.2	55.8	
18/08/2022	17:12:16	ST052	HG	NS	01804	412 655.5	6 046 158.3	412 613.8	6 046 173.6	14.4	44.5	
18/08/2022	17:18:35	ST052	HG	NS	01805	412 655.5	6 046 158.3	412 644.8	6 046 158.9	19.5	10.8	
18/08/2022	17:25:15	ST052	HG	FA/PSDA	01806	412 655.5	6 046 158.3	412 628.8	6 046 190.6	19.8	42.0	
18/08/2022	17:54:19	ST039	HG	FA/PSDA	01807	412 441.6	6 042 628.4	412 404.7	6 042 634.4	19.1	37.4	
18/08/2022	18:13:22	ST132	Video	SOL	01808	413 431.5	6 041 528.4	413 412.1	6 041 582.2	17.5	57.2	
18/08/2022	18:13:50	ST132	Still	210761_ST132_01	01809	413 431.5	6 041 528.4	413 416.3	6 041 564.4	17.2	39.1	
18/08/2022	18:13:58	ST132	Still	210761_ST132_02	01810	413 431.5	6 041 528.4	413 417.8	6 041 560.5	17.4	34.9	
18/08/2022	18:14:05	ST132	Still	210761_ST132_03	01811	413 431.5	6 041 528.4	413 421.9	6 041 558.6	17.2	31.7	
18/08/2022	18:14:11	ST132	Still	210761_ST132_04	01812	413 431.5	6 041 528.4	413 422.8	6 041 556.4	16.5	29.3	
18/08/2022	18:14:45	ST132	Still	210761_ST132_05	01813	413 431.5	6 041 528.4	413 453.9	6 041 553.5	16.8	33.7	
18/08/2022	18:14:49	ST132	Video	EOL	01814	413 431.5	6 041 528.4	413 458.0	6 041 555.2	17.1	37.7	
18/08/2022	18:17:11	ST132A	Video	SOL	01815	413 431.5	6 041 528.4	413 496.0	6 041 535.1	17.9	64.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
18/08/2022	18:17:27	ST132A	Still	210761_ST132A_01	01816	413 431.5	6 041 528.4	413 472.2	6 041 541.0	-	42.6	
18/08/2022	18:17:34	ST132A	Still	210761_ST132A_02	01817	413 431.5	6 041 528.4	413 468.8	6 041 544.8	-	40.7	
18/08/2022	18:17:43	ST132A	Still	210761_ST132A_03	01818	413 431.5	6 041 528.4	413 454.2	6 041 547.2	17.9	29.5	
18/08/2022	18:17:55	ST132A	Still	210761_ST132A_04	01819	413 431.5	6 041 528.4	413 442.0	6 041 549.5	-	23.6	
18/08/2022	18:18:05	ST132A	Video	EOL	01820	413 431.5	6 041 528.4	413 431.1	6 041 551.4	17.6	23.0	
18/08/2022	18:23:33	ST132B	Video	SOL	01821	413 431.5	6 041 528.4	413 405.1	6 041 569.1	16.0	48.6	
18/08/2022	18:23:40	ST132B	Still	210761_ST132B_01	01822	413 431.5	6 041 528.4	413 409.1	6 041 565.3	-	43.2	
18/08/2022	18:23:48	ST132B	Still	210761_ST132B_02	01823	413 431.5	6 041 528.4	413 415.9	6 041 562.0	-	37.1	
18/08/2022	18:24:00	ST132B	Still	210761_ST132B_03	01824	413 431.5	6 041 528.4	413 420.0	6 041 553.1	-	27.2	
18/08/2022	18:24:10	ST132B	Still	210761_ST132B_04	01825	413 431.5	6 041 528.4	413 427.0	6 041 546.4	-	18.6	
18/08/2022	18:24:28	ST132B	Still	210761_ST132B_05	01826	413 431.5	6 041 528.4	413 441.1	6 041 535.6	-	12.0	
18/08/2022	18:24:35	ST132B	Still	210761_ST132B_06	01827	413 431.5	6 041 528.4	413 445.7	6 041 529.6	-	14.3	
18/08/2022	18:24:48	ST132B	Still	210761_ST132B_07	01828	413 431.5	6 041 528.4	413 456.8	6 041 523.6	-	25.8	
18/08/2022	18:24:54	ST132B	Still	210761_ST132B_08	01829	413 431.5	6 041 528.4	413 465.7	6 041 522.0	-	34.8	
18/08/2022	18:25:01	ST132B	Still	210761_ST132B_09	01830	413 431.5	6 041 528.4	413 465.6	6 041 516.4	-	36.1	
18/08/2022	18:25:08	ST132B	Still	210761_ST132B_10	01831	413 431.5	6 041 528.4	413 471.0	6 041 513.0	-	42.4	
18/08/2022	18:25:21	ST132B	Still	210761_ST132B_11	01832	413 431.5	6 041 528.4	413 480.7	6 041 507.8	-	53.4	
18/08/2022	18:25:50	ST132B	Still	210761_ST132B_12	01833	413 431.5	6 041 528.4	413 498.6	6 041 503.2	-	71.7	
18/08/2022	18:25:57	ST132B	Video	EOL	01834	413 431.5	6 041 528.4	413 499.9	6 041 500.2	15.9	74.0	
18/08/2022	18:36:28	ST132	HG	FA/PSDA	01835	413 431.5	6 041 528.4	413 454.2	6 041 548.0	15.9	30.0	
19/08/2022	02:02:51	ST040	HG	FA/PSDA	01836	415 441.6	6 042 628.4	415 433.0	6 042 609.6	20.7	20.6	
19/08/2022	02:13:48	ST040	DG	CA	01837	415 441.6	6 042 628.4	415 425.1	6 042 639.1	21.0	19.6	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
19/08/2022	02:44:30	ST053	HG	FA/PSDA	01838	415 441.6	6 045 628.4	415 450.3	6 045 619.1	17.9	12.7	
19/08/2022	04:14:58	ST069	HG	FA/PSDA	01839	415 441.6	6 048 628.4	415 498.6	6 048 641.5	17.9	58.5	
19/08/2022	04:15:33	ST069	Video	SOL	01840	415 441.6	6 048 628.4	415 486.6	6 048 629.1	-	45.0	
19/08/2022	04:15:43	ST069	Still	210761_ST069_01	01841	415 441.6	6 048 628.4	415 483.1	6 048 625.9	-	41.6	
19/08/2022	04:16:53	ST069	Still	210761_ST069_02	01842	415 441.6	6 048 628.4	415 428.7	6 048 650.2	19.2	25.3	
19/08/2022	04:17:00	ST069	Still	210761_ST069_03	01843	415 441.6	6 048 628.4	415 424.6	6 048 650.9	19.2	28.2	
19/08/2022	04:17:07	ST069	Still	210761_ST069_04	01844	415 441.6	6 048 628.4	415 423.7	6 048 651.4	-	29.1	
19/08/2022	04:20:31	ST069	Video	EOL	01845	415 441.6	6 048 628.4	415 403.7	6 048 676.8	19.3	61.5	
19/08/2022	04:20:38	ST069	Video	SOL	01846	415 441.6	6 048 628.4	415 412.1	6 048 676.6	17.6	56.6	
19/08/2022	04:20:52	ST069A	Still	210761_ST069A_01	01847	415 441.6	6 048 628.4	415 426.0	6 048 669.3	-	43.8	
19/08/2022	04:20:57	ST069A	Still	210761_ST069A_02	01848	415 441.6	6 048 628.4	415 428.7	6 048 665.1	-	38.9	
19/08/2022	04:21:34	ST069A	Still	210761_ST069A_03	01849	415 441.6	6 048 628.4	415 461.1	6 048 638.7	-	22.1	
19/08/2022	04:21:38	ST069A	Still	210761_ST069A_04	01850	415 441.6	6 048 628.4	415 462.9	6 048 638.5	-	23.6	
19/08/2022	04:21:43	ST069A	Still	210761_ST069A_05	01851	415 441.6	6 048 628.4	415 467.5	6 048 634.8	-	26.7	
19/08/2022	04:21:46	ST069A	Still	210761_ST069A_06	01852	415 441.6	6 048 628.4	415 469.4	6 048 631.5	-	28.0	
19/08/2022	04:21:55	ST069A	Still	210761_ST069A_07	01853	415 441.6	6 048 628.4	415 474.4	6 048 626.7	-	32.9	
19/08/2022	04:22:04	ST069A	Still	210761_ST069A_08	01854	415 441.6	6 048 628.4	415 479.3	6 048 621.6	-	38.3	
19/08/2022	04:22:08	ST069A	Still	210761_ST069A_09	01855	415 441.6	6 048 628.4	415 482.1	6 048 617.8	-	41.9	
19/08/2022	04:22:16	ST069A	Still	210761_ST069A_10	01856	415 441.6	6 048 628.4	415 487.5	6 048 610.5	-	49.3	
19/08/2022	04:22:31	ST069A	Still	210761_ST069A_11	01857	415 441.6	6 048 628.4	415 494.6	6 048 598.0	-	61.1	
19/08/2022	04:22:42	ST069	Video	EOL	01858	415 441.6	6 048 628.4	415 497.7	6 048 596.1	18.4	64.8	
19/08/2022	04:30:47	ST069	HG	FA/PSDA	01859	415 441.6	6 048 628.4	415 463.3	6 048 599.1	18.3	36.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
19/08/2022	04:37:24	ST069	DG	CA	01860	415 441.6	6 048 628.4	415 462.0	6 048 605.3	19.3	30.8	
19/08/2022	05:19:24	ST087	Video	SOL	01861	415 441.6	6 051 628.4	415 504.0	6 051 611.1	18.7	64.8	
19/08/2022	05:19:49	ST087	Still	210761_ST087_01	01862	415 441.6	6 051 628.4	415 484.3	6 051 619.8	-	43.5	
19/08/2022	05:19:56	ST087	Still	210761_ST087_02	01863	415 441.6	6 051 628.4	415 478.0	6 051 619.5	-	37.5	
19/08/2022	05:20:02	ST087	Still	210761_ST087_03	01864	415 441.6	6 051 628.4	415 473.2	6 051 620.2	-	32.7	
19/08/2022	05:20:21	ST087	Still	210761_ST087_04	01865	415 441.6	6 051 628.4	415 461.5	6 051 625.8	-	20.1	
19/08/2022	05:20:26	ST087	Still	210761_ST087_05	01866	415 441.6	6 051 628.4	415 457.2	6 051 629.6	-	15.7	
19/08/2022	05:20:35	ST087	Still	210761_ST087_06	01867	415 441.6	6 051 628.4	415 452.5	6 051 629.6	-	11.0	
19/08/2022	05:20:43	ST087	Still	210761_ST087_07	01868	415 441.6	6 051 628.4	415 446.0	6 051 631.2	-	5.3	
19/08/2022	05:20:52	ST087	Still	210761_ST087_08	01869	415 441.6	6 051 628.4	415 441.9	6 051 633.5	-	5.2	
19/08/2022	05:21:06	ST087	Still	210761_ST087_09	01870	415 441.6	6 051 628.4	415 430.4	6 051 632.7	-	12.0	
19/08/2022	05:21:18	ST087	Still	210761_ST087_10	01871	415 441.6	6 051 628.4	415 424.1	6 051 637.1	-	19.5	
19/08/2022	05:21:32	ST087	Still	210761_ST087_11	01872	415 441.6	6 051 628.4	415 413.6	6 051 641.6	-	31.0	
19/08/2022	05:21:45	ST087	Still	210761_ST087_12	01873	415 441.6	6 051 628.4	415 407.4	6 051 644.0	-	37.6	
19/08/2022	05:22:07	ST087	Still	210761_ST087_13	01874	415 441.6	6 051 628.4	415 393.4	6 051 656.4	-	55.7	
19/08/2022	05:22:18	ST087	Video	EOL	01875	415 441.6	6 051 628.4	415 387.4	6 051 658.1	20.2	61.8	
19/08/2022	05:28:57	ST087	HG	FA/PSDA	01876	415 441.6	6 051 628.4	415 444.8	6 051 638.1	19.9	10.2	
19/08/2022	05:54:41	ST103	Video	SOL	01877	415 441.6	6 054 628.4	415 500.8	6 054 629.8	21.9	59.3	
19/08/2022	05:55:05	ST103	Still	210761_ST103_01	01878	415 441.6	6 054 628.4	415 483.5	6 054 623.8	22.1	42.1	
19/08/2022	05:55:13	ST103	Still	210761_ST103_02	01879	415 441.6	6 054 628.4	415 477.0	6 054 622.1	22.5	36.0	
19/08/2022	05:55:22	ST103	Still	210761_ST103_03	01880	415 441.6	6 054 628.4	415 473.4	6 054 618.2	22.8	33.4	
19/08/2022	05:55:31	ST103	Still	210761_ST103_04	01881	415 441.6	6 054 628.4	415 468.3	6 054 620.4	22.7	27.9	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
19/08/2022	05:55:41	ST103	Still	210761_ST103_05	01882	415 441.6	6 054 628.4	415 462.6	6 054 617.2	22.6	23.8	
19/08/2022	05:56:02	ST103	Still	210761_ST103_06	01883	415 441.6	6 054 628.4	415 450.5	6 054 620.0	22.7	12.2	
19/08/2022	05:56:22	ST103	Still	210761_ST103_07	01884	415 441.6	6 054 628.4	415 436.5	6 054 621.4	22.5	8.6	
19/08/2022	05:56:39	ST103	Still	210761_ST103_08	01885	415 441.6	6 054 628.4	415 423.0	6 054 625.7	23.2	18.8	
19/08/2022	05:57:01	ST103	Still	210761_ST103_09	01886	415 441.6	6 054 628.4	415 410.0	6 054 627.0	23.8	31.6	
19/08/2022	05:57:28	ST103	Still	210761_ST103_10	01887	415 441.6	6 054 628.4	415 392.2	6 054 626.2	23.7	49.4	
19/08/2022	05:57:50	ST103	Video	EOL	01888	415 441.6	6 054 628.4	415 383.3	6 054 628.0	23.9	58.2	
19/08/2022	06:03:51	ST103	HG	FA/PSDA	01889	415 441.6	6 054 628.4	415 469.0	6 054 596.7	25.3	41.9	
19/08/2022	06:13:21	ST103	DG	CA	01890	415 441.6	6 054 628.4	415 435.3	6 054 645.8	22.0	18.6	
19/08/2022	07:13:24	ST115	Video	SOL	01891	415 441.6	6 057 628.4	415 489.4	6 057 560.6	19.8	82.9	
19/08/2022	07:13:39	ST115	Still	210761_ST115_01	01892	415 441.6	6 057 628.4	415 479.2	6 057 567.6	21.1	71.5	
19/08/2022	07:13:49	ST115	Still	210761_ST115_02	01893	415 441.6	6 057 628.4	415 474.8	6 057 573.3	21.0	64.3	
19/08/2022	07:14:15	ST115	Still	210761_ST115_03	01894	415 441.6	6 057 628.4	415 461.3	6 057 585.9	21.7	46.8	
19/08/2022	07:14:36	ST115	Still	210761_ST115_04	01895	415 441.6	6 057 628.4	415 461.5	6 057 600.4	21.2	34.3	
19/08/2022	07:14:56	ST115	Still	210761_ST115_05	01896	415 441.6	6 057 628.4	415 457.8	6 057 613.1	21.1	22.3	
19/08/2022	07:15:08	ST115	Still	210761_ST115_06	01897	415 441.6	6 057 628.4	415 454.2	6 057 620.9	21.1	14.7	
19/08/2022	07:15:28	ST115	Still	210761_ST115_07	01898	415 441.6	6 057 628.4	415 450.4	6 057 634.0	21.7	10.4	
19/08/2022	07:15:54	ST115	Still	210761_ST115_08	01899	415 441.6	6 057 628.4	415 448.6	6 057 647.5	20.8	20.4	
19/08/2022	07:16:15	ST115	Still	210761_ST115_09	01900	415 441.6	6 057 628.4	415 448.8	6 057 662.5	-	34.9	
19/08/2022	07:16:42	ST115	Still	210761_ST115_10	01901	415 441.6	6 057 628.4	415 455.0	6 057 676.6	19.8	50.1	
19/08/2022	07:17:04	ST115	Video	EOL	01902	415 441.6	6 057 628.4	415 455.5	6 057 686.7	19.3	60.0	
19/08/2022	07:24:21	ST115	HG	FA/PSDA	01903	415 441.6	6 057 628.4	415 455.6	6 057 593.4	20.6	37.6	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
19/08/2022	07:53:56	ST104	Video	SOL	01904	418 441.6	6 054 628.4	418 503.9	6 054 617.5	21.2	63.3	
19/08/2022	07:54:23	ST104	Still	210761_ST104_01	01905	418 441.6	6 054 628.4	418 484.6	6 054 602.3	21.5	50.3	
19/08/2022	07:54:37	ST104	Still	210761_ST104_02	01906	418 441.6	6 054 628.4	418 477.8	6 054 600.7	21.7	45.6	
19/08/2022	07:54:57	ST104	Still	210761_ST104_03	01907	418 441.6	6 054 628.4	418 464.0	6 054 607.6	22.4	30.6	
19/08/2022	07:55:22	ST104	Still	210761_ST104_04	01908	418 441.6	6 054 628.4	418 451.3	6 054 617.1	21.9	14.9	
19/08/2022	07:55:40	ST104	Still	210761_ST104_05	01909	418 441.6	6 054 628.4	418 445.8	6 054 626.5	21.0	4.7	
19/08/2022	07:55:52	ST104	Still	210761_ST104_06	01910	418 441.6	6 054 628.4	418 441.3	6 054 633.3	21.9	5.0	
19/08/2022	07:56:03	ST104	Still	210761_ST104_07	01911	418 441.6	6 054 628.4	418 438.5	6 054 637.7	-	9.8	
19/08/2022	07:56:31	ST104	Still	210761_ST104_08	01912	418 441.6	6 054 628.4	418 423.6	6 054 651.8	22.4	29.6	
19/08/2022	07:56:58	ST104	Still	210761_ST104_09	01913	418 441.6	6 054 628.4	418 417.0	6 054 662.3	21.8	41.9	
19/08/2022	07:57:16	ST104	Still	210761_ST104_10	01914	418 441.6	6 054 628.4	418 409.0	6 054 667.7	21.9	51.1	
19/08/2022	07:57:37	ST104	Video	EOL	01915	418 441.6	6 054 628.4	418 406.2	6 054 676.3	20.8	59.6	
19/08/2022	08:02:52	ST104	HG	FA/PSDA	01916	418 441.6	6 054 628.4	418 452.7	6 054 584.9	20.8	44.9	
19/08/2022	08:26:44	ST105	Video	SOL	01917	421 441.6	6 054 628.4	421 490.2	6 054 576.6	22.3	71.1	
19/08/2022	08:27:03	ST105	Still	210761_ST105_01	01918	421 441.6	6 054 628.4	421 494.3	6 054 590.1	23.8	65.1	
19/08/2022	08:27:17	ST105	Still	210761_ST105_02	01919	421 441.6	6 054 628.4	421 489.8	6 054 600.3	22.9	55.8	
19/08/2022	08:27:27	ST105	Still	210761_ST105_03	01920	421 441.6	6 054 628.4	421 487.0	6 054 602.2	22.3	52.5	
19/08/2022	08:27:42	ST105	Still	210761_ST105_04	01921	421 441.6	6 054 628.4	421 476.8	6 054 610.9	22.8	39.3	
19/08/2022	08:27:53	ST105	Still	210761_ST105_05	01922	421 441.6	6 054 628.4	421 475.7	6 054 615.3	-	36.6	
19/08/2022	08:28:01	ST105	Still	210761_ST105_06	01923	421 441.6	6 054 628.4	421 468.6	6 054 615.8	22.3	29.8	
19/08/2022	08:28:35	ST105	Still	210761_ST105_07	01924	421 441.6	6 054 628.4	421 448.3	6 054 625.1	-	7.5	
19/08/2022	08:28:56	ST105	Still	210761_ST105_08	01925	421 441.6	6 054 628.4	421 440.5	6 054 627.5	22.4	1.4	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
19/08/2022	08:29:41	ST105	Still	210761_ST105_09	01926	421 441.6	6 054 628.4	421 422.3	6 054 632.1	23.3	19.6	
19/08/2022	08:30:06	ST105	Still	210761_ST105_10	01927	421 441.6	6 054 628.4	421 412.9	6 054 633.4	23.4	29.1	
19/08/2022	08:30:39	ST105	Still	210761_ST105_11	01928	421 441.6	6 054 628.4	421 399.8	6 054 643.9	23.1	44.6	
19/08/2022	08:31:10	ST105	Video	EOL	01929	421 441.6	6 054 628.4	421 385.7	6 054 653.7	23.5	61.4	
19/08/2022	08:37:00	ST105	HG	FA/PSDA	01930	421 441.6	6 054 628.4	421 461.4	6 054 582.7	22.7	49.8	
19/08/2022	08:48:43	ST105	DG	CA	01931	421 441.6	6 054 628.4	421 422.2	6 054 610.8	22.4	26.2	
19/08/2022	09:17:33	ST089	Video	SOL	01932	421 441.6	6 051 628.4	421 476.2	6 051 570.9	22.2	67.1	
19/08/2022	09:17:46	ST089	Still	210761_ST089_01	01933	421 441.6	6 051 628.4	421 473.7	6 051 578.2	22.1	59.5	
19/08/2022	09:17:56	ST089	Still	210761_ST089_02	01934	421 441.6	6 051 628.4	421 470.9	6 051 581.5	22.4	55.3	
19/08/2022	09:18:27	ST089	Still	210761_ST089_03	01935	421 441.6	6 051 628.4	421 460.8	6 051 594.8	22.2	38.7	
19/08/2022	09:18:53	ST089	Still	210761_ST089_04	01936	421 441.6	6 051 628.4	421 454.6	6 051 608.2	22.1	24.0	
19/08/2022	09:19:21	ST089	Still	210761_ST089_05	01937	421 441.6	6 051 628.4	421 450.5	6 051 625.4	22.0	9.4	
19/08/2022	09:19:31	ST089	Still	210761_ST089_06	01938	421 441.6	6 051 628.4	421 449.5	6 051 630.5	-	8.2	
19/08/2022	09:19:48	ST089	Still	210761_ST089_07	01939	421 441.6	6 051 628.4	421 445.0	6 051 644.0	22.4	16.0	
19/08/2022	09:20:04	ST089	Still	210761_ST089_08	01940	421 441.6	6 051 628.4	421 443.4	6 051 655.0	22.4	26.7	
19/08/2022	09:20:23	ST089	Still	210761_ST089_09	01941	421 441.6	6 051 628.4	421 441.5	6 051 666.7	22.2	38.3	
19/08/2022	09:20:38	ST089	Still	210761_ST089_10	01942	421 441.6	6 051 628.4	421 439.4	6 051 676.3	22.5	48.0	
19/08/2022	09:21:00	ST089	Video	EOL	01943	421 441.6	6 051 628.4	421 439.0	6 051 686.0	22.7	57.7	
19/08/2022	09:27:16	ST089	HG	FA/PSDA	01944	421 441.6	6 051 628.4	421 418.2	6 051 617.1	21.6	25.9	
19/08/2022	09:54:13	ST088	Video	SOL	01945	418 441.6	6 051 628.4	418 487.0	6 051 593.0	21.6	57.6	
19/08/2022	09:54:31	ST088	Still	210761_ST088_01	01946	418 441.6	6 051 628.4	418 479.6	6 051 600.1	21.6	47.4	
19/08/2022	09:54:41	ST088	Still	210761_ST088_02	01947	418 441.6	6 051 628.4	418 475.8	6 051 603.6	21.4	42.2	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
19/08/2022	09:55:01	ST088	Still	210761_ST088_03	01948	418 441.6	6 051 628.4	418 468.0	6 051 609.3	20.7	32.6	
19/08/2022	09:55:14	ST088	Still	210761_ST088_04	01949	418 441.6	6 051 628.4	418 459.9	6 051 614.8	21.7	22.8	
19/08/2022	09:55:34	ST088	Still	210761_ST088_05	01950	418 441.6	6 051 628.4	418 452.5	6 051 622.5	21.8	12.4	
19/08/2022	09:55:54	ST088	Still	210761_ST088_06	01951	418 441.6	6 051 628.4	418 445.5	6 051 634.7	22.5	7.5	
19/08/2022	09:56:14	ST088	Still	210761_ST088_07	01952	418 441.6	6 051 628.4	418 441.0	6 051 641.5	22.2	13.1	
19/08/2022	09:56:33	ST088	Still	210761_ST088_08	01953	418 441.6	6 051 628.4	418 439.0	6 051 653.4	21.9	25.2	
19/08/2022	09:56:59	ST088	Still	210761_ST088_09	01954	418 441.6	6 051 628.4	418 436.6	6 051 668.3	22.3	40.3	
19/08/2022	09:57:28	ST088	Still	210761_ST088_10	01955	418 441.6	6 051 628.4	418 435.6	6 051 686.9	22.1	58.8	
19/08/2022	09:57:39	ST088	Video	EOL	01956	418 441.6	6 051 628.4	418 437.9	6 051 687.8	21.2	59.5	
19/08/2022	10:03:21	ST088	HG	FA/PSDA	01957	418 441.6	6 051 628.4	418 432.3	6 051 606.7	21.1	23.5	
19/08/2022	10:25:09	ST070	Video	SOL	01958	418 441.6	6 048 628.4	418 478.2	6 048 601.2	21.6	45.6	
19/08/2022	10:25:26	ST070	Still	210761_ST070_01	01959	418 441.6	6 048 628.4	418 475.7	6 048 604.8	21.6	41.4	
19/08/2022	10:25:53	ST070	Still	210761_ST070_02	01960	418 441.6	6 048 628.4	418 467.8	6 048 618.9	21.5	27.9	
19/08/2022	10:26:04	ST070	Still	210761_ST070_03	01961	418 441.6	6 048 628.4	418 463.4	6 048 624.1	22.0	22.2	
19/08/2022	10:26:20	ST070	Still	210761_ST070_04	01962	418 441.6	6 048 628.4	418 457.6	6 048 631.9	21.3	16.4	
19/08/2022	10:26:36	ST070	Still	210761_ST070_05	01963	418 441.6	6 048 628.4	418 448.7	6 048 638.2	-	12.2	
19/08/2022	10:26:53	ST070	Still	210761_ST070_06	01964	418 441.6	6 048 628.4	418 444.4	6 048 644.2	22.0	16.1	
19/08/2022	10:27:10	ST070	Still	210761_ST070_07	01965	418 441.6	6 048 628.4	418 439.8	6 048 652.6	21.8	24.3	
19/08/2022	10:27:33	ST070	Still	210761_ST070_08	01966	418 441.6	6 048 628.4	418 436.4	6 048 663.9	21.7	35.9	
19/08/2022	10:27:46	ST070	Still	210761_ST070_09	01967	418 441.6	6 048 628.4	418 434.5	6 048 672.5	22.1	44.6	
19/08/2022	10:28:03	ST070	Still	210761_ST070_10	01968	418 441.6	6 048 628.4	418 432.6	6 048 681.6	21.3	54.0	
19/08/2022	10:28:21	ST070	Still	210761_ST070_11	01969	418 441.6	6 048 628.4	418 433.8	6 048 694.7	22.0	66.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
19/08/2022	10:28:32	ST070	Video	EOL	01970	418 441.6	6 048 628.4	418 435.4	6 048 697.6	21.2	69.5	
19/08/2022	10:34:36	ST070	HG	FA/PSDA	01971	418 441.6	6 048 628.4	418 436.1	6 048 626.1	21.2	5.9	
19/08/2022	11:17:14	ST071	Video	SOL	01972	421 441.6	6 048 628.4	421 487.4	6 048 595.9	21.1	56.2	
19/08/2022	11:17:29	ST071	Still	210761_ST071_01	01973	421 441.6	6 048 628.4	421 474.7	6 048 602.9	21.8	41.8	
19/08/2022	11:17:35	ST071	Still	210761_ST071_02	01974	421 441.6	6 048 628.4	421 469.8	6 048 603.8	21.6	37.4	
19/08/2022	11:17:40	ST071	Still	210761_ST071_03	01975	421 441.6	6 048 628.4	421 467.8	6 048 606.8	20.8	33.9	
19/08/2022	11:17:44	ST071	Still	210761_ST071_04	01976	421 441.6	6 048 628.4	421 465.4	6 048 608.2	21.5	31.2	
19/08/2022	11:17:50	ST071	Still	210761_ST071_05	01977	421 441.6	6 048 628.4	421 461.5	6 048 609.6	21.4	27.4	
19/08/2022	11:17:57	ST071	Still	210761_ST071_06	01978	421 441.6	6 048 628.4	421 459.3	6 048 611.3	-	24.6	
19/08/2022	11:18:03	ST071	Still	210761_ST071_07	01979	421 441.6	6 048 628.4	421 453.6	6 048 614.0	21.9	18.7	
19/08/2022	11:18:10	ST071	Still	210761_ST071_08	01980	421 441.6	6 048 628.4	421 449.3	6 048 614.8	22.0	15.7	
19/08/2022	11:18:19	ST071	Still	210761_ST071_09	01981	421 441.6	6 048 628.4	421 443.7	6 048 617.4	22.0	11.2	
19/08/2022	11:18:30	ST071	Still	210761_ST071_10	01982	421 441.6	6 048 628.4	421 441.7	6 048 622.1	21.5	6.3	
19/08/2022	11:18:37	ST071	Still	210761_ST071_11	01983	421 441.6	6 048 628.4	421 436.7	6 048 623.7	21.4	6.8	
19/08/2022	11:18:45	ST071	Still	210761_ST071_12	01984	421 441.6	6 048 628.4	421 432.9	6 048 625.5	21.6	9.1	
19/08/2022	11:18:53	ST071	Still	210761_ST071_13	01985	421 441.6	6 048 628.4	421 430.4	6 048 627.9	21.3	11.2	
19/08/2022	11:19:02	ST071	Still	210761_ST071_14	01986	421 441.6	6 048 628.4	421 428.0	6 048 633.0	21.9	14.4	
19/08/2022	11:19:12	ST071	Still	210761_ST071_15	01987	421 441.6	6 048 628.4	421 422.2	6 048 636.1	21.4	20.8	
19/08/2022	11:19:20	ST071	Still	210761_ST071_16	01988	421 441.6	6 048 628.4	421 419.2	6 048 640.7	21.9	25.5	
19/08/2022	11:19:32	ST071	Still	210761_ST071_17	01989	421 441.6	6 048 628.4	421 415.0	6 048 644.8	21.0	31.2	
19/08/2022	11:19:41	ST071	Still	210761_ST071_18	01990	421 441.6	6 048 628.4	421 411.1	6 048 648.5	20.7	36.5	
19/08/2022	11:19:50	ST071	Still	210761_ST071_19	01991	421 441.6	6 048 628.4	421 404.6	6 048 649.7	21.1	42.7	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
19/08/2022	11:20:02	ST071	Still	210761_ST071_20	01992	421 441.6	6 048 628.4	421 398.4	6 048 656.2	21.9	51.3	
19/08/2022	11:20:10	ST071	Video	EOL	01994	421 441.6	6 048 628.4	421 393.5	6 048 658.5	22.0	56.7	
19/08/2022	11:25:55	ST071	HG	FA/PSDA	01995	421 441.6	6 048 628.4	421 446.2	6 048 610.2	20.3	18.8	
19/08/2022	11:34:33	ST071	DG	CA	01996	421 441.6	6 048 628.4	421 436.1	6 048 618.7	20.7	11.1	
19/08/2022	12:03:26	ST054	Video	SOL	01997	418 441.6	6 045 628.4	418 494.5	6 045 615.6	20.2	54.4	
19/08/2022	12:03:39	ST054	Still	210761_ST054_01	01998	418 441.6	6 045 628.4	418 486.7	6 045 617.8	20.2	46.3	
19/08/2022	12:03:43	ST054	Still	210761_ST054_02	01999	418 441.6	6 045 628.4	418 484.8	6 045 619.1	20.6	44.2	
19/08/2022	12:03:49	ST054	Still	210761_ST054_03	02000	418 441.6	6 045 628.4	418 488.6	6 045 621.2	-	47.6	
19/08/2022	12:03:53	ST054	Still	210761_ST054_04	02001	418 441.6	6 045 628.4	418 478.1	6 045 620.5	20.6	37.4	
19/08/2022	12:04:01	ST054	Still	210761_ST054_05	02002	418 441.6	6 045 628.4	418 472.1	6 045 621.3	-	31.4	
19/08/2022	12:04:07	ST054	Still	210761_ST054_06	02004	418 441.6	6 045 628.4	418 474.1	6 045 623.0	20.0	33.0	
19/08/2022	12:04:09	ST054	Still	210761_ST054_07	02005	418 441.6	6 045 628.4	418 473.7	6 045 623.3	20.0	32.5	
19/08/2022	12:04:13	ST054	Still	210761_ST054_08	02006	418 441.6	6 045 628.4	418 469.7	6 045 624.1	20.8	28.5	
19/08/2022	12:04:27	ST054	Still	210761_ST054_09	02007	418 441.6	6 045 628.4	418 464.7	6 045 628.0	20.3	23.1	
19/08/2022	12:04:32	ST054	Still	210761_ST054_10	02008	418 441.6	6 045 628.4	418 462.0	6 045 629.2	20.8	20.4	
19/08/2022	12:04:46	ST054	Still	210761_ST054_11	02009	418 441.6	6 045 628.4	418 459.5	6 045 632.4	20.9	18.4	
19/08/2022	12:04:57	ST054	Still	210761_ST054_12	02010	418 441.6	6 045 628.4	418 453.3	6 045 633.9	20.3	12.9	
19/08/2022	12:05:04	ST054	Still	210761_ST054_13	02011	418 441.6	6 045 628.4	418 449.7	6 045 635.8	-	11.0	
19/08/2022	12:05:18	ST054	Still	210761_ST054_14	02012	418 441.6	6 045 628.4	418 445.8	6 045 637.4	-	10.0	
19/08/2022	12:05:34	ST054	Still	210761_ST054_15	02013	418 441.6	6 045 628.4	418 441.1	6 045 648.0	-	19.6	
19/08/2022	12:05:42	ST054	Still	210761_ST054_16	02014	418 441.6	6 045 628.4	418 448.5	6 045 634.3	-	9.1	
19/08/2022	12:05:58	ST054	Still	210761_ST054_17	02015	418 441.6	6 045 628.4	418 433.6	6 045 659.2	20.5	31.8	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
19/08/2022	12:06:18	ST054	Still	210761_ST054_18	02016	418 441.6	6 045 628.4	418 428.3	6 045 668.8	20.1	42.6	
19/08/2022	12:06:29	ST054	Still	210761_ST054_19	02017	418 441.6	6 045 628.4	418 428.0	6 045 671.2	19.3	44.9	
19/08/2022	12:06:37	ST054	Still	210761_ST054_20	02018	418 441.6	6 045 628.4	418 424.8	6 045 677.5	19.6	51.9	
19/08/2022	12:06:43	ST054	Video	EOL	02019	418 441.6	6 045 628.4	418 423.4	6 045 681.0	19.4	55.7	
19/08/2022	12:13:43	ST054	HG	FA/PSDA	02020	418 441.6	6 045 628.4	418 445.0	6 045 650.4	20.0	22.3	
19/08/2022	12:34:33	ST055	Video	SOL	02021	421 441.6	6 045 628.4	421 484.1	6 045 587.1	19.0	59.3	
19/08/2022	12:34:45	ST055	Still	210761_ST055_01	02023	421 441.6	6 045 628.4	421 480.1	6 045 597.7	20.3	49.2	
19/08/2022	12:34:53	ST055	Still	210761_ST055_02	02024	421 441.6	6 045 628.4	421 474.9	6 045 603.4	19.5	41.6	
19/08/2022	12:34:59	ST055	Still	210761_ST055_03	02025	421 441.6	6 045 628.4	421 481.8	6 045 598.7	-	50.0	
19/08/2022	12:35:12	ST055	Still	210761_ST055_04	02026	421 441.6	6 045 628.4	421 460.9	6 045 621.3	18.4	20.6	
19/08/2022	12:35:16	ST055	Still	210761_ST055_05	02027	421 441.6	6 045 628.4	421 464.6	6 045 617.8	19.8	25.4	
19/08/2022	12:35:26	ST055	Still	210761_ST055_06	02028	421 441.6	6 045 628.4	421 470.1	6 045 609.6	-	34.2	
19/08/2022	12:35:42	ST055	Still	210761_ST055_07	02029	421 441.6	6 045 628.4	421 454.7	6 045 632.2	-	13.7	
19/08/2022	12:35:50	ST055	Still	210761_ST055_08	02030	421 441.6	6 045 628.4	421 468.3	6 045 612.2	-	31.2	
19/08/2022	12:35:59	ST055	Still	210761_ST055_09	02031	421 441.6	6 045 628.4	421 442.3	6 045 656.3	-	27.9	
19/08/2022	12:36:05	ST055	Still	210761_ST055_10	02032	421 441.6	6 045 628.4	421 447.6	6 045 651.9	20.0	24.3	
19/08/2022	12:36:17	ST055	Still	210761_ST055_11	02033	421 441.6	6 045 628.4	421 444.0	6 045 659.4	20.3	31.2	
19/08/2022	12:36:30	ST055	Still	210761_ST055_12	02034	421 441.6	6 045 628.4	421 439.6	6 045 673.9	-	45.6	
19/08/2022	12:36:41	ST055	Still	210761_ST055_13	02035	421 441.6	6 045 628.4	421 448.3	6 045 657.6	-	30.0	
19/08/2022	12:37:02	ST055	Still	210761_ST055_14	02036	421 441.6	6 045 628.4	421 440.1	6 045 685.6	-	57.3	
19/08/2022	12:37:23	ST055	Still	210761_ST055_15	02037	421 441.6	6 045 628.4	421 437.7	6 045 701.7	-	73.5	
19/08/2022	12:37:29	ST055	Video	EOL	02038	421 441.6	6 045 628.4	421 437.7	6 045 706.9	19.9	78.6	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
19/08/2022	12:43:03	ST055	HG	NS	02039	421 441.6	6 045 628.4	421 428.3	6 045 594.1	20.2	36.8	
19/08/2022	12:49:22	ST055	HG	FA/PSDA	02040	421 441.6	6 045 628.4	421 448.0	6 045 625.8	19.3	6.9	
19/08/2022	13:10:43	ST042	Video	SOL	02041	421 665.9	6 043 250.4	421 721.0	6 043 248.6	19.1	55.1	
19/08/2022	13:10:56	ST042	Still	210761_ST042_01	02042	421 665.9	6 043 250.4	421 717.0	6 043 255.0	-	51.3	
19/08/2022	13:11:01	ST042	Still	210761_ST042_02	02043	421 665.9	6 043 250.4	421 713.1	6 043 255.9	19.0	47.5	
19/08/2022	13:11:08	ST042	Still	210761_ST042_03	02044	421 665.9	6 043 250.4	421 707.4	6 043 256.7	19.1	42.0	
19/08/2022	13:11:16	ST042	Still	210761_ST042_04	02045	421 665.9	6 043 250.4	421 701.5	6 043 257.8	19.1	36.4	
19/08/2022	13:11:28	ST042	Still	210761_ST042_05	02046	421 665.9	6 043 250.4	421 688.9	6 043 254.6	19.2	23.4	
19/08/2022	13:11:39	ST042	Still	210761_ST042_06	02047	421 665.9	6 043 250.4	421 679.3	6 043 251.0	19.2	13.4	
19/08/2022	13:11:44	ST042	Still	210761_ST042_07	02048	421 665.9	6 043 250.4	421 676.5	6 043 250.2	18.3	10.6	
19/08/2022	13:11:53	ST042	Still	210761_ST042_08	02049	421 665.9	6 043 250.4	421 670.7	6 043 245.4	18.5	6.9	
19/08/2022	13:12:01	ST042	Still	210761_ST042_09	02050	421 665.9	6 043 250.4	421 664.9	6 043 241.7	18.9	8.7	
19/08/2022	13:12:13	ST042	Still	210761_ST042_10	02051	421 665.9	6 043 250.4	421 656.8	6 043 235.8	18.6	17.1	
19/08/2022	13:12:17	ST042	Still	210761_ST042_11	02052	421 665.9	6 043 250.4	421 651.2	6 043 232.9	18.8	22.8	
19/08/2022	13:12:26	ST042	Still	210761_ST042_12	02053	421 665.9	6 043 250.4	421 645.4	6 043 229.4	18.3	29.3	
19/08/2022	13:12:33	ST042	Still	210761_ST042_13	02054	421 665.9	6 043 250.4	421 639.6	6 043 225.1	18.8	36.5	
19/08/2022	13:12:44	ST042	Still	210761_ST042_14	02055	421 665.9	6 043 250.4	421 631.9	6 043 219.6	18.7	45.8	
19/08/2022	13:12:55	ST042	Still	210761_ST042_15	02056	421 665.9	6 043 250.4	421 625.9	6 043 213.4	19.1	54.4	
19/08/2022	13:13:01	ST042	Video	EOL	02057	421 665.9	6 043 250.4	421 622.0	6 043 210.0	18.9	59.6	
19/08/2022	13:18:44	ST042	HG	FA/PSDA	02058	421 665.9	6 043 250.4	421 657.3	6 043 277.2	18.1	28.2	
19/08/2022	13:40:24	ST041	Video	SOL	02059	418 441.6	6 042 628.4	418 491.4	6 042 637.7	17.7	50.7	
19/08/2022	13:40:47	ST041	Still	210761_ST041_01	02060	418 441.6	6 042 628.4	418 474.2	6 042 639.6	18.4	34.5	

Date	Time [UTC]	Station	Type	Event	Fix No.	Proposed Location		Actual Location		Depth [m BSL]	Offset	Notes
						Easting	Northing	Easting	Northing			
19/08/2022	13:40:54	ST041	Still	210761_ST041_02	02061	418 441.6	6 042 628.4	418 470.9	6 042 641.7	18.8	32.2	
19/08/2022	13:41:02	ST041	Still	210761_ST041_03	02062	418 441.6	6 042 628.4	418 464.3	6 042 641.6	18.8	26.3	
19/08/2022	13:41:10	ST041	Still	210761_ST041_04	02063	418 441.6	6 042 628.4	418 459.2	6 042 640.0	17.9	21.1	
19/08/2022	13:41:20	ST041	Still	210761_ST041_05	02064	418 441.6	6 042 628.4	418 449.3	6 042 638.4	18.6	12.7	
19/08/2022	13:41:27	ST041	Still	210761_ST041_06	02065	418 441.6	6 042 628.4	418 443.7	6 042 637.9	18.4	9.8	
19/08/2022	13:41:36	ST041	Still	210761_ST041_07	02066	418 441.6	6 042 628.4	418 439.4	6 042 636.3	18.4	8.2	
19/08/2022	13:41:43	ST041	Still	210761_ST041_08	02067	418 441.6	6 042 628.4	418 433.9	6 042 636.4	18.2	11.1	
19/08/2022	13:41:55	ST041	Still	210761_ST041_09	02068	418 441.6	6 042 628.4	418 424.2	6 042 639.6	18.6	20.7	
19/08/2022	13:42:06	ST041	Still	210761_ST041_10	02069	418 441.6	6 042 628.4	418 415.4	6 042 643.3	19.1	30.1	
19/08/2022	13:42:20	ST041	Still	210761_ST041_11	02070	418 441.6	6 042 628.4	418 405.5	6 042 644.6	18.5	39.5	
19/08/2022	13:42:28	ST041	Still	210761_ST041_12	02071	418 441.6	6 042 628.4	418 399.5	6 042 644.4	18.5	45.0	
19/08/2022	13:42:44	ST041	Still	210761_ST041_13	02072	418 441.6	6 042 628.4	418 389.1	6 042 644.2	18.9	54.8	
19/08/2022	13:42:52	ST041	Still	210761_ST041_14	02073	418 441.6	6 042 628.4	418 385.0	6 042 645.6	18.9	59.1	
19/08/2022	13:43:01	ST041	Video	EOL	02074	418 441.6	6 042 628.4	418 381.7	6 042 647.5	17.9	62.8	
19/08/2022	13:48:10	ST041	HG	NS	02075	418 441.6	6 042 628.4	418 458.0	6 042 647.9	18.0	25.5	
19/08/2022	13:53:36	ST041	HG	FA/PSDA	02077	418 441.6	6 042 628.4	418 431.9	6 042 633.0	18.0	10.7	
19/08/2022	14:45:28	BT21	BT	SOL	02078	415 159.8	6 041 259.8	415 436	6 041 573	15.0	418.0	
19/08/2022	14:54:40	BT21	BT	EOL	02079	415 159.8	6 041 259.8	414 885	6 040 937	15.0	424.2	
19/08/2022	15:54:03	BT05	BT	SOL	02080	412 656.5	6 051 657.2	413 091	6 051 839	21.0	470.8	
19/08/2022	16:01:50	BT05	BT	EOL	02081	412 656.5	6 051 657.2	412 277	6 051 512	15.0	406.8	
Notes												
UTC = Coordinated Universal			SOL = Start of line			EOL = End of line			FA = Faunal sample A			
DG = Day grab			HG = Hamon grab			BT = Beam trawl			CA = Chemical analysis			
FA = Faunal sample			CA = Chemical analysis			NS = No sample						

B.2 Grab Log

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
06/08/2022	21:51:33	ST177	FA/PSDA	00026	5 L	sM	Sandy mud	
06/08/2022	22:30:39	ST168	FA/PSDA	00028	4 L	mS	Muddy sand	Small sample
06/08/2022	22:30:39	ST168	NS	00028	3 L	mS	Muddy sand	
06/08/2022	22:36:01	ST168	NS	00029	3 L	mS	Muddy sand	
06/08/2022	22:43:37	ST168	NS	00030	3 L	mS	Muddy sand	
06/08/2022	23:53:25	ST167	NS	00048	1 L	mS	Muddy sand	
06/08/2022	23:57:41	ST167	NS	00049	0 L	mS	Muddy sand	
07/08/2022	00:03:31	ST167	NS	00050	1 L	mS	Muddy sand	
07/08/2022	00:11:46	ST167	FA/PSDA	00051	3 L	(g)mS	Gravelly muddy sand	
07/08/2022	01:23:27	ST166	NS	00073	1 L	(g)mS	Gravelly muddy sand	
07/08/2022	01:28:20	ST166	NS	00074	0 L	(g)mS	Gravelly muddy sand	
07/08/2022	01:32:29	ST166	PSDA	00075	3 L	(g)mS	Gravelly muddy sand	
07/08/2022	01:40:21	ST166	NS	00076	2 L	(g)mS	Gravelly muddy sand	
07/08/2022	02:31:09	ST165	FA/PSDA	00077	7 L	(g)sM	Gravelly sandy mud	
07/08/2022	03:33:33	ST164	FA/PSDA	00078	7 L	(g)sM	Gravelly sandy mud	
07/08/2022	04:12:47	ST163	NS	00079	1 L	(g)sM	Gravelly sandy mud	
07/08/2022	04:20:29	ST163	NS	00080	4 L	(g)sM	Gravelly sandy mud	
07/08/2022	04:26:10	ST163	NS	00081	1 L	(g)sM	Gravelly sandy mud	
07/08/2022	04:37:18	ST163	FA/PSDA	00082	6 L	(g)sM	Gravelly sandy mud	

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
07/08/2022	06:55:53	ST162	FA/PSDA	00100	6 L	(g)sM	Gravelly sandy mud	
07/08/2022	08:29:43	ST161	NS	00140	3 L	sM	Sandy mud	
07/08/2022	08:38:39	ST161	FA/PSDA	00141	5 L	sM	Sandy mud	
07/08/2022	09:20:44	ST160	FA/PSDA	00142	5 L	mS	Muddy fine sand	
07/08/2022	09:51:54	ST159	FA/PSDA	00143	5 L	mS	Muddy fine sand	
07/08/2022	10:22:24	ST158	FA/PSDA	00144	6 L			
07/08/2022	11:41:29	ST178	FA/PSDA	00145	5 L	mS	Muddy sand	
07/08/2022	12:12:39	ST169	NS	00146	3 L	S	Sand	
07/08/2022	12:22:59	ST169	FA/PSDA	00147	5 L	S	Sand	
07/08/2022	13:34:59	ST178	CA	00148	7 cm	S	Sand	
07/08/2022	08:29:43	ST161	NS	00140	2 cm	(g)sM	htly sandy gravelly mud	
07/08/2022	15:06:43	ST161	CA	00149	7 cm	(g)sM	Slightly sandy gravelly mud	
07/08/2022	16:27:17	ST164	CA	00151	9 cm	msG	Muddy sandy gravel	
07/08/2022	17:52:28	ST168	CA	00152	7 cm	(g)mS	Slightly gravelly muddy sand	
08/08/2022	12:38:05	ST154	FA/PSDA	00162	5 L	mS	Muddy sand	
08/08/2022	13:13:49	ST179	FA/PSDA	00163	5 L	mS	Muddy sand	
08/08/2022	13:44:59	ST170	FA/PSDA	00164	5 L	mS	Muddy sand	
08/08/2022	14:15:20	ST171	FA/PSDA	00165	5 L	mS	Muddy sand	
08/08/2022	14:46:10	ST172	FA/PSDA	00166	6 L	S	Sand	
08/08/2022	15:24:27	ST155	FA/PSDA	00167	5 L	S	Sand	

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
08/08/2022	16:36:32	ST156	FA/PSDA	00192	5 L	S	Sand	
08/08/2022	18:18:30	ST174	FA/PSDA	00194	5 L	mS	Muddy sand	
08/08/2022	18:47:33	ST137	NS	00195	3 L	S	Sand	
08/08/2022	18:56:28	ST137	FA/PSDA	00196	5 L	S	Sand	
08/08/2022	19:29:59	ST175	FA/PSDA	00197	5 L	S	Sand	
08/08/2022	20:04:31	ST176	FA/PSDA	00198	5 L	mS	Muddy sand	
08/08/2022	20:30:34	ST157	NS	00199	4 L	mS	Muddy sand	
08/08/2022	20:39:46	ST157	FA/PSDA	00200	5 L	mS	Muddy sand	
08/08/2022	21:16:07	ST180	FA/PSDA	00201	5 L	mS	Muddy sand	
09/08/2022	01:15:39	ST156	CA	00205	7 cm	S	Sand	
09/08/2022	02:03:19	ST172	CA	00206	11 cm	S	Sand	
09/08/2022	05:31:37	ST147	FA/PSDA	00209	6 L	mS	Muddy sand	
09/08/2022	06:13:39	ST146	FA/PSDA	00210	5 L	mS	Muddy sand	
09/08/2022	06:44:45	ST145	FA/PSDA	00211	5 L	mS	Muddy sand	
09/08/2022	07:14:10	ST144	FA/PSDA	00212	5 L	mS	Muddy sand	
09/08/2022	07:45:37	ST143	FA/PSDA	00213	7 L	mS	Muddy sand	
09/08/2022	08:14:33	ST142	FA/PSDA	00214	5 L	sM	Sandy mud	
09/08/2022	08:44:09	ST141	FA/PSDA	00215	6 L	S	Sand	
09/08/2022	09:13:29	ST140	FA/PSDA	00216	5 L	mS	Muddy sand	
09/08/2022	09:42:53	ST139	NS	00217	2 L	mS	Muddy sand	

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
09/08/2022	09:50:31	ST139	FA/PSDA	00218	5 L	mS	Muddy sand	
09/08/2022	13:51:56	ST138	FA/PSDA	00221	6 L	mS	Slightly muddy sand	
09/08/2022	15:11:18	ST002	FA/PSDA	00222	7 L	mS	Muddy sand	
09/08/2022	15:35:18	ST004	FA/PSDA	00223	8 L	mS	Muddy sand	
09/08/2022	16:07:10	ST005	FA/PSDA	00224	6 L	(g)mS	Gravelly muddy sand	
09/08/2022	18:55:52	ST006	NS	00227	4 L	mS	Muddy sand	
09/08/2022	19:00:32	ST006	FA/PSDA	00228	5 L	mS	Muddy sand	
09/08/2022	19:27:35	ST007	FA/PSDA	00229	9 L	(g)mS	Gravelly muddy sand	
09/08/2022	19:54:11	ST008	FA/PSDA	00230	5 L	sM	Sandy mud	
09/08/2022	20:23:46	ST014	FA/PSDA	00231	8 L	mS	Muddy sand	
09/08/2022	22:39:25	ST013	NS	00234	3 L	sM	Sandy mud	
09/08/2022	22:45:29	ST013	FA/PSDA	00235	5 L	sM	Sandy mud	
09/08/2022	23:28:53	ST011	FA/PSDA	00236	7 L	sM	Sandy mud	
10/08/2022	00:02:15	ST017	FA/PSDA	00237	6 L	mS	Muddy sand	
10/08/2022	00:20:19	ST017	CA	00238	7 cm	mS	Muddy sand	Anoxic sediment after 1 cm depth
10/08/2022	00:49:23	ST018	NS	00239	3 L	mS	Muddy sand	
10/08/2022	00:54:14	ST018	NS	00240	3 L	mS	Muddy sand	
10/08/2022	00:59:19	ST018	FA/PSDA	00241	5 L	mS	Muddy sand	
10/08/2022	01:25:37	ST019	FA/PSDA	00242	5 L	mS	Muddy sand	
10/08/2022	01:55:55	ST020	FA/PSDA	00243	6 L	mS	Muddy sand	

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
10/08/2022	02:19:58	ST021	NS	00244	2 L	mS	Muddy sand	
10/08/2022	02:23:59	ST021	FA/PSDA	00245	5 L	mS	Muddy sand	
10/08/2022	03:26:21	ST022	FA/PSDA	00246	5 L	mS	Muddy sand	
10/08/2022	03:58:14	ST029	FA/PSDA	00247	6 L	S	Sand	
10/08/2022	04:24:32	ST028	FA/PSDA	00248	6 L	S	Sand	
10/08/2022	06:47:04	ST027	NS	00251	3 L	S	Sand	
10/08/2022	06:52:15	ST027	FA/PSDA	00252	8 L	S	Sand	
10/08/2022	07:11:45	ST026	NS	00253	3 L	S	Sand	
10/08/2022	07:16:10	ST026	FA/PSDA	00254	5 L	S	Sand	
10/08/2022	07:34:37	ST025	FA/PSDA	00255	8 L	S	Sand	
10/08/2022	07:52:02	ST033	FA/PSDA	00256	5 L	S	Sand	
10/08/2022	08:13:46	ST034	FA/PSDA	00257	5 L	S	Sand	
10/08/2022	08:33:43	ST035	FA/PSDA	00258	9 L	S	Sand	
10/08/2022	08:54:06	ST036	FA/PSDA	00259	6 L	S	Sand	
10/08/2022	09:12:44	ST037	FA/PSDA	00260	6 L	S	Sand	
10/08/2022	09:34:29	ST047	FA/PSDA	00261	5 L	S	Sand	
10/08/2022	09:52:14	ST046	FA/PSDA	00262	6 L	S	Sand	
10/08/2022	10:09:49	ST046	CA	00263	9 cm	S	Sand	
10/08/2022	10:28:34	ST045	FA/PSDA	00264	7 L	S	Sand	
10/08/2022	10:28:34	ST045	FA/PSDA	00264	5 L	S	Sand	

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
10/08/2022	11:21:01	ST044	CA	00266	8 cm	S	Sand	
10/08/2022	11:51:20	ST057	FA/PSDA	00267	5 L	gS	Gravelly sand	Shell fragments
10/08/2022	12:16:51	ST058	FA/PSDA	00268	5 L	mS	Muddy sand	Shell fragments
10/08/2022	12:37:38	ST059	FA/PSDA	00269	5 L	mS	Muddy sand	Sea potato
10/08/2022	12:55:53	ST060	FA/PSDA	00270	5 L	mS	Muddy sand	Sea potato
10/08/2022	13:14:43	ST076	FA/PSDA	00271	5 L	mS	Muddy sand	Shell fragments
10/08/2022	13:30:23	ST075	FA/PSDA	00272	5 L	mS	Muddy sand	Shell fragments
10/08/2022	13:50:21	ST074	CA	00273	8 cm	mS	Muddy sand	
10/08/2022	14:04:42	ST074	FA/PSDA	00274	5 L	mS	Muddy sand	Shell fragments
10/08/2022	14:22:57	ST073	FA/PSDA	00275	5 L	S	Sand	Sandeel
10/08/2022	14:42:14	ST091	FA/PSDA	00276	5 L	sM	Sandy mud	Sea potato
10/08/2022	15:00:39	ST092	FA/PSDA	00277	6 L	S	Sand	
10/08/2022	20:30:36	ST090	FA/PSDA	00283	5 L	mS	Muddy Sand	Shell fragments
10/08/2022	21:21:11	ST072	NS	00286	3 L			
10/08/2022	21:27:07	ST072	FA/PSDA	00287	5 L	mS	Muddy Sand	Shell fragments
11/08/2022	01:09:12	ST056	FA/PSDA	00328	8 L	mS	Muddy Sand	
11/08/2022	01:51:28	ST043	FA/PSDA	00348	7 L	mS	Muddy Sand	
11/08/2022	02:49:05	ST032	FA/PSDA	00365	6 L	S	Sand	
11/08/2022	06:46:04	ST024	FA/PSDA	00409	7 L	S	Sand	
11/08/2022	07:26:18	ST016	FA/PSDA	00429	5 L	mS	Muddy Sand	

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
11/08/2022	08:06:25	ST009	NS	00451	4 L	mS	Muddy Sand	
11/08/2022	08:13:16	ST009	FA/PSDA	00452	5 L	mS	Muddy Sand	
11/08/2022	08:57:24	ST010	NS	00470	3 L	mS	Muddy Sand	
11/08/2022	09:04:39	ST010	NS	00471	1 L	mS	Muddy Sand	
11/08/2022	09:10:41	ST010	FA/PSDA	00472	7 L	mS	Muddy Sand	
11/08/2022	09:53:16	ST003	FA/PSDA	00488	6 L	mS	Muddy Sand	
11/08/2022	10:38:14	ST001	FA/PSDA	00506	7 L	mS	Muddy Sand	
11/08/2022	11:59:39	ST012	CA	00524	9 cm	gS	Gravelly sand	
11/08/2022	12:08:22	ST012	FA/PSDA	00525	10 L	gS	Gravelly sand	Shell fragments
11/08/2022	13:18:18	ST015	FA/PSDA	00544	8 L	gS	Gravelly sand	Shell fragments
11/08/2022	14:50:05	ST023	FA/PSDA	00563	5 L	mS	Muddy Sand	Shell fragments
11/08/2022	16:23:23	ST030	FA/PSDA	00580	5 L	mS	Muddy Sand	
11/08/2022	17:35:10	ST031	FA/PSDA	00602	5 L	mS	Muddy Sand	Anoxia marbled sediment
11/08/2022	17:41:55	ST031	CA	00603	8 cm			
11/08/2022	19:52:00	ST141	CA	00645	10 cm	S	Sand	
11/08/2022	23:50:14	ST146	CA	00650	8 cm	S	Sand	
12/08/2022	00:43:05	ST136	FA/PSDA	00651	6 L	mS	Muddy sand	
12/08/2022	01:21:43	ST135	NS	00652	3 L	mS	Muddy sand	
12/08/2022	01:29:14	ST135	FA/PSDA	00653	5 L	(g)mS	Slightly gravelly muddy sand	
12/08/2022	04:18:51	ST134	NS	00656	3 L	sM	Muddy sand	

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
12/08/2022	04:25:17	ST134	NS	00657	3 L	sM	Muddy sand	
12/08/2022	04:32:07	ST134	FA/PSDA	00658	6 L	sM	Muddy sand	
12/08/2022	04:54:42	ST134	CA	00659	7 cm	sM	Muddy sand	
12/08/2022	05:27:08	ST133	FA/PSDA	00660	5 L	mS	Muddy sand	
12/08/2022	06:41:19	ST153	FA/PSDA	00674	5 L	mS	Muddy sand	
12/08/2022	07:33:47	ST152	FA/PSDA	00691	8 L	S	Sand	
12/08/2022	08:04:39	ST151	NS	00692	6 cm	S	Sand	
12/08/2022	08:13:15	ST151	CA	00693	9 cm	mS	Muddy sand	
12/08/2022	08:04:39	ST151	NS	00692	3 L	mS	Muddy sand	
12/08/2022	08:36:12	ST151	FA/PSDA	00695	6 L	mS	Muddy sand	
12/08/2022	09:27:26	ST150	NS	00715	3 L	mS	Muddy sand	
12/08/2022	09:34:35	ST150	FA/PSDA	00716	5 L	mS	Muddy sand	
12/08/2022	10:08:50	ST149	FA/PSDA	00717	7 L	mS	Muddy sand	
12/08/2022	10:38:06	ST148	NS	00718	3 L	mS	Muddy sand	
12/08/2022	10:43:58	ST148	FA/PSDA	00719	5 L	mS	Muddy sand	
12/08/2022	13:06:24	ST061	FA/PSDA	00742	7 L	msG	Muddy sandy gravel	
12/08/2022	13:47:11	ST079	FA/PSDA	00758	5 L	(g)S	Slightly gravelly sand	
12/08/2022	14:24:43	ST078	NS	00775	0 cm			Rock caught in jaws - washout
12/08/2022	14:31:39	ST078	NS	00776	0 cm			Rock caught in jaws - washout
12/08/2022	14:39:02	ST078	CA	00777	7 cm	S	Sand	

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
12/08/2022	14:47:24	ST078	FA/PSDA	00778	8 L	gS	Gravelly sand	Shell fragments
12/08/2022	18:25:54	ST077	FA/PSDA	00829	6 L	S	Sand	Sandeel
12/08/2022	19:03:12	ST093	FA/PSDA	00853	8 L	gS	Gravelly sand	Shell fragments
12/08/2022	19:49:06	ST094	FA/PSDA	00873	5 L	gS	Gravelly sand	Sandeel
12/08/2022	21:29:06	ST106	FA/PSDA	00894	10 L	gS	Gravelly sand	
12/08/2022	22:12:22	ST116	FA/PSDA	00914	5 L	S	Sand	Shell fragments
12/08/2022	22:59:20	ST117	FA/PSDA	00938	5 L	S	Sand	Shell fragments
12/08/2022	23:49:05	ST124	FA/PSDA	00959	6 L	S	Sand	
13/08/2022	00:36:11	ST128	FA/PSDA	00976	5 L	S	Sand	
13/08/2022	01:29:54	ST129	FA/PSDA	00992	6 L	mS	Muddy sand	
13/08/2022	02:13:33	ST125	NS	01005	0 L			
13/08/2022	02:18:59	ST125	NS	01006	0 L			
13/08/2022	02:25:16	ST125	NS	01007	1 L	mS	Muddy sand	
13/08/2022	02:33:38	ST125	FA/PSDA	01008	6 L	mS	Muddy sand	
13/08/2022	02:13:33	ST125	NS	01005	0 cm	(g)mS	Slightly gravelly muddy sand	Gravel in jaws - washout
13/08/2022	02:57:59	ST125	CA	01010	8 cm	(g)mS	Slightly gravelly muddy sand	
13/08/2022	06:50:41	ST118	FA/PSDA	01044	7 L	S	Sand	
13/08/2022	07:28:30	ST108	FA/PSDA	01061	6 L	S	Sand	
13/08/2022	08:03:08	ST107	FA/PSDA	01075	5 L	(g)mS	Slightly gravelly muddy sand	
13/08/2022	08:18:55	ST107	NS	01076	0 cm			Gravel in jaws - washout

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
13/08/2022	08:25:34	ST107	CA	01077	9 cm	gS	Gravelly sand	
13/08/2022	09:00:03	ST095	FA/PSDA	01092	7 L	(g)mS	Slightly gravelly muddy sand	
13/08/2022	09:39:45	ST096	FA/PSDA	01105	7 L	(g)mS	Slightly gravelly muddy sand	
13/08/2022	12:35:54	ST080	FA/PSDA	01138	5 L	gS	Gravelly sand	Sandeel, shell fragments
13/08/2022	13:18:20	ST081	FA/PSDA	01162	8 L	gS	Gravelly sand	Shell fragments
13/08/2022	13:13:34	ST081	NS	01161	3 L	gS	Gravelly sand	Shell fragments
13/08/2022	13:54:16	ST062	FA/PSDA	01180	8 L	S	Sand	Shell fragments
13/08/2022	14:32:49	ST130	FA/PSDA	01196	7 L	S	Sand	Shell fragments
13/08/2022	17:48:47	ST063	CA	01242	14 cm	gS	Gravelly sand	Sandeel, shell fragments
13/08/2022	17:43:17	ST063	NS	01241	0 cm			
13/08/2022	17:54:58	ST063	FA/PSDA	01243	6 L	gS	Gravelly sand	Shell fragments
13/08/2022	18:51:13	ST097	NS	01262	1 L			
13/08/2022	18:56:43	ST097	NS	01263	0 L			
13/08/2022	19:01:37	ST097	NS	01264	0 L			
13/08/2022	19:48:22	ST109	FA/PSDA	01280	5 L	gS	Gravelly sand	Shell fragments
13/08/2022	20:39:36	ST119	FA/PSDA	01299	5 L	S	Sand	Shell fragments
13/08/2022	20:30:01	ST119	NS	01297	1 L			
13/08/2022	20:34:47	ST119	NS	01298	1 L			
13/08/2022	21:16:06	ST126	FA/PSDA	01323	5 L	mS	Muddy sand	Sea potato, shell fragments
13/08/2022	21:39:49	ST127	FA/PSDA	01324	5 L	mS	Muddy sand	Shell fragments

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
13/08/2022	22:20:22	ST120	FA/PSDA	01345	5 L	gS	Gravelly sand	Shell fragments
13/08/2022	23:02:17	ST110	FA/PSDA	01364	7 L	S	Sand	Shell fragments
13/08/2022	23:49:17	ST098	FA/PSDA	01376	5 L	S	Sand	
14/08/2022	00:06:00	ST098	CA	NO FIX	11 cm	S	Sand	
14/08/2022	00:45:27	ST082	FA/PSDA	01389	6 L	S	Sand	
14/08/2022	01:27:46	ST064	FA/PSDA	01415	7 L	(g)mS	Slightly gravelly muddy sand	
14/08/2022	02:08:36	ST048	FA/PSDA	01430	6 L	(g)sM	Slightly gravelly sandy mud	
14/08/2022	03:03:26	ST131	FA/PSDA	01431	8 L	mS	Muddy sand	
14/08/2022	03:36:47	ST049	FA/PSDA	01444	5 L	(g)mS	Slightly gravelly muddy sand	
14/08/2022	04:19:15	ST065	FA/PSDA	01463	7 L	mS	Muddy sand	
14/08/2022	05:12:34	ST083	FA/PSDA	01476	5 L	mS	Muddy sand	
14/08/2022	05:48:45	ST099	FA/PSDA	01491	7 L	mS	Muddy sand	
14/08/2022	07:03:40	ST111	FA/PSDA	01504	5 L	mS	Muddy sand	
14/08/2022	09:36:34	ST121	CA	01527	8 cm	S	Sand	
14/08/2022	09:44:20	ST121	FA/PSDA	01528	7 L	S	Sand	
14/08/2022	10:27:03	ST122	FA/PSDA	01539	6 L	S	Sand	
14/08/2022	10:59:11	ST112	FA/PSDA	01550	5 L	mS	Muddy sand	
14/08/2022	11:38:35	ST100	FA/PSDA	01567	5 L	S	Sand	
14/08/2022	12:08:51	ST084	FA/PSDA	01587	5 L	(g)mS	Slightly gravelly muddy sand	
14/08/2022	01:27:46	ST064	FA/PSDA	01415	5 L	mS	Muddy sand	

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
14/08/2022	12:39:51	ST066	FA/PSDA	01608	5 L	mS	Muddy sand	
14/08/2022	13:09:48	ST050	FA/PSDA	01633	5 L	S	Sand	
14/08/2022	13:48:39	ST038	CA	01652	10 cm	S	Sand	
14/08/2022	13:54:36	ST038	FA/PSDA	01653	6 L	S	Sand	
14/08/2022	14:41:05	ST051	FA/PSDA	01675	10 L	S	Sand	Sandeel, shell fragments
14/08/2022	18:20:18	ST067	FA/PSDA	01702	5 L	S	Sand	Swimming crab, sandeel, shell fragments
14/08/2022	18:55:11	ST085	FA/PSDA	01720	5 L	S	Sand	
14/08/2022	19:00:49	ST085	CA	01721	9 cm	S	Sand	Sandeels
18/08/2022	12:37:13	ST123	NS	01735	3 L			
18/08/2022	12:44:01	ST123	NS	01736	2 L			
18/08/2022	12:51:01	ST123	FA/PSDA	01737	5 L	mS	Muddy sand	
18/08/2022	13:28:19	ST113	FA/PSDA	01758	6 L	S	Sand	
18/08/2022	13:36:41	ST113	CA	01759	8 cm	S	Sand	
18/08/2022	14:14:47	ST101	FA/PSDA	01780	5 L	S	Sand	Sandeels, sea potato
18/08/2022	14:44:59	ST114	FA/PSDA	01781	6 L	S	Sand	
18/08/2022	15:09:07	ST102	FA/PSDA	01782	5 L	S	Sand	Sea potato
18/08/2022	15:29:00	ST086	FA/PSDA	01783	5 L	S	Sand	Sea potato
18/08/2022	15:53:32	ST068	FA/PSDA	01784	5 L	S	Sand	Anoxic sediment after 2 cm depth
18/08/2022	17:25:15	ST052	FA/PSDA	01806	5 L	S	Sand	
18/08/2022	17:54:19	ST039	FA/PSDA	01807	5 L	S	Sand	Sandeels

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
18/08/2022	18:36:28	ST132	FA/PSDA	01835	9 L	(g)S	Slightly gravelly sand	
19/08/2022	02:02:51	ST040	FA/PSDA	01836	5 L	mS	Muddy sand	
19/08/2022	02:13:48	ST040	CA	01837	8 cm	mS	Muddy sand	
19/08/2022	02:44:30	ST053	FA/PSDA	01838	6 L	S	Sand	
19/08/2022	04:14:58	ST069	FA/PSDA	01839	5 L	S	Sand	
19/08/2022	04:37:24	ST069	CA	01860	10 cm	S	Sand	
19/08/2022	05:28:57	ST087	FA/PSDA	01876	5 L	mS	Slightly muddy sand	
19/08/2022	06:03:51	ST103	FA/PSDA	01889	5 L	mS	Slightly muddy sand	
19/08/2022	06:13:21	ST103	CA	01890	11 cm	mS	Slightly muddy sand	
19/08/2022	07:24:21	ST115	FA/PSDA	01903	7 L	sM	Slightly sandy mud	
19/08/2022	08:02:52	ST104	FA/PSDA	01916	5 L	mS	Muddy sand	
19/08/2022	08:37:00	ST105	FA/PSDA	01930	5 L	mS	Slightly muddy sand	
19/08/2022	09:27:16	ST089	FA/PSDA	01944	6 L	mS	Slightly muddy sand	
19/08/2022	10:34:36	ST070	FA/PSDA	01971	5 L	mS	Muddy sand	
19/08/2022	11:25:55	ST071	FA/PSDA	01995	5 L	S	Sand	
19/08/2022	11:34:33	ST071	CA	01996	10 cm	S	Sand	
19/08/2022	12:13:43	ST054	FA/PSDA	02020	5 L	S	Sand	
19/08/2022	12:43:03	ST055	NS	02039	2 L	S	Sand	
19/08/2022	12:49:22	ST055	FA/PSDA	02040	5 L	mS	Slightly muddy sand	
19/08/2022	13:18:44	ST042	FA/PSDA	02058	5 L	S	Sand	Shell fragments

Date	Time [UTC]	Station	Sample Rep	Fix No.	Sample Depth [cm] Sample Volume [L]	Sediment Description		Comments (fauna, smell, bioturbation, debris)
						Sediment Type	Sediment Description	
19/08/2022	13:48:10	ST041	NS	02075	2	S	Sand	
19/08/2022	13:53:36	ST041	FA/PSDA	02077	5	S	Sand	Sea potato, shell fragments
Notes UTC = Coordinated Universal Time FA = Faunal sample A PSDA = Particle size distribution sample A CA = Chemical analysis NS = No sample								

B.3 Video and Photographic Log

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
11/08/22	ST001	10:27:54	427 601.9	6 024 775.8	122	01-15	Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles	Fauna sparse. Anemone (Actiniaria), faunal turf (Hydrozoa/Bryozoa), starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i>), flatfish (Pleuronectiformes), piddocks (Imparidentia).
		10:31:33	427 721.3	6 024 802.2				
11/08/22	ST003	09:41:05	427 614.7	6 027 325.1	121	01-13	Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles	Fauna sparse. Faunal turf (Hydrozoa/Bryozoa), starfish (<i>Astropecten irregularis</i> , <i>Asterias rubens</i>), hermit crab (Paguridae), piddocks (Imparidentia).
		09:45:35	427 723.9	6 027 376.8				
11/08/22	ST009	07:53:06	424 774.6	6 030 763.2	139	01-19	Muddy sand with shell fragments	Fauna sparse. Faunal turf (Hydrozoa/Bryozoa inc. Flustridae: <i>Flustra foliacea</i>), starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i>), ?hermit crab (Paguridae), ?soft coral (<i>Alcyonium digitatum</i>), flatfish (Pleuronectiformes). Faunal burrows and mounds
		07:58:22	424 777.1	6 030 901.8				
11/08/22	ST010	08:45:02	427 471.5	6 030 586.9	105	01-15	Muddy sand with shell fragments and pebbles	Fauna sparse. Faunal turf (Hydrozoa/Bryozoa), starfish (Asteroidea inc. <i>Asterias rubens</i>), hermit crabs (Paguridae) ?with associated hydrozoan (<i>Hydractinia</i> sp.), ?flatfish (Pleuronectiformes). Faunal burrows and mounds
		08:48:38	427 398.0	6 030 662.4				
11/08/22	ST012	11:42:11	433 391.9	6 030 611.9	107	01-15	Gravelly sand/muddy sand with shell fragments and pebbles	Fauna sparse. Hermit crab (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), ?bryozoan (Flustridae: <i>Flustra foliacea</i>), ?soft coral (<i>Alcyonium digitatum</i>), starfish (Asteroidea inc. <i>Astropecten irregularis</i> , ? <i>Asterias rubens</i>), flatfish (Pleuronectiformes)
		11:49:15	433 483.2	6 030 668.1				
11/08/22	ST015	13:04:10	442 411.4	6 030 602.1	28	01-02	Coarse sediment (Sandy gravel with shell fragments and pebbles)	No fauna identified

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		13:06:04	442 439.3	6 030 605.9				
11/08/22	ST015A	13:07:46	442 454.3	6 030 633.0	80	01-13	Muddy sand with shell fragments and pebbles	Fauna sparse. Starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i>)
		13:10:37	442 517.5	6 030 681.4				
11/08/22	ST016	07:13:32	424 434.3	6 033 557.7	135	01-17	Sand/muddy sand with shell fragments and pebbles	Fauna sparse. Starfish (<i>Luidia sarsi</i> , <i>Astropecten irregularis</i> , <i>Asterias rubens</i>), hermit crabs (Paguridae inc. <i>Pagurus bernhardus</i>) ?with associated hydrozoan (<i>Hydractinia</i> sp.), faunal turf (Hydrozoa/Bryozoa inc. Flustridae: <i>Flustra foliacea</i>), whelk (Buccinidae)
		07:19:27	424 443.3	6 033 692.2				
11/08/22	ST023	14:39:57	421 813.5	6 036 876.5	99	01-16	Rippled sand with shell fragments and occasional pebbles	Fauna sparse. Starfish (Asteroidea inc. <i>Astropecten irregularis</i>), crab (Brachyura), hermit crab (Paguridae)
		14:44:20	421 908.5	6 036 902.9				
11/08/22	ST024	06:32:05	424 443.7	6 036 580.9	104	01-19	Rippled sand with shell fragments and occasional pebbles	Fauna sparse. Starfish (<i>Astropecten irregularis</i>), hermit crab (Paguridae)
		06:36:52	424 447.8	6 036 684.7				
11/08/22	ST030	15:20:52	418 607.9	6 039 906.4	111	01-13	Rippled sand/muddy sand with shell fragments	Fauna sparse. ?Bryozoan (Flustridae: <i>Flustra foliacea</i>), starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i>), hermit crab (Paguridae). Anthropogenic debris (?Plastic)
		16:15:52	418 605.1	6 040 017.2				
11/08/22	ST031	17:23:34	420 768.7	6 039 308.6	115	01-19	Rippled sand/muddy sand with shell fragments and pebbles	Fauna sparse. ?Bryozoan (Flustridae: <i>Flustra foliacea</i>), starfish (<i>Astropecten irregularis</i>), hermit crab (Paguridae), sandeel (Ammodytidae)
		17:26:25	420 720.5	6 039 413.0				
11/08/22	ST032	02:31:48	424 927.7	6 039 668.0	122	01-13		

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		02:41:12	425 049.0	6 039 652.1			Rippled sand/muddy sand with shell fragments and pebbles	Fauna sparse. Starfish (<i>Astropecten irregularis</i>), faunal turf (Bryozoa/Hydrozoa), urchin (Brissidina), sandeels (Ammodytidae), flatfish (Pleuronectiformes)
14/08/22	ST038	13:37:33	409 418.9	6 042 730.0	111	01-16	Rippled sand with shell fragments	Fauna sparse. Starfish (Asteroidea inc. <i>Astropecten irregularis</i>)
		13:40:04	409 510.9	6 042 668.4				
19/08/22	ST041	13:40:24	418 491.4	6 042 637.7	110	01-14	Rippled muddy sand/sandy mud with shell fragments	Fauna sparse. Hermit crabs (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i>), faunal turf (Hydrozoa/Bryozoa inc. Flustridae: <i>Flustra foliacea</i>), Possible diatom film (Chromista: ? Bacillariophyceae). Faunal burrows, tracks and casts
		13:43:01	418 381.7	6 042 647.5				
19/08/22	ST042	13:10:43	421 721.0	6 043 248.6	106	01-15	Rippled muddy sand/sandy mud with shell fragments	Fauna sparse. Starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i>), faunal turf (Hydrozoa/Bryozoa inc. Flustridae: <i>Flustra foliacea</i>), hermit crabs (Paguridae). Possible diatom film (Chromista: ? Bacillariophyceae). Faunal tracks
		13:13:01	421 622.0	6 043 210.0				
11/08/22	ST043	01:38:26	424 393.5	6 042 623.8	107	01-16	Rippled sand/muddy sand with shell fragments and pebbles	Fauna sparse. Hermit crabs (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), fauna turf (Hydrozoa/Bryozoa inc. Flustridae: <i>Flustra foliacea</i>), starfish (Asteroidea), flatfish (Pleuronectiformes inc. ?Soleidae), dragonet (Callionymidae). Faunal burrows
		01:42:11	424 500.1	6 042 627.5				
14/08/22	ST048	01:58:30	400 375.5	6 045 651.2	46	01-05	Muddy sand with shell fragments and pebbles overlying clay	Fauna sparse. Soft coral (<i>Alcyonium digitatum</i>), hermit crabs (Paguridae) ?with associated hydrozoan (<i>Hydractinia</i> sp.), faunal turf (Hydrozoa/Bryozoa), starfish (<i>Asterias rubens</i>), gadoid fish (Gadidae), gurnard (Triglidae), flatfish (Pleuronectiformes)
		01:58:47	400 418.7	6 045 635.2				
		01:58:47	400 418.7	6 045 635.2	96	06-12	Mixed sediment (Muddy sand with pebbles, cobbles, shell fragments and occasional boulders) overlying clay	Faunal turf (Hydrozoa/Bryozoa inc. Flustridae: <i>Flustra foliacea</i> , ? <i>Halecium</i> sp.), crabs (Brachyura inc. <i>Necora puber</i>), soft coral (<i>Alcyonium digitatum</i>), starfish (<i>Asterias rubens</i>), hermit crabs (Paguridae), anemone (Actiniaria), gadoid fish (Gadidae),
		02:01:50	400 512.5	6 045 614.1				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
								flatfish (Pleuronectiformes), piddocks (Imparidentia). Faunal burrows
14/08/22	ST049	03:25:46	403 377.3	6 045 603.8	142	01-10	Muddy sand with shell fragments and varying proportions of coarser sediment (pebbles and sporadic cobbles)	Fauna sparse. Hermit crab (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), faunal turf (Hydrozoa/Bryozoa inc. Flustridae: <i>Flustra foliacea</i>), soft coral (<i>Alcyonium digitatum</i>), starfish (Asteroidea), anemone (Actiniaria), flatfish (Pleuronectiformes), gadoid fish (Gadidae)
		03:29:20	403 503.1	6 045 669.9				
14/08/22	ST050	13:00:17	406 402.8	6 045 683.6	128	01-22	Rippled sand with shell fragments	Fauna sparse. Hermit crab (Paguridae), starfish (<i>Astropecten irregularis</i> , <i>Asterias rubens</i>), brittlestar (? <i>Ophiura</i> sp.), faunal turf (Hydrozoa/Bryozoa inc. ?Flustridae), flatfish (Pleuronectiformes)
		13:04:19	406 450.5	6 045 564.7				
14/08/22	ST051	14:31:07	409 404.6	6 045 662.0	117	01-19	Rippled sand with shell fragments	Fauna sparse. Starfish (Asteroidea inc. <i>Asterias rubens</i> , ? <i>Astropecten irregularis</i>), hermit crab (Paguridae) ?with associated hydrozoan (<i>Hydractinia</i> sp.), bryozoan (Flustridae: <i>Flustra foliacea</i>), ?sandeel (Ammodytidae)
		14:34:17	409 491.1	6 045 583.5				
18/08/22	ST052	16:58:18	412 630.8	6 046 233.7	133	01-16	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i> , <i>Asterias rubens</i>), crab (Brachyura), urchin (<i>Echinocardium cordatum</i>), brittlestar (Ophiuroidea), ?sandeel (Ammodytidae), unidentified fish (Gnathostomata). Faunal burrows
		17:02:51	412 691.1	6 046 115.2				
19/08/22	ST054	12:03:26	418 494.5	6 045 615.6	97	01-20	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i>), hermit crab (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), ?bryozoan (Flustridae: <i>Flustra foliacea</i>). Faunal tracks and burrows
		12:06:43	418 423.4	6 045 681.0				
19/08/22	ST055	12:34:33	421 484.1	6 045 587.1	128	01-14	Rippled sand/muddy sand with shell fragments	

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		12:37:29	421 437.7	6 045 706.9				Fauna sparse. Starfish (<i>Astropecten irregularis</i> , ? <i>Asterias rubens</i>), faunal turf (Bryozoa/Hydrozoa inc. ?Flustridae: <i>Flustra foliacea</i>). Faunal tracks and burrows
11/08/22	ST056	00:48:22	424 371.7	6 045 675.1	148	01-18	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i> , <i>Asterias rubens</i>), faunal turf (Bryozoa/Hydrozoa), hermit crabs (Paguridae inc. <i>Pagurus bernhardus</i>) with associated hydrozoan (<i>Hydractinia</i> sp.), flatfish (Pleuronectiformes inc. Soleidae), ?comb jelly (Ctenophora)
		01:00:28	424 498.2	6 045 598.1				
12/08/22	ST061	12:55:11	391 407.5	6 048 668.7	42	01-05	(Slightly) gravelly sand/muddy sand with shell fragments and pebbles	No fauna identified
		12:56:02	391 432.9	6 048 635.5				
		12:56:02	391 432.9	6 048 635.5	57	06-18	Rippled sand/muddy sand with a varying proportion of shell fragments and varying proportions of coarser sediment (pebbles and solitary boulders)	Fauna generally sparse. Hermit crabs (Paguridae inc. <i>Pagurus bernhardus</i>) with associated hydrozoan (<i>Hydractinia</i> sp.), soft coral (<i>Alcyonium digitatum</i>), faunal turf (Hydrozoa/Bryozoa), unidentified fish (Gnathostomata), flatfish (Pleuronectiformes).
		12:58:48	391 474.2	6 048 596.2				
		12:58:48	391 474.2	6 048 596.2	6	19-20	Muddy sandy gravel with pebbles, cobbles and shell fragments	Soft coral (<i>Alcyonium digitatum</i>), faunal turf (Hydrozoa/Bryozoa inc. Flustridae: <i>Securiflustra securifrons</i>), crab (<i>Necora puber</i>), piddocks (Imparidentia).
		12:59:56	391 479.7	6 048 592.9				
13/08/22	ST062	13:43:51	394 413.7	6 048 687.1	111	01-15	Rippled sand with shell fragments	Fauna sparse. Hermit crab (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), starfish (? <i>Asterias rubens</i>), bryozoan (Flustridae: <i>Flustra foliacea</i>), flatfish (Pleuronectiformes), unidentified fish (Gnathostomata)
		13:48:02	394 417.0	6 048 576.3				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
13/08/22	ST063	17:28:33	396 921.2	6 048 548.8	149	01-17	(Slightly) gravelly sand/muddy sand with shell fragments and pebbles	Fauna sparse. Starfish (Asteroidea inc. ? <i>Asterias rubens</i>), ?sandeels (Ammodytidae). Faunal tubes
		17:32:32	396 879.3	6 048 692.3				
14/08/22	ST064	01:18:08	400 394.8	6 048 666.6	127	01-11	Rippled sand with shell fragments and patches of coarser sediment (gravelly sand)	Fauna sparse. Hermit crab (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), ?bryozoan (Flustridae: <i>Flustra foliacea</i>), unidentified fish (Gnathostomata), flatfish (Pleuronectiformes), ?sandeel (Ammodytidae), gadoid fish (Gadidae)
		01:21:49	400 498.6	6 048 593.2				
14/08/22	ST065	04:07:51	403 480.5	6 048 854.9	162	01-16	Rippled sand/muddy sand with shell fragments	Fauna generally sparse. Starfish (Asteroidea inc. <i>Astropecten irregularis</i> , <i>Luidia ciliaris</i>), ?bryozoan (Flustridae: <i>Flustra foliacea</i>), unidentified fish (Gnathostomata), flatfish (Pleuronectiformes), sandeels (Ammodytidae)
		04:11:38	403 580.9	6 048 982.6				
14/08/22	ST066	12:30:30	406 408.0	6 048 661.8	31	01-06	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i> , <i>Asterias rubens</i>), faunal turf (Hydrozoa/Bryozoa inc. ?Flustridae: <i>Flustra foliacea</i>). Flatfish (Pleuronectiformes), sandeel (Ammodytidae)
		12:31:14	406 426.5	6 048 636.5				
		12:31:14	406 426.5	6 048 636.5	81	07-18	Coarse sediment (Sandy gravel/gravelly sand with shell fragments and pebbles)	Fauna sparse. Starfish (Asteroidea inc. <i>Astropecten irregularis</i>), hermit crab (Paguridae) ?with associated hydrozoan (<i>Hydractinia</i> sp.), ?soft coral (<i>Alcyonium digitatum</i>), ?bryozoan (Flustridae: <i>Flustra foliacea</i>)
		12:34:15	406 483.1	6 048 578.9				
14/08/22	ST067	18:07:17	409 475.4	6 048 585.4	112	01-18	Rippled sand/muddy sand with shell fragments	Fauna generally sparse. Starfish (Asteroidea inc. <i>Asterias rubens</i>), hermit crab (Paguridae) ?with associated hydrozoan (<i>Hydractinia</i> sp.), brittlestar (Ophiuroidea), flatfish (Pleuronectiformes), sandeels (Ammodytidae)
		18:10:12	409 424.3	6 048 685.1				
19/08/22	ST069	04:15:33	415 486.6	6 048 629.1	35	01-04	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i>), ?flatfish (Pleuronectiformes), crab (Brachyura), brittlestar (Ophiuroidea). Faunal tracks and burrows
		04:22:42	415 497.7	6 048 596.1				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
19/08/22	ST069A	04:19:57	415 407.2	6 048 678.2	122	01-11	Rippled muddy sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i>), ?bryozoan (Flustridae: <i>Flustra foliacea</i>), brittlestar (Ophiuroidea), sandeels (Ammodytidae). Faunal tracks and burrows
		04:22:06	415 498.5	6 048 597.7				
19/08/22	ST070	10:25:09	418 478.2	6 048 601.2	106	01-11	Rippled sand/muddy sand with shell fragments pebbles	Fauna sparse. Brittlestar (Ophiuroidea), starfish (<i>Astropecten irregularis</i>), faunal turf (Hydrozoa/Bryozoa inc. Flustridae: <i>Flustra foliacea</i>). Faunal burrows
		10:28:32	418 435.4	6 048 697.6				
19/08/22	ST071	11:17:14	421 487.4	6 048 595.9	113	01-20	Rippled sand/muddy sand with shell fragments and pebbles	Fauna sparse. Starfish (<i>Astropecten irregularis</i>), faunal turf (Hydrozoa/Bryozoa inc. Flustridae), urchin (<i>Echinocardium cordatum</i>), ?hermit crab (Paguridae), flatfish (Soleidae). Faunal tracks and burrows
		11:20:10	421 393.5	6 048 658.5				
10/08/22	ST072	21:06:02	424 371.7	6 048 656.7	103	01-06	Rippled sand/muddy sand with shell fragments and pebbles	Fauna sparse. Starfish (Asteroidea inc. <i>Astropecten irregularis</i> , ? <i>Asterias rubens</i>), hermit crab (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), faunal turf (Bryozoa/Hydrozoa inc. Flustridae: ? <i>Flustra foliacea</i>), flatfish (Pleuronectiformes)
		21:10:09	424 443.5	6 048 582.3				
12/08/22	ST077	18:14:48	385 501.8	6 051 613.4	113	01-21	Rippled sand/muddy sand with shell fragments	Fauna sparse. Faunal turf (Hydrozoa/Bryozoa), starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i>), sandeel (Ammodytidae)
		18:18:50	385 394.7	6 051 650.2				
12/08/22	ST078	14:11:50	388 372.1	6 051 653.3	57	01-08	Rippled sand/muddy sand with a varying proportion of shell fragments, pebbles and infrequent boulders	Fauna sparse. Faunal turf (Hydrozoa/Bryozoa inc. Flustridae: <i>Flustra foliacea</i>), soft coral (<i>Alcyonium digitatum</i>), starfish (<i>Astropecten irregularis</i>), crabs (Brachyura), plaice (<i>Pleuronectes platessa</i>), anemone (Actiniaria: ? <i>Urticina</i> sp.)
		14:13:09	388 346.4	6 051 703.6				
		14:13:09	388 346.4	6 051 703.6	61	09-14	Rippled gravelly sand/sandy gravel with a varying	Hard substrate dominated by soft coral (<i>Alcyonium digitatum</i>) and faunal turf (Hydrozoa/Bryozoa inc. Flustridae: ? <i>Flustra</i>

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		14:15:27	388 307.7	6 051 751.2			proportion of shell fragments, pebbles and infrequent boulders	<i>foliacea</i>), crab (<i>Necora puber</i>), anemones (Actiniaria), faunal tubes (Serpulidae)
12/08/22	ST079	13:36:35	391 383.9	6 051 642.1	118	01-13	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Asteroidea</i>), sandeel (Ammodytidae). Anthropogenic debris
		13:40:24	391 489.6	6 051 588.9				
13/08/22	ST080	12:20:48	394 391.2	6 051 670.5	108	01-16	Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>), soft coral (<i>Alcyonium digitatum</i>)
		12:25:12	394 469.3	6 051 595.4				
13/08/22	ST081	13:02:25	397 038.1	6 051 727.6	127	01-20	Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa), soft coral (<i>Alcyonium digitatum</i>), crab (Brachyura), hermit crabs (Paguridae), starfish (<i>Asterias rubens</i>), dragonet (Callionymidae)
		13:08:06	397 107.4	6 051 621.0				
14/08/22	ST082	00:33:03	400 365.7	6 051 653.6	139	01-10	Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles with patches of coarser sediment (pebbles and boulders)	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>), starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i>), flatfish (Pleuronectiformes), sandeels (Ammodytidae), unidentified fish (Gnathostomata)
		00:36:54	400 503.8	6 051 636.4				
14/08/22	ST083	05:00:24	403 401.3	6 051 573.9	106	01-10	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i>), brittlestar (<i>Ophiura</i> sp.), unidentified fish (Gnathostomata)
		05:04:49	403 420.3	6 051 678.2				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
14/08/22	ST084	12:00:08	406 397.6	6 051 667.8	111	01-17	Rippled slightly gravelly (?muddy) sand with shell fragments and pebbles	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa), soft coral (<i>Alcyonium digitatum</i>), starfish (Asteroidea inc. <i>Asterias rubens</i>)
		12:03:17	406 496.9	6 051 618.7				
14/08/22	ST085	18:44:14	409 469.2	6 051 595.4	104	01-15	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i>), unidentified fish (Gnathostomata), sandeels (Ammodytidae)
		18:46:45	409 445.8	6 051 697.1				
19/08/22	ST087	05:19:24	415 504.0	6 051 611.1	126	01-13	Rippled sand/muddy sand with shell fragments	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa ?inc. Flustridae: <i>Flustra foliacea</i>), starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i>), brittlestar (<i>Ophiura</i> sp.), flatfish (Pleuronectiformes: ?Soleidae). Faunal tracks
		05:22:18	415 387.4	6 051 658.1				
19/08/22	ST088	09:54:13	418 487.0	6 051 593.0	107	01-10	Rippled sand/muddy sand with shell fragments	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>), starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i>), hermit crab (Paguridae) with associated hydroid (<i>Hydractinia</i> sp.), flatfish (Soleidae). Faunal tracks
		09:57:39	418 437.9	6 051 687.8				
19/08/22	ST089	09:17:33	421 476.2	6 051 570.9	121	01-10	Rippled sand/muddy sand with shell fragments	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa), starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i>)
		09:21:00	421 439.0	6 051 686.0				
10/08/22	ST090	20:15:41	424 434.9	6 051 645.5	101	01-12	Rippled sand/muddy sand with a varying proportion of shell fragments	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa), starfish (Asteroidea inc. <i>Astropecten irregularis</i>), crab (Brachyura), flatfish (Pleuronectiformes inc. <i>Pleuronectes platessa</i>)
		20:19:42	424 532.1	6 051 617.8				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
12/08/22	ST093	18:52:27	385 914.5	6 054 501.8	111	01-21	Rippled (gravelly) sand with a varying proportion of shell fragments, pebbles and infrequent boulders	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa), soft coral (<i>Alcyonium digitatum</i>), crab (<i>Cancer pagurus</i> , <i>Necora puber</i>), starfish (Asteroidea), unidentified fish (Gnathostomata)
		18:56:17	385 808.0	6 054 531.7				
12/08/22	ST094	19:35:43	388 494.1	6 054 603.2	121	01-17	Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>), soft coral (<i>Alcyonium digitatum</i>), starfish (Asteroidea), anemone (Actiniaria), flatfish (Pleuronectiformes), dragonet (Callionymidae)
		19:39:32	388 382.9	6 054 650.1				
13/08/22	ST095	08:48:38	391 448.8	6 054 704.6	121	01-12	Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles with patches of coarser sediment (Pebbles and shell fragments)	Fauna sparse. Soft coral (<i>Alcyonium digitatum</i>), starfish (<i>Asterias rubens</i>)
		08:52:39	391 409.8	6 054 589.8				
13/08/22	ST096	09:29:41	394 412.0	6 054 590.2	108	01-10	Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles with patches of coarser sediment (Pebbles and shell fragments)	Fauna sparse. Soft coral (<i>Alcyonium digitatum</i>), starfish (Asteroidea), unidentified fish (Gnathostomata)
		09:33:07	394 481.0	6 054 673.4				
13/08/22	ST097	18:39:57	397 470.8	6 054 601.8	73	01-12	Rippled sand/gravelly sand with a varying proportion of shell fragments, pebbles and infrequent cobbles	Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>), soft coral (<i>Alcyonium digitatum</i>), crab (<i>Cancer pagurus</i>)
		18:41:56	397 421.3	6 054 655.3				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		18:41:56	397 421.3	6 054 655.3	43	13-17	Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)	No fauna identified
		18:43:10	397 385.7	6 054 678.6				
13/08/22	ST098	23:38:11	400 904.9	6 054 591.4	138	01-09	Rippled sand/sandy mud with shell fragments	Fauna sparse. Starfish (Asteroidea), crab (Brachyura), flatfish (Pleuronectiformes inc. <i>Pleuronectes platessa</i>), sandeel (Ammodytidae)
		23:41:43	401 025.6	6 054 524.0				
14/08/22	ST099	05:38:11	403 481.9	6 054 585.5	111	01-12	Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles	Fauna sparse. Starfish (<i>Asteroidea inc. Asterias rubens</i> , <i>Astropecten irregularis</i>), flatfish (Pleuronectiformes), unidentified fish (Gnathostomata), sandeels (Ammodytidae)
		05:43:06	403 407.6	6 054 668.1				
14/08/22	ST100	11:29:57	406 383.0	6 054 669.2	116	01-14	Rippled sand/sandy mud with shell fragments	Fauna sparse. Starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i> , ? <i>Asterina gibbosa</i>)
		11:33:30	406 466.8	6 054 588.8				
18/08/22	ST101	14:05:41	409 416.2	6 054 675.4	107	01-18	Rippled sand/muddy sand with shell fragments	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa), starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i>), brittlestars (<i>Ophiura sp.</i>), crab (Brachyura), sandeel (Ammodytidae). Faunal burrows
		14:09:25	409 466.9	6 054 581.8				
19/08/22	ST103	05:54:41	415 500.8	6 054 629.8	117	01-10	Rippled muddy sand/sandy mud with shell fragments	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>), starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i> , <i>Asterina gibbosa</i>). Faunal tracks and burrows
		05:57:50	415 383.3	6 054 628.0				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
19/08/22	ST104	07:53:56	418 503.9	6 054 617.5	114	01-10	Rippled muddy sand/sandy mud with shell fragments	Fauna dominated by starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i>). Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>), brittlestar (<i>Ophiura</i> sp.). Faunal tracks, tubes and burrows
		07:57:37	418 406.2	6 054 676.3				
19/08/22	ST105	08:26:44	421 490.2	6 054 576.6	130	01-11	Rippled muddy sand/sandy mud with shell fragments	Fauna dominated by starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i>). Faunal turf (Bryozoa/Hydrozoa), hermit crab (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), dragonet (Callionymidae). Faunal tracks and burrows
		08:31:10	421 385.7	6 054 653.7				
12/08/22	ST106	20:19:35	388 476.6	6 057 586.1	74	01-11	Rippled sand/muddy sand with shell fragments and pebbles	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa), soft coral (<i>Alcyonium digitatum</i>), starfish (<i>Luidia ciliaris</i>), crab (<i>Cancer pagurus</i>), flatfish (Pleuronectiformes)
		20:20:32	388 439.4	6 057 649.9				
		20:20:32	388 439.4	6 057 649.9	41	12-17	Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)	Fauna sparse. Soft coral (<i>Alcyonium digitatum</i>), starfish (Asteroidea inc. <i>Asterias rubens</i>), flatfish (Pleuronectiformes)
		20:21:53	388 407.3	6 057 675.6				
13/08/22	ST107	07:51:46	391 442.0	6 057 573.3	112	01-11	Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa), starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i>), anemone (Actiniaria)
		07:56:04	391 435.1	6 057 684.9				
13/08/22	ST108	07:16:59	394 444.0	6 057 564.6	127	01-14	Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles	Fauna sparse. Starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i>), hermit crab (Paguridae). Faunal tube (? Polychaeta)
		07:21:01	394 448.1	6 057 691.8				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
13/08/22	ST109	19:35:42	397 484.3	6 057 607.4	120	01-11	Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa), starfish (<i>Astropecten irregularis</i>)
		19:39:25	397 364.3	6 057 613.4				
13/08/22	ST110	22:52:21	400 391.7	6 057 675.9	124	01-16	Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles	Fauna sparse. Starfish (<i>Asterias rubens</i>), crab (<i>Cancer pagurus</i>), hermit crabs (Paguridae), flatfish (Pleuronectiformes), sandeels (Ammodytidae)
		22:55:38	400 489.3	6 057 599.4				
14/08/22	ST111	06:54:10	403 490.5	6 057 590.5	119	01-10	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i>), crab (Brachyura)
		06:57:55	403 405.3	6 057 673.2				
14/08/22	ST112	10:50:37	406 401.1	6 057 671.7	109	01-08	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i>), crabs (Brachyura inc. Majoidea). Faunal burrows
		10:54:21	406 495.7	6 057 618.4				
18/08/22	ST113	13:17:49	409 383.4	6 057 673.5	111	01-18	Rippled sand/muddy sand with shell fragments	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa), sandeels (Ammodytidae). Possible diatom film (Chromista: ? Bacillariophyceae)
		13:22:11	409 433.2	6 057 574.6				
19/08/22	ST115	07:13:24	415 489.4	6 057 560.6	131	01-10	Rippled muddy sand/sandy mud with shell fragments	Fauna generally sparse. Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>), starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i>). Possible diatom film (Chromista: ? Bacillariophyceae)
		07:17:04	415 455.5	6 057 686.7				
12/08/22	ST116	22:01:56	388 368.2	6 060 661.0	24	01-02	Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)	Faunal turf (Bryozoa/Hydrozoa), soft coral (<i>Alcyonium digitatum</i>), starfish (<i>Astropecten irregularis</i>)
		22:02:17	388 391.6	6 060 657.0				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		22:02:17	388 391.6	6 060 657.0	118	03-17	Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles	Faunal turf (Bryozoa/Hydrozoa), starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i> , <i>Luidia sarsi</i>), crabs (Brachyura inc. <i>?Liocarcinus</i> sp.), hermit crab (Paguridae), flatfish (Pleuronectiformes), sandeels (Ammodytidae)
		22:06:14	388 497.8	6 060 605.2				
12/08/22	ST117	22:43:03	391 368.7	6 060 630.4	6	None	Rippled sand/muddy sand with shell fragments, pebbles and occasional cobbles	Fauna generally sparse. Soft coral (<i>Alcyonium digitatum</i>), faunal siphon
		22:42:52	391 371.1	6 060 635.5				
		22:42:52	391 371.1	6 060 635.5	9	01-03	?Muddy sandy gravel inc. shell fragments, pebbles and cobbles	Fauna sparse. Soft coral (<i>Alcyonium digitatum</i>)
		22:43:06	391 379.8	6 060 637.0				
		22:43:06	391 379.8	6 060 637.0	112	04-21	Rippled sand/muddy sand with shell fragments and patches of coarser sediment (inc. pebbles, cobbles and occasional boulders)	Fauna generally sparse. Soft coral (<i>Alcyonium digitatum</i>), starfish (Asteroidea inc. <i>Astropecten irregularis</i>), faunal turf (Bryozoa/Hydrozoa), sandeels (Ammodytidae). Faunal tube (<i>?Lanice conchilega</i>)
		22:48:29	391 483.6	6 060 596.0				
13/08/22	ST118	06:37:31	394 466.7	6 060 579.8	119	01-14	Rippled sand with shell fragments	Fauna sparse. Starfish (Asteroidea inc. <i>Asterias rubens</i> , <i>Astropecten irregularis</i>), flatfish (Pleuronectiformes), unidentified fish (Gnathostomata), sandeels (Ammodytidae), ?comb jelly (Ctenophora)
		06:42:18	394 422.0	6 060 690.5				
13/08/22	ST119	20:17:47	397 470.1	6 060 584.0	118	01-13	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Asterias rubens</i>), hermit crab (Paguridae), flatfish (Pleuronectiformes)
		20:20:21	397 412.9	6 060 687.1				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
13/08/22	ST120	22:08:36	400 373.4	6 060 640.5	87	01-12	Rippled muddy sand/sandy mud with a varying proportion of shell fragments, pebbles and occasional cobbles	Fauna sparse. Starfish (<i>Asterias rubens</i> , ? <i>Astropecten irregularis</i>), soft coral (<i>Alcyonium digitatum</i>)
		22:10:09	400 460.6	6 060 644.1				
		22:10:09	400 460.6	6 060 644.1	50	13-18	Muddy sandy gravel with pebbles, shell fragments and occasional cobbles	Fauna sparse. Soft coral (<i>Alcyonium digitatum</i>), starfish (<i>Asterias rubens</i>)
		22:11:39	400 510.4	6 060 651.1				
14/08/22	ST121	09:25:24	403 898.3	6 061 059.4	115	01-07	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (Asteroidea inc. <i>Astropecten irregularis</i> , <i>Asterias rubens</i>), hermit crab (Paguridae) ?with associated hydrozoan (<i>Hydractinia</i> sp.), sandeels (Ammodytidae), ?jellyfish (<i>Cyanea capillata</i>)
		09:27:46	403 870.0	6 061 170.9				
14/08/22	ST122	10:16:43	406 371.7	6 060 671.9	136	01-08	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i> , <i>Asterias rubens</i>), faunal turf (Bryozoa/Hydrozoa), hermit crab (Paguridae) ?with associated hydrozoan (<i>Hydractinia</i> sp.). Faunal burrows
		10:20:33	406 493.1	6 060 611.0				
18/08/22	ST123	12:20:29	409 340.8	6 060 377.0	91	01-08	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Asterias rubens</i> , <i>Astropecten irregularis</i>), plaice (<i>Pleuronectes platessa</i>), faunal turf (Bryozoa/Hydrozoa), ?urchin (Brissidina). Faunal tracks and burrows
		12:22:05	409 346.9	6 060 286.2				
		12:22:05	409 346.9	6 060 286.2	24	09-11	?Muddy sandy gravel with shell fragments, pebbles and infrequent cobbles	Fauna sparse. Starfish (<i>Asterias rubens</i>), soft coral (<i>Alcyonidium digitatum</i>), faunal turf (Bryozoa/Hydrozoa), barnacles (Sessilia). Faunal tubes (Serpulidae)
		12:23:13	409 341.9	6 060 262.8				
12/08/22	ST124	23:33:04	391 371.2	6 063 637.5	17	01-05		

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]									
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris	
			Easting	Northing					
		23:33:12	391 388.1	6 063 639.8	14	06	Sandy gravel with pebbles, cobbles and shell fragments overlying clay	Fauna sparse. Soft coral (<i>Alcyonium digitatum</i>), faunal turf (Bryozoa/Hydrozoa), starfish (<i>Astropecten irregularis</i> , <i>?Asterias rubens</i>), piddocks (Imparidentia).	
		23:33:12	391 388.1	6 063 639.8			Muddy sandy gravel with pebbles, cobbles and shell fragments	Fauna dominated by soft coral (<i>Alcyonium digitatum</i>). Faunal turf (Bryozoa/Hydrozoa), starfish (<i>Asterias rubens</i>), ?anemone (Actiniaria), ?flatfish (Pleuronectiformes). Faunal tubes (Serpulidae)	
		23:33:40	391 402.1	6 063 641.4			Sandy gravel with pebbles, cobbles and shell fragments overlying clay	Fauna sparse. Soft coral (<i>Alcyonium digitatum</i>), starfish (Asteroidea inc. <i>?Asterias rubens</i>), flatfish (Pleuronectiformes), unidentified fish (Gnathostomata), piddocks (Imparidentia).	
		23:33:40	391 402.1	6 063 641.4	24	07-10			
		23:34:34	391 425.6	6 063 637.0					
		23:34:34	391 425.6	6 063 637.0	10	11			
		23:34:58	391 432.9	6 063 629.9					
		23:34:58	391 432.9	6 063 629.9	90	12-17			
		23:37:57	391 487.0	6 063 558.6					
13/08/22	ST125	02:02:42	394 371.5	6 063 627.0	143	01-10	Gravelly muddy sand with patches of coarser sediment inc. pebbles, cobbles, boulders and shell fragments	Fauna generally sparse. Soft coral (<i>Alcyonium digitatum</i>), hermit crabs (Paguridae inc. <i>Pagurus bernhardus</i>) with associated hydrozoan (<i>Hydractinia</i> sp.), starfish (Asteroidea inc. <i>Asterias rubens</i>), ?anemones (Actiniaria inc. <i>?Metridium</i> sp.),	

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		02:06:30	394 514.8	6 063 627.6				crabs (<i>Brachyura</i> inc. ? <i>Necora puber</i>), brittlestar (Ophiuroidea), flatfish (Pleuronectiformes inc. ? <i>Pleuronectes platessa</i>), unidentified fish (Gnathostomata). Faunal tubes
13/08/22	ST126	21:05:29	397 469.4	6 063 589.4	117	01-21	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (Asteroidea inc. <i>Astropecten irregularis</i>), crab (? <i>Liocarcinus</i> sp.), hermit crab (Paguridae), unidentified fish (Gnathostomata), ?gurnard (Triglidae), ?flatfish (Pleuronectiformes)
		21:08:02	397 402.4	6 063 685.3				
13/08/22	ST128	00:21:57	391 363.5	6 066 621.9	130	01-14	Rippled sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i>), ?shrimp (Caridea), hermit crab (Paguridae) ?with associated hydrozoan (<i>Hydractinia</i> sp.), crab (<i>Brachyura</i>), brittlestar (Ophiuroidea), flatfish (Pleuronectiformes), unidentified fish (Gnathostomata), sandeels (Ammodytidae). Anthropogenic debris (Rope)
		00:25:58	391 486.9	6 066 581.2				
13/08/22	ST129	01:19:23	394 365.6	6 066 628.8	142	01-13	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (Asteroidea inc. <i>Astropecten irregularis</i> , <i>Asterias rubens</i>), ?hermit crab (Paguridae), crab (<i>Brachyura</i>), flatfish (Pleuronectiformes inc. Soleidae), gadoid fish (Gadidae), unidentified fish (Gnathostomata)
		01:23:16	394 507.0	6 066 645.3				
13/08/22	ST130	14:23:25	394 264.7	6 047 312.9	116	01-13	Rippled sand with shell fragments	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa inc. ?Flustridae: <i>Flustra foliacea</i>), barnacles (Sessilia), hermit crab (Paguridae)
		14:27:29	394 375.1	6 047 350.1				
18/08/22	ST132	18:13:22	413 412.1	6 041 582.2	120	01-05	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i>), bryozoan (Flustridae: <i>Flustra foliacea</i>), sandeels (Ammodytidae)
		18:25:57	413 499.9	6 041 500.2				
18/08/22	ST132A	18:16:36	413 494.6	6 041 536.0	65	01-04	Rippled sand/muddy sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i>), sandeels (Ammodytidae)
		18:17:19	413 431.3	6 041 551.4				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
18/08/22	ST132B	18:22:59	413 406.9	6 041 574.5	118	01-12	Rippled sand/muddy sand with a varying proportion of shell fragments	Fauna sparse. Starfish (Asteroidea inc. <i>Astropecten irregularis</i> , <i>Asterias rubens</i>), ?bryozoan (Bryozoa), crab (Brachyura), ?sandeels (Ammodytidae), flatfish (Pleuronectiformes)
		18:25:20	413 499.0	6 041 500.3				
11/08/22	ST139	18:57:25	411 668.5	6 035 897.4	123	01-19	Muddy sand with shell fragments and pebbles	Fauna sparse. Hermit crab (Paguridae) ?with associated hydrozoan (<i>Hydractinia</i> sp.), faunal turf (Bryozoa/Hydrozoa inc. ?Flustridae: <i>Flustra foliacea</i>), starfish (Asteroidea inc. <i>Asterias rubens</i>), soft coral (<i>Alcyonium digitatum</i>), flatfish (Pleuronectiformes inc. Soleidae)
		19:01:27	411 568.4	6 035 968.8				
07/08/22	ST161	08:12:57	323 354.2	6 004 617.8	107	01-17	Muddy ?sandy gravel inc. shell fragments and pebbles	Soft coral (<i>Alcyonium digitatum</i>), faunal turf (Bryozoa/Hydrozoa), ?sponge (Porifera), crabs (<i>Atelecyclus rotundatus</i> , <i>Ebalia</i> sp.), ?hermit crab (Paguridae), scallops (Pectenidae), gastropod eggs (Gastropoda), starfish (<i>Asterias rubens</i>), dragonets (Callionymidae), gadoid fish (Gadidae), unidentified fish (Gnathostomata). Faunal tubes (Polychaeta)
		08:16:30	323 252.9	6 004 583.6				
07/08/22	ST166	01:07:17	302 466.8	5 991 396.0	143	01-19	Coarse sediment (Sandy gravel with cobbles, pebbles and boulders)	Anemones (<i>Urticina</i> sp.), faunal turf (Bryozoa/Hydrozoa inc. <i>Alcyonidium diaphanum</i> , Flustridae: <i>Flustra foliacea</i> , ? <i>Halecium</i> sp., Tubulariidae, <i>Nemertesia</i> sp., <i>Bugula</i> sp.), barnacles (Sessilia), starfish (Asteroidea inc. <i>Henricia</i> sp.), squat lobster (Galatheoidea), lobster (<i>Homarus gammarus</i>), crabs (Brachyura inc. <i>Necora puber</i>), soft coral (<i>Alcyonium digitatum</i>), tube worm (Sabellidae), gadoid fish (Gadidae), , ?comb jellies (Ctenophora). Faunal tubes (Polychaeta inc. Sabellidae and Serpulidae)
		01:12:37	302 404.4	5 991 267.3				
06/08/22	ST167	23:37:48	298 108.6	5 988 631.2	82	01-08	Coarse sediment (Gravelly sand/sandy gravel with cobbles, pebbles, boulders and shell fragments) with patches of rippled sand	Faunal turf (Bryozoa/Hydrozoa inc. <i>Alcyonidium diaphanum</i> , <i>Halecium</i> sp., Flustridae: <i>Securiflustra securifrons</i> and <i>Flustra foliacea</i> , Tubulariidae), anemones (<i>Urticina</i> sp.), squat lobster (Galatheoidea), crabs (Brachyura inc. ? <i>Liocarcinus</i> sp., <i>Necora puber</i>), barnacles (Sessilia), soft coral (<i>Alcyonium digitatum</i>), lobster (<i>Homarus gammarus</i>), starfish (<i>Henricia</i> sp.), unidentified fish (Gnathostomata). Faunal tracks, burrows and tubes (Polychaeta). Anthropogenic debris (Rope)
		23:36:08	298 042.9	5 988 680.2				

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		23:36:08	298 042.9	5 988 680.2	36	09-15	Rippled gravelly sand with a varying proportion of pebbles, cobbles and shell fragments	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa inc. <i>Alcyonidium diaphanum</i>), unidentified fish (Gnathostomata)
		23:41:55	298 035.2	5 988 714.9				
06/08/22	ST181	21:15:59	291 354.6	5 986 480.1	46	01-07	Mud/sandy mud with occasional cobbles and boulders	Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>), shrimp (Caridea), unidentified fish (Gnathostomata), faunal tubes (Serpulidae)
		21:12:37	291 308.7	5 986 481.0				
		21:12:37	291 308.7	5 986 481.0	76	08-22	Muddy (sandy) gravel with cobbles, pebbles, boulders and shell fragments) with emergent consolidated clay	Crabs (<i>Necora puber</i> , Inachidae, <i>Liocarcinus</i> sp.), faunal turf (Bryozoa/Hydrozoa inc. <i>Halecium</i> sp., <i>Alcyonidium diaphanum</i> , Flustridae: <i>Flustra foliacea</i> , <i>Nemertesia</i> sp.: <i>Nemertesia antennina</i>), shrimp (Caridea), lobster (<i>Homarus gammarus</i>), barnacles (Sessilia), anemones (Actiniaria inc. <i>?Urticina</i> sp.), squat lobster (Galatheaidea), ?sponge (Porifera), unidentified fish (Gnathostomata), ?comb jelly (Ctenophora), piddocks (Imparidentia). Faunal tubes and burrows
		21:19:02	291 249.9	5 986 528.5				
07/08/22	ST182	05:27:26	315 924.1	5 999 088.0	106	01-15	Rippled sand/muddy sand with varying proportions of shells and gravel (pebbles and occasional cobbles)	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i> , <i>Alcyonidium diaphanum</i>), starfish (<i>Asterias rubens</i>), spider crab (Inachidae), ?soft coral (<i>Alcyonium digitatum</i>). Faunal burrows
		05:30:58	315 929.3	5 998 982.3				
07/08/22	ST183	07:27:12	320 827.6	6 002 817.0	104	01-18	Gravelly sand/sandy gravel with pebbles, cobbles, boulders and shell fragments	Fauna dominated by soft coral (<i>Alcyonium digitatum</i>) and bryozoan (Flustridae: <i>Flustra foliacea</i>). Faunal turf (Bryozoa/Hydrozoa inc. <i>Halecium</i> sp., ?Tubulariidae, ?Horneridae), brittlestars (Ophiuroidea inc. <i>Ophiothrix fragilis</i>), starfish (Asteroidea inc. <i>Astropecten irregularis</i> , ? <i>Asterias rubens</i> , ? <i>Crossaster papposus</i>), spider crab (Inachidae), topshell

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		07:30:37	320 745.7	6 002 753.0				(Vetigastropodida), squat lobster (Galatheoidea inc. ? <i>Munida rugosa</i>), ?hermit crab (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), ?anemone (Actiniaria), ?shrimp (Caridea), gadoid fish (Gadidae), flatfish (Pleuronectiformes), worm tubes (Polychaeta inc. Sabellidae, ?Serpulidae). Possible anthropogenic debris (?metal)
08/08/22	ST184	16:14:45	349 368.2	6 034 767.0	103	01-22	Rippled muddy sand/sandy mud with shell fragments	Fauna generally sparse. Starfish (Asteroidea inc. <i>Asterias rubens</i>), faunal turf (Bryozoa/Hydrozoa inc. Tubulariidae), soft coral (<i>Alcyonium digitatum</i>), hermit crab (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), brittlestars (<i>Ophiothrix fragilis</i>), flatfish (Pleuronectiformes). Faunal tubes, tracks, mounds and burrows. Anthropogenic debris (net)
		16:22:26	349 362.0	6 034 664.6				
12/08/22	ST185	08:58:22	371 600.2	6 049 319.4	89	01-17	Rippled gravelly sand with shell fragments, pebbles and cobbles	Fauna dominated by soft coral (<i>Alcyonium digitatum</i>). Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>), brittlestar (Ophiuroidea), ?sponge (<i>Haliclona oculata</i>), ?anemone (Anthozoa), flatfish (Pleuronectiformes), gadoid fish (Gadidae), unidentified fish (Gnathostomata)
		09:04:29	371 685.0	6 049 291.3				
12/08/22	ST186	06:59:44	383 005.7	6 049 536.0	113	01-14	Rippled sand/muddy sand with shell fragments	Fauna sparse. Soft coral (<i>Alcyonium digitatum</i>), ?scallop (Pectenidae), faunal turf (Bryozoa/Hydrozoa), flatfish (Pleuronectiformes), unidentified fish (Gnathostomata)
		07:05:10	382 900.4	6 049 495.0				
12/08/22	ST187	05:51:08	385 056.8	6 048 304.4	116	01-11	Rippled sand/muddy sand with shell fragments	Fauna sparse. ?Crab (Brachyura), hermit crab (Paguridae) with associated hydrozoan (<i>Hydractinia</i> sp.), starfish (Asteroidea inc. <i>Astropecten irregularis</i>)
		05:55:17	385 063.0	6 048 420.5				
11/08/22	ST188	18:26:52	414 005.2	6 036 323.5	124	01-18	Rippled sand with a varying proportion of shell fragments	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>), starfish (<i>Astropecten irregularis</i>), sandeels (Ammodytidae)

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		18:30:50	413 906.0	6 036 397.2				
11/08/22	ST189	03:52:11	423 848.8	6 038 035.6	96	01-16	Rippled sand with shell fragments and pebbles	Starfish (<i>Astropecten irregularis</i>), flatfish (Pleuronectiformes), unidentified fish (Gnathostomata)
		04:02:51	423 923.0	6 038 096.0				
10/08/22	ST190	21:58:38	423 746.5	6 046 612.9	105	01-15	Rippled sand with shell fragments and pebbles	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa ?inc. Flustridae: <i>Flustra foliacea</i>), brittlestar (Ophiuroidea), hermit crab (<i>Pagurus bernhardus</i>) with associated hydrozoan (<i>Hydractinia</i> sp.), flatfish (Pleuronectiformes inc. Soleidae), unidentified fish (Gnathostomata)
		22:02:19	423 760.2	6 046 508.7				
14/08/22	ST200	15:17:04	408 820.7	6 045 478.7	110	01-03	Rippled sand with shell fragments	Fauna sparse. Starfish (Asteroidea inc. <i>Astropecten irregularis</i> , ? <i>Asterias rubens</i>), crab (Brachyura), unidentified fish (Gnathostomata)
		15:19:40	408 883.4	6 045 388.0				
14/08/22	ST201	07:24:53	404 772.3	6 055 344.0	112	01-07	Rippled sand with shell fragments	Fauna sparse. Starfish (Asteroidea inc. <i>Astropecten irregularis</i> , <i>Asterias rubens</i>), ?hermit crab (Paguridae), ?crabs (Brachyura), unidentified fish (Gnathostomata), ?flatfish (Pleuronectiformes)
		07:27:58	404 681.6	6 055 409.6				
13/08/22	ST202	14:57:19	395 108.6	6 047 537.6	22	None	Sandy gravel with cobbles, pebbles and shell fragments and a patch of gravelly sand	Fauna sparse. ?Soft coral (<i>Alcyonium digitatum</i>), starfish (Asteroidea)
		14:57:35	395 125.3	6 047 523.3				
		14:57:35	395 125.3	6 047 523.3	28	01-07	Rippled sand with shell fragments and pebbles	No fauna identified

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		14:58:38	395 152.8	6 047 523.7	38	08-13	Coarse sediment (Sandy gravel/gravelly sand with pebbles and shell fragments)	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa)
		14:58:38	395 152.8	6 047 523.7				
		14:59:47	395 188.4	6 047 537.2				
		14:59:47	395 188.4	6 047 537.2	31	14-21	Rippled (gravelly) sand with shell fragments and patches of coarser sediment (pebbles)	Fauna sparse. Soft coral (<i>Alcyonium digitatum</i>), starfish (Asteroidea)
		15:01:26	395 218.4	6 047 545.7				
13/08/22	ST203	10:06:18	394 537.0	6 055 674.5	34	01-02	Rippled sand/slightly gravelly sand with a varying proportion of shell fragments and pebbles	Fauna sparse. Faunal turf (Bryozoa/Hydrozoa inc. Flustridae: <i>Flustra foliacea</i>)
		10:06:32	394 565.0	6 055 693.1				
		10:06:32	394 565.0	6 055 693.1	90	03-09	Coarse sediment (Sandy gravel/gravelly sand with pebbles and shell fragments)	Fauna sparse. Starfish (Asteroidea inc. <i>Asterias rubens</i>), flatfish (Pleuronectiformes), soft coral (<i>Alcyonium digitatum</i>), faunal turf (Bryozoa/Hydrozoa)
		10:10:01	394 635.0	6 055 749.4				
13/08/22	ST204	03:56:10	393 121.0	6 062 317.2	111	01-13	Rippled sand with shell fragments	Fauna sparse. Starfish (<i>Astropecten irregularis</i>)
		03:58:45	393 202.2	6 062 393.6				
12/08/22	ST205	15:23:11	387 893.8	6 051 517.2	30	01-04		Fauna sparse. Unidentified fish (Gnathostomata)

Geodetic Parameters: WGS84, UTM Zone 31N, CM3 E [m]								
Date	Station	Time [UTC]	Video coordinates		Length [m]	Still Nos.	Sediment Description	Fauna / Bioturbation / Debris
			Easting	Northing				
		15:23:43	387 899.4	6 051 546.3			Rippled sand with shell fragments and patches of pebbles	
		15:23:43	387 899.4	6 051 546.3	77	05-20	Coarse sediment (Sandy gravel with cobbles, pebbles and shell fragments)	Fauna sparse. Hermit crab (Paguridae), crab (<i>Liocarcinus</i> sp.), starfish (Asteroidea inc. <i>Asterias rubens</i>), soft coral (<i>Alcyonium digitatum</i>)
		15:28:06	387 892.7	6 051 623.5				
		15:28:06	387 892.7	6 051 623.5	14	21-23	Rippled sand with shell fragments and patches of coarse sediment (pebbles)	Fauna sparse. Soft coral (<i>Alcyonium digitatum</i>), crab (<i>Liocarcinus</i> sp.)
		15:29:31	387 891.1	6 051 636.9				
Notes UTC = Coordinated Universal Time ? = Faunal identification uncertain								

Appendix C

Seabed Photographs

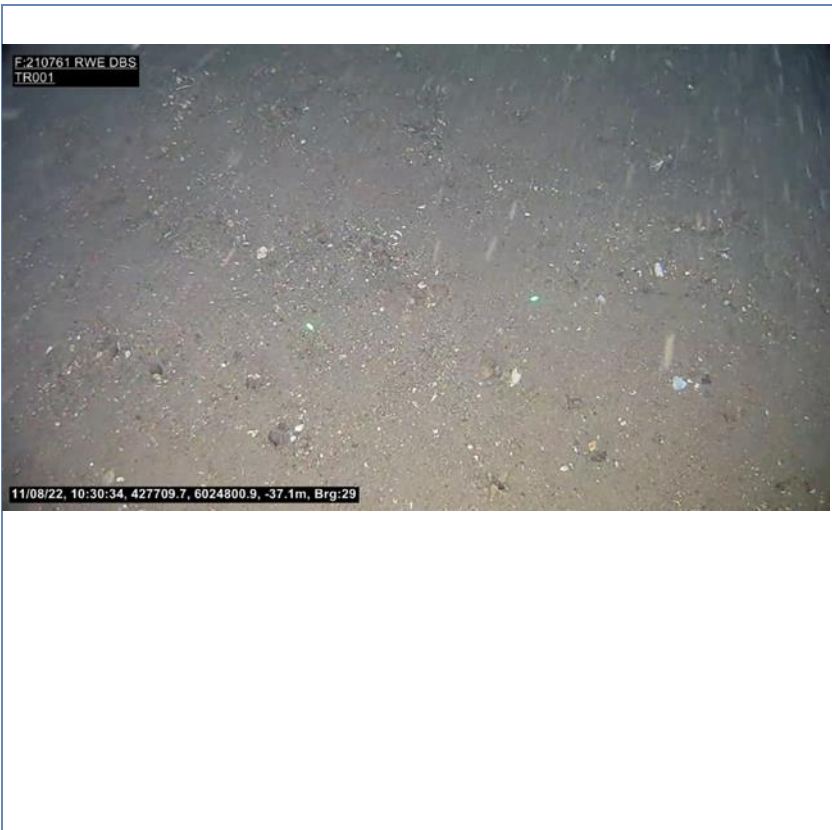
TRANSECT/STATION ST001



Photograph:
210761_ST001_001

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
A: Piddock burrows (*Imparidentia*)



Photograph:
210761_ST001_015

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified

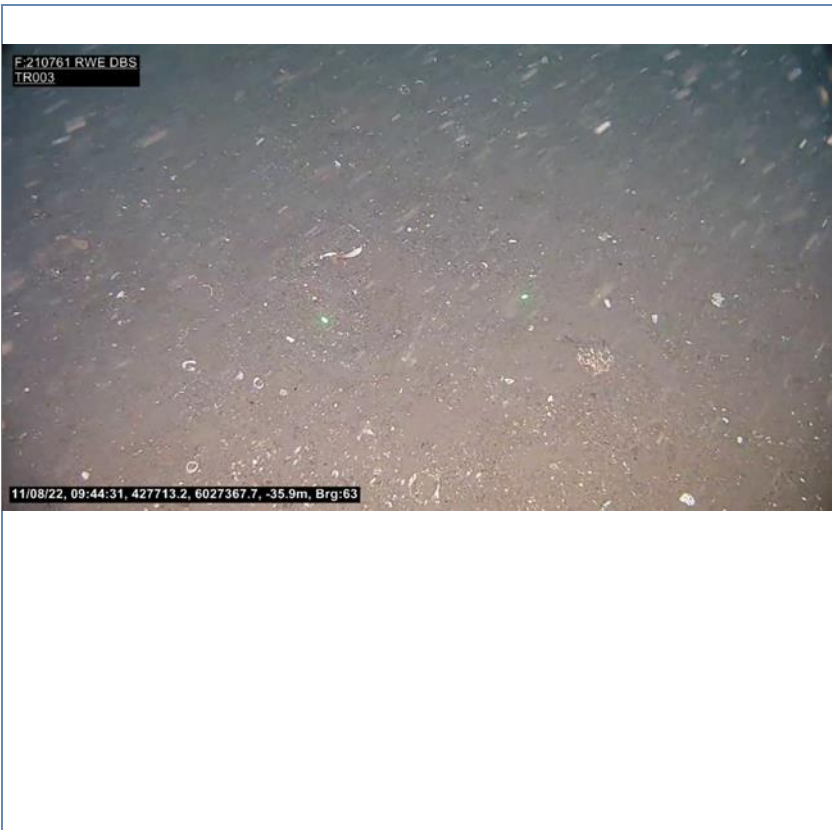
TRANSECT/STATION ST003



Photograph:
210761_ST0003_001

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified

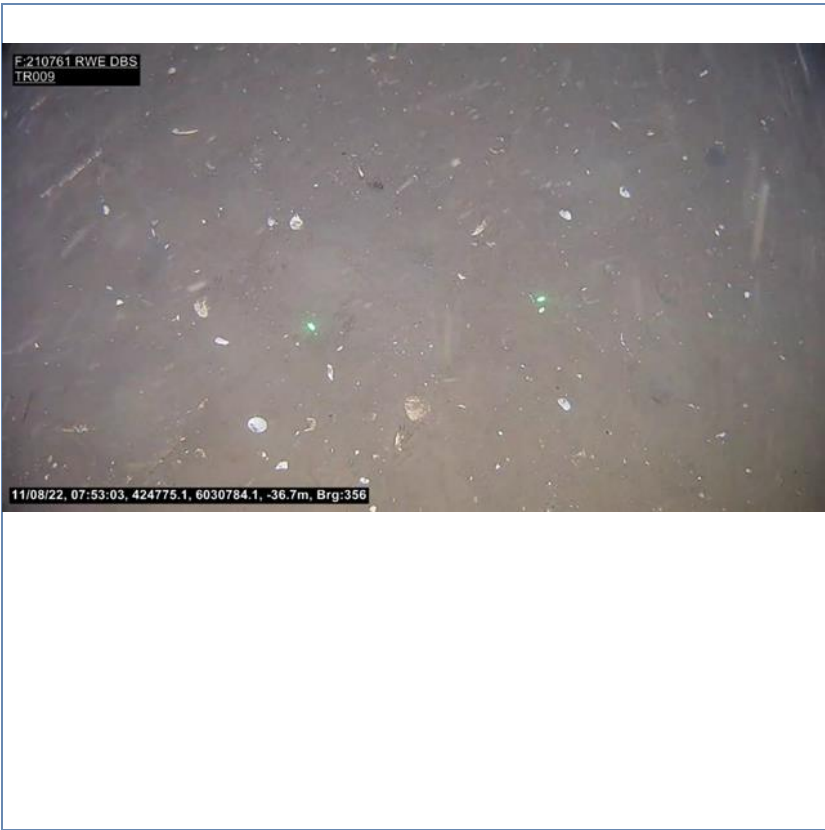


Photograph:
210761_ST0003_013

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified

TRANSECT/STATION ST009



Photograph:
210761_ST009_001

Sediment Type:
Muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST009_019

Sediment Type:
Muddy sand with shell fragments

Fauna:
A: Faunal turf (Hydrozoan/Bryozoan)

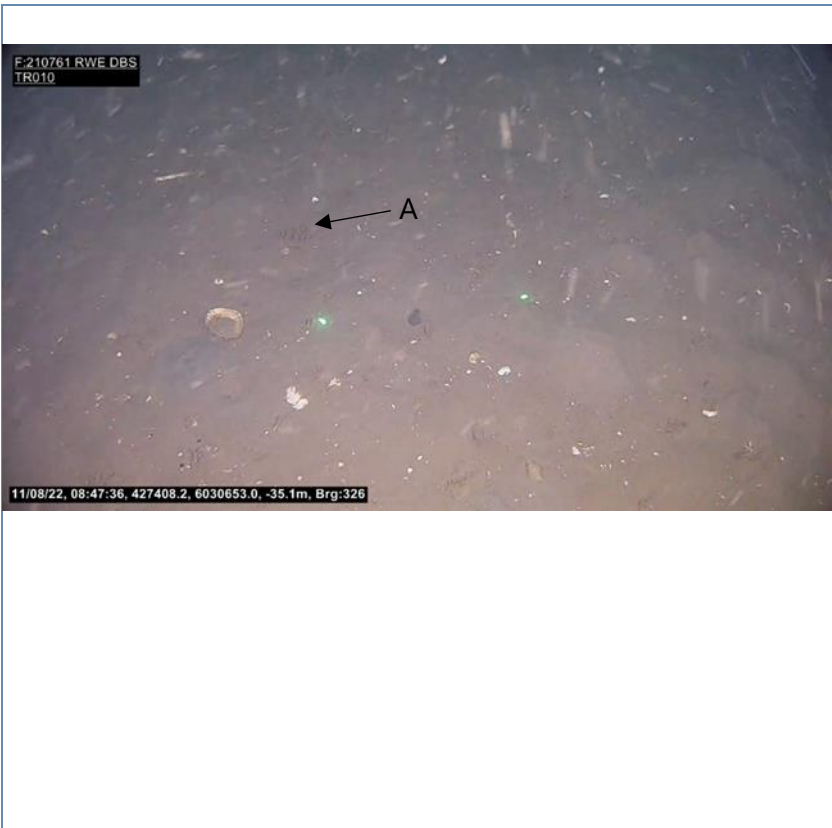
TRANSECT/STATION ST010



Photograph:
210761_ST010_002

Sediment Type:
Muddy sand with shell fragments and pebbles

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa)



Photograph:
210761_ST010_015

Sediment Type:
Muddy sand with shell fragments and pebbles

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa)

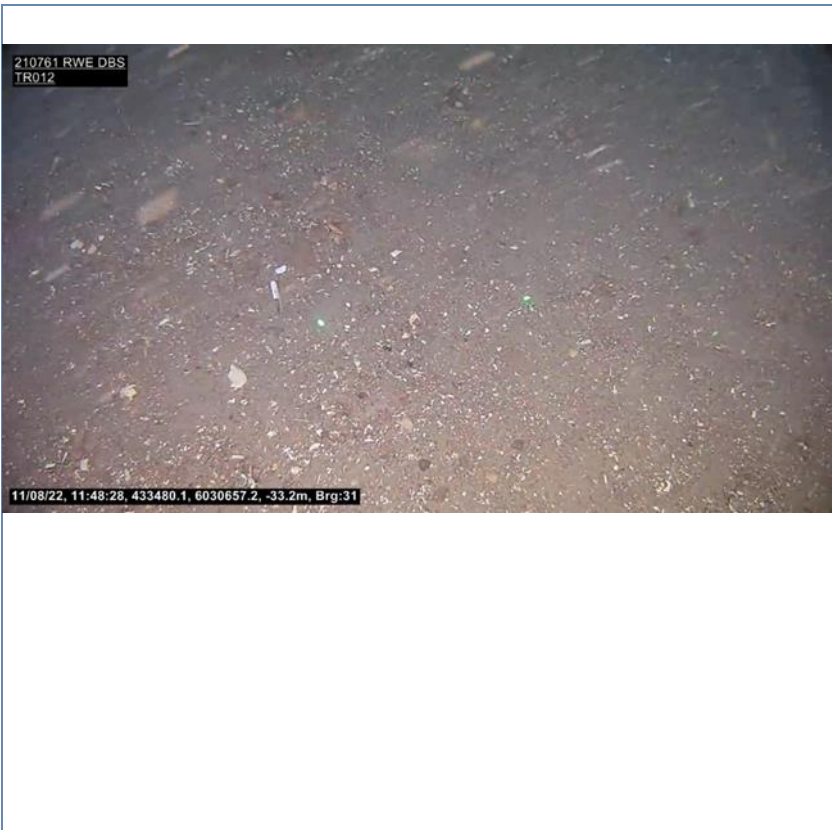
TRANSECT/STATION ST012



Photograph:
210761_ST012_001

Sediment Type:
Gravelly sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified



Photograph:
210761_ST012_015

Sediment Type:
Gravelly sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

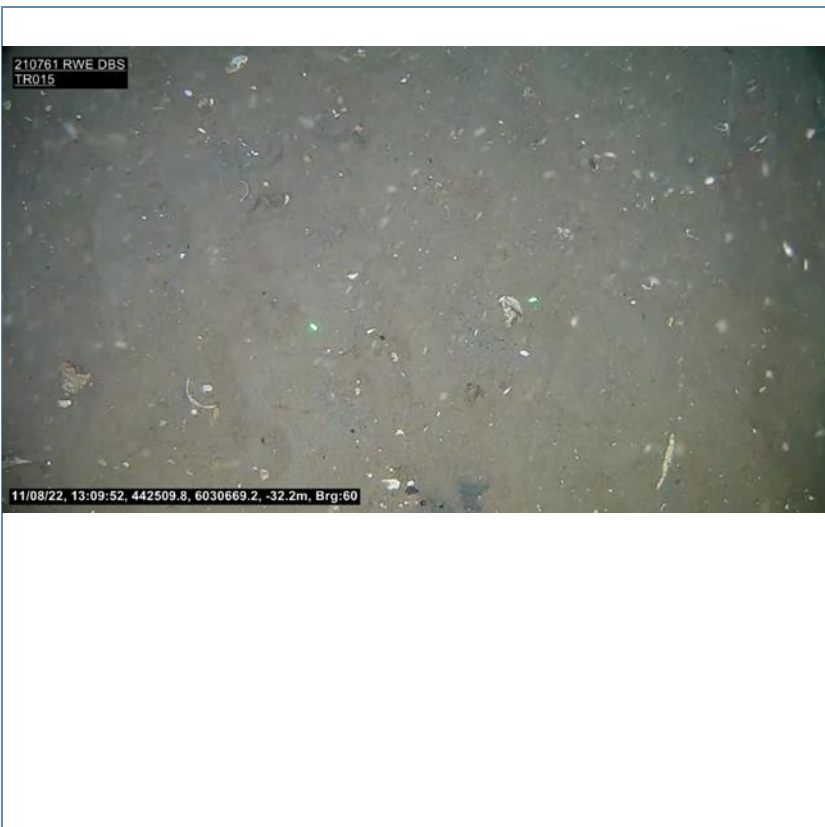
TRANSECT/STATION ST015A



Photograph:
210761_ST015A_001

Sediment Type:
Muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

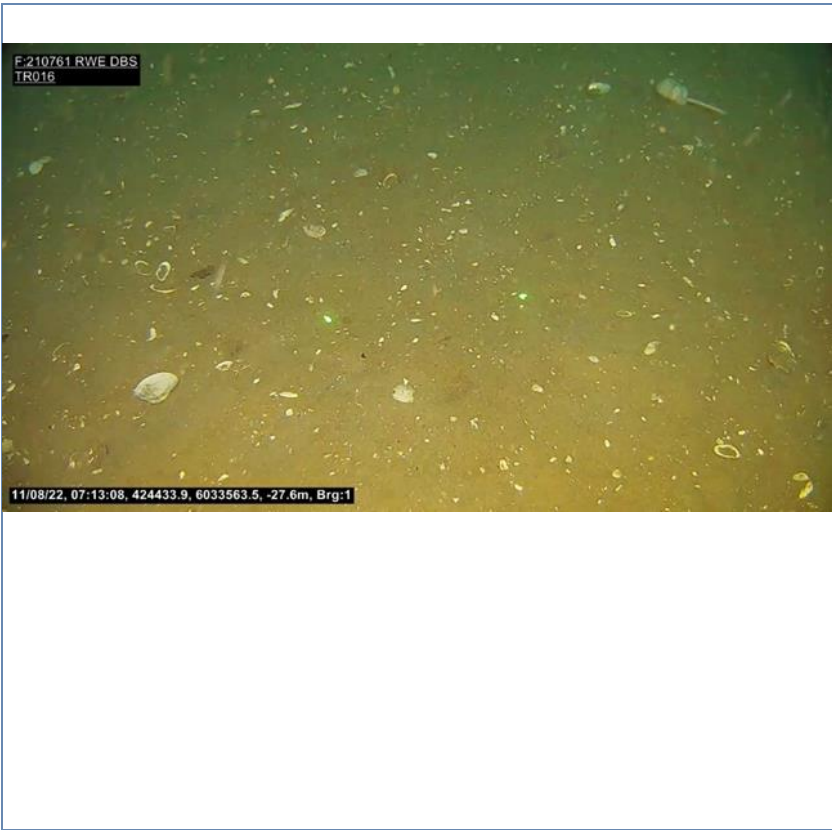


Photograph:
210761_ST015A_013

Sediment Type:
Muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

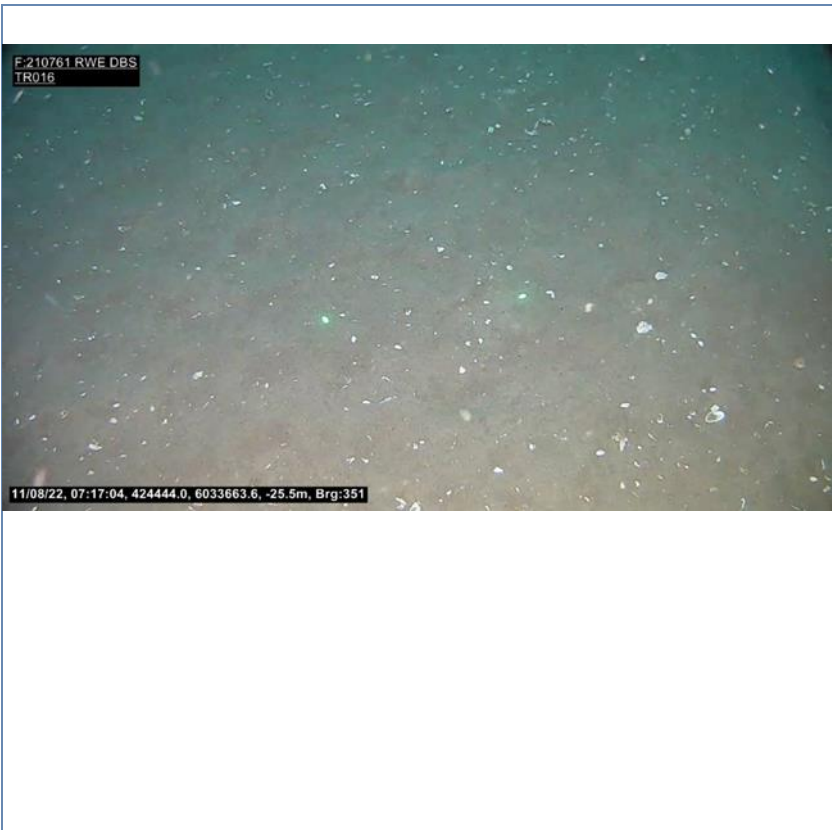
TRANSECT/STATION ST016



Photograph:
210761_ST016_001

Sediment Type:
Sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified



Photograph:
210761_ST016_014

Sediment Type:
Sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

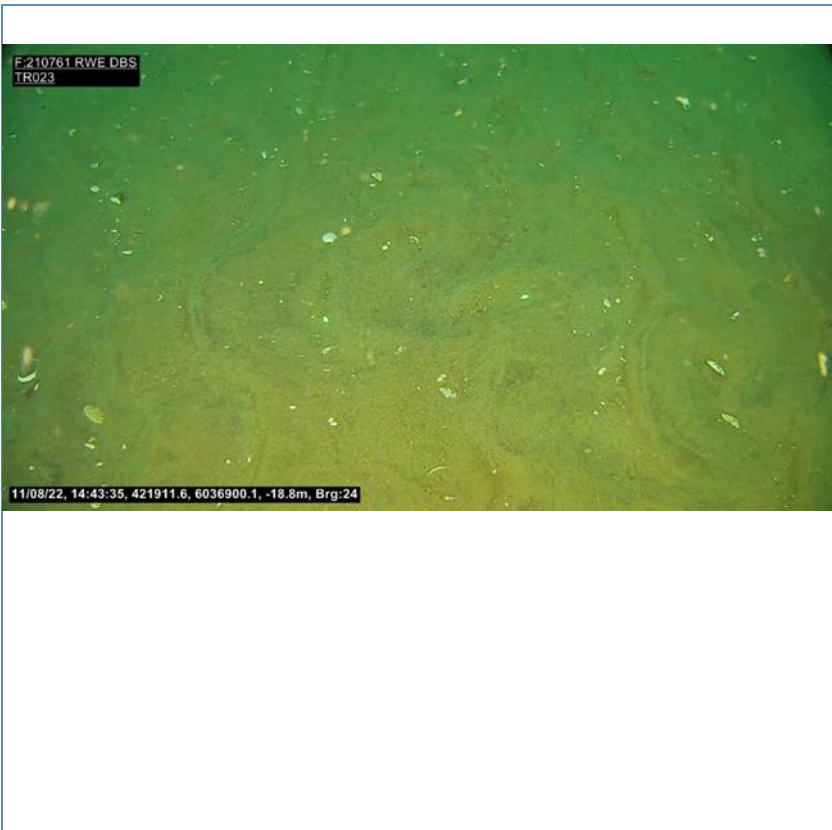
TRANSECT/STATION ST023



Photograph:
210761_ST023_002

Sediment Type:
Rippled sand with shell fragments and occasional pebbles

Fauna:
No fauna identified

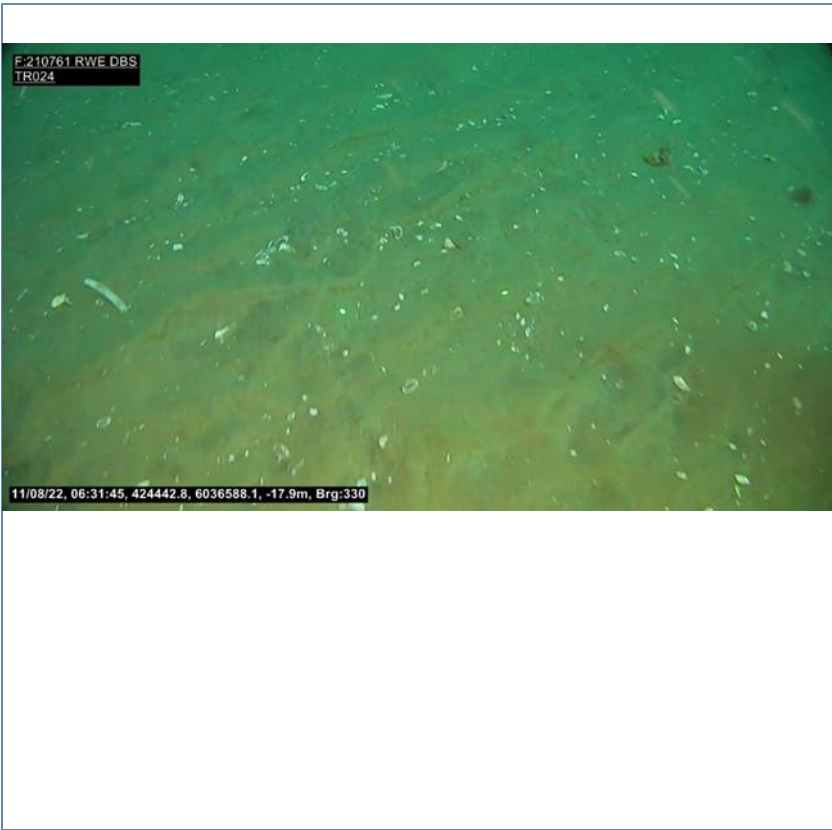


Photograph:
210761_ST023_16

Sediment Type:
Rippled sand with shell fragments and occasional pebbles

Fauna:
No fauna identified

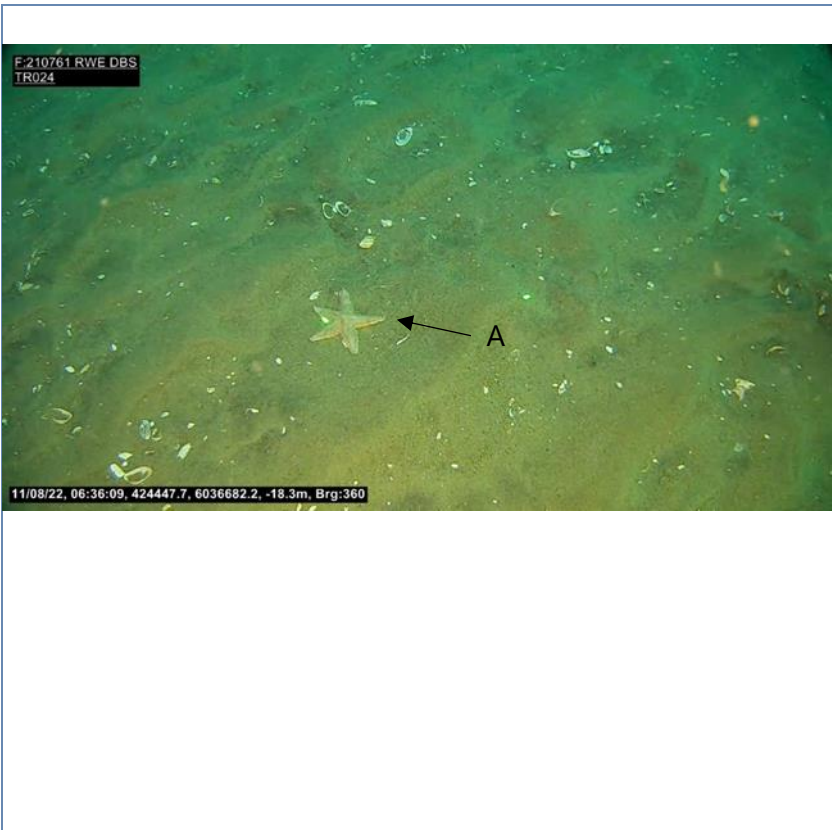
TRANSECT/STATION ST024



Photograph:
210761_ST024_001

Sediment Type:
Rippled sand with shell fragments and occasional pebbles

Fauna:
No fauna identified



Photograph:
210761_ST024_019

Sediment Type:
Rippled sand with shell fragments and occasional pebbles

Fauna:
A: Starfish (*Astropecten irregularis*)

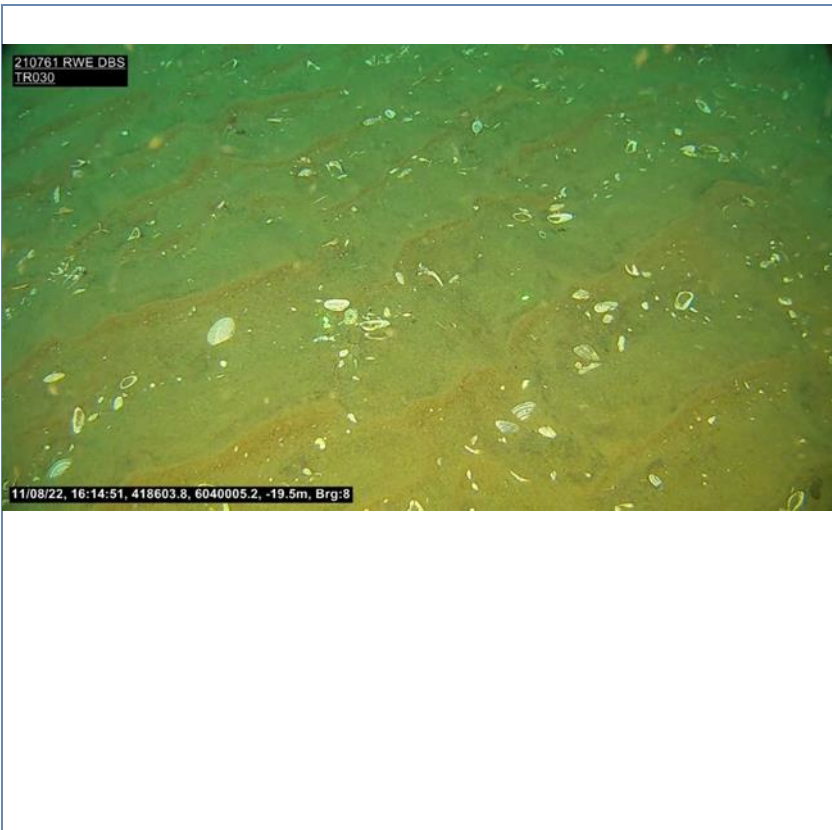
TRANSECT/STATION ST030



Photograph:
210761_ST030_001

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST030_013

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

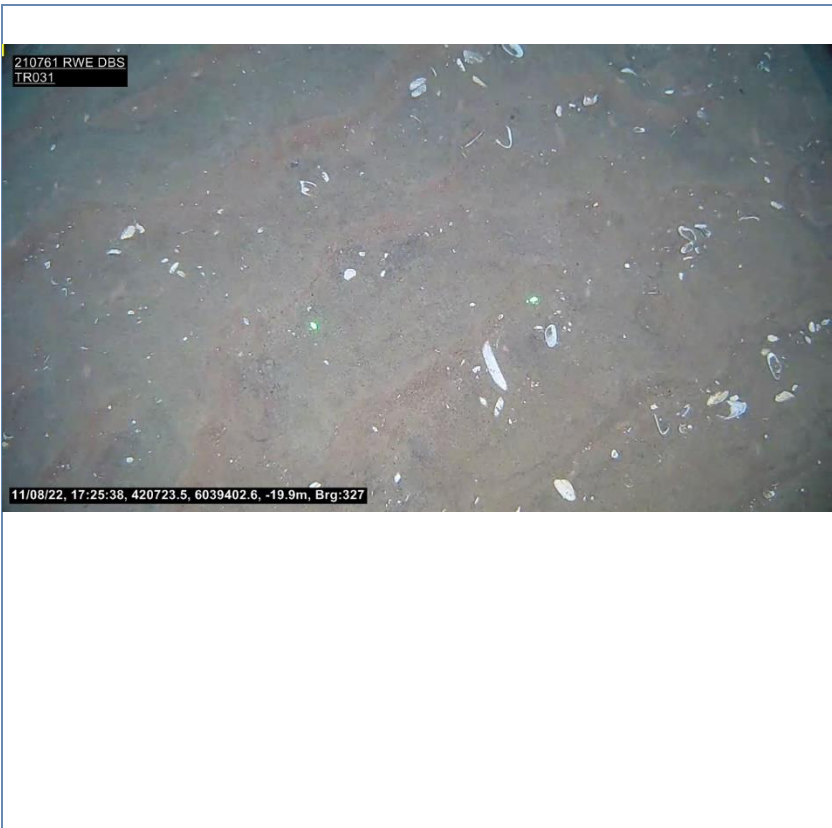
TRANSECT/STATION ST031



Photograph:
210761_ST031_002

Sediment Type:
Rippled sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

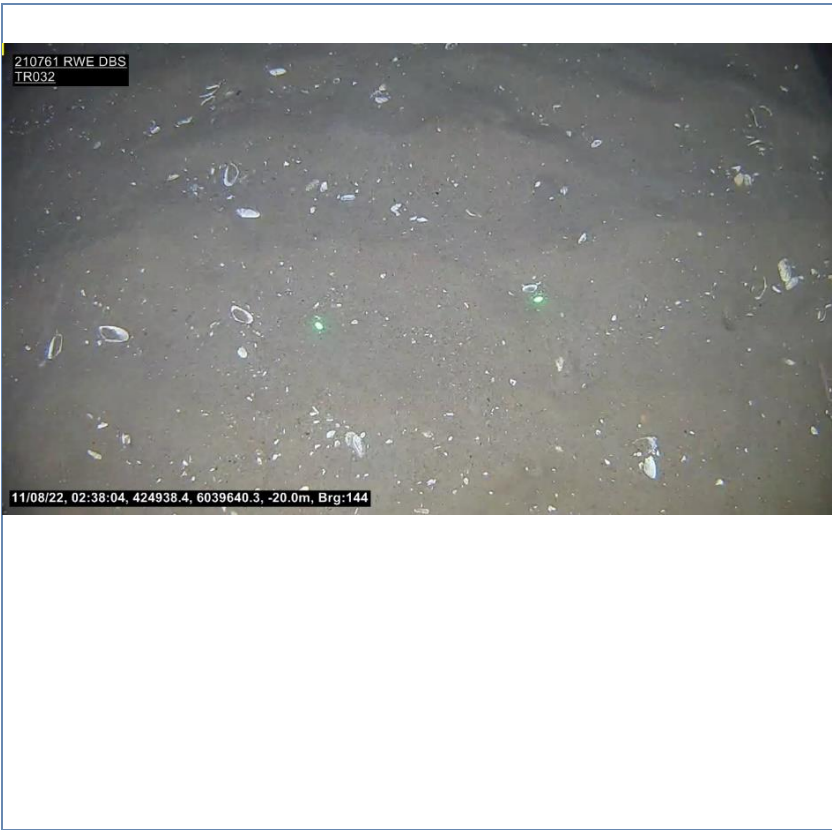


Photograph:
210761_ST031_019

Sediment Type:
Rippled sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

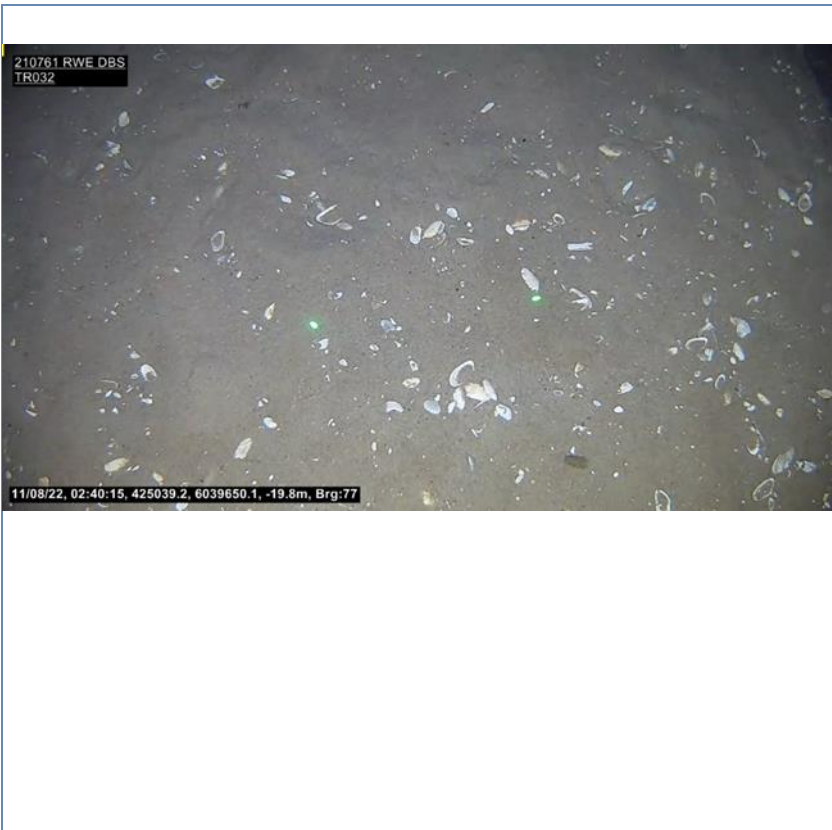
TRANSECT/STATION ST032



Photograph:
210761_ST032_002

Sediment Type:
Rippled sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified



Photograph:
210761_ST032_013

Sediment Type:
Rippled sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

TRANSECT/STATION ST038



Photograph:
210761_ST038_001

Sediment Type:
Rippled sand with shell fragments

Fauna:
A: Starfish (*Astropecten irregularis*)



Photograph:
210761_ST038_016

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified

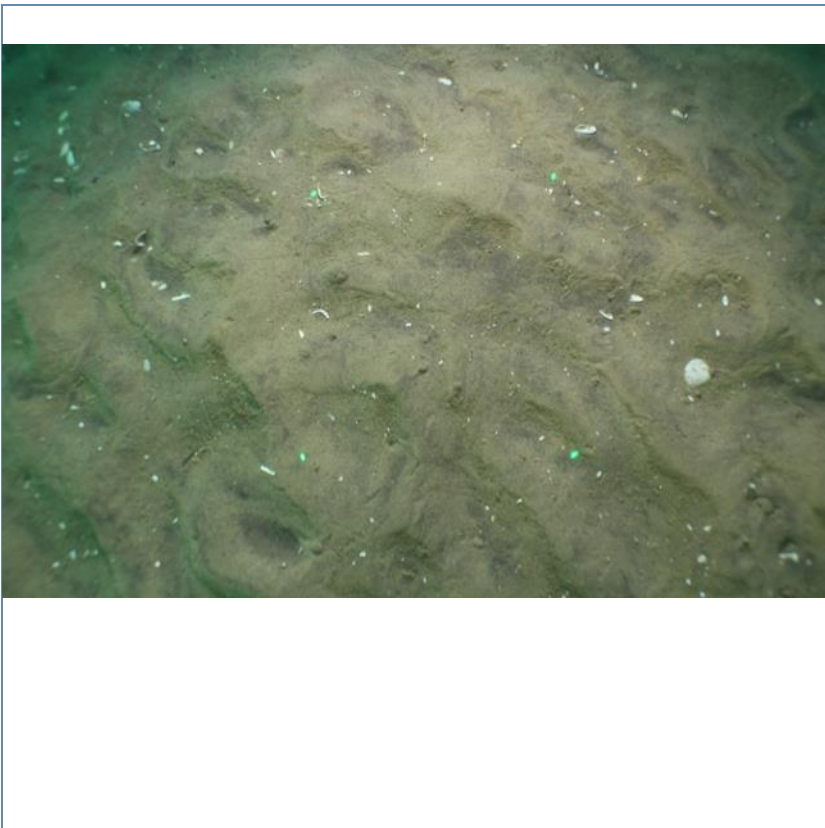
TRANSECT/STATION ST041



Photograph:
210761_TR041_001

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa)



Photograph:
210761_TR041_014

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST042



Photograph:
210761_TR042_001

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
A: Starfish (*Asterias rubens*)

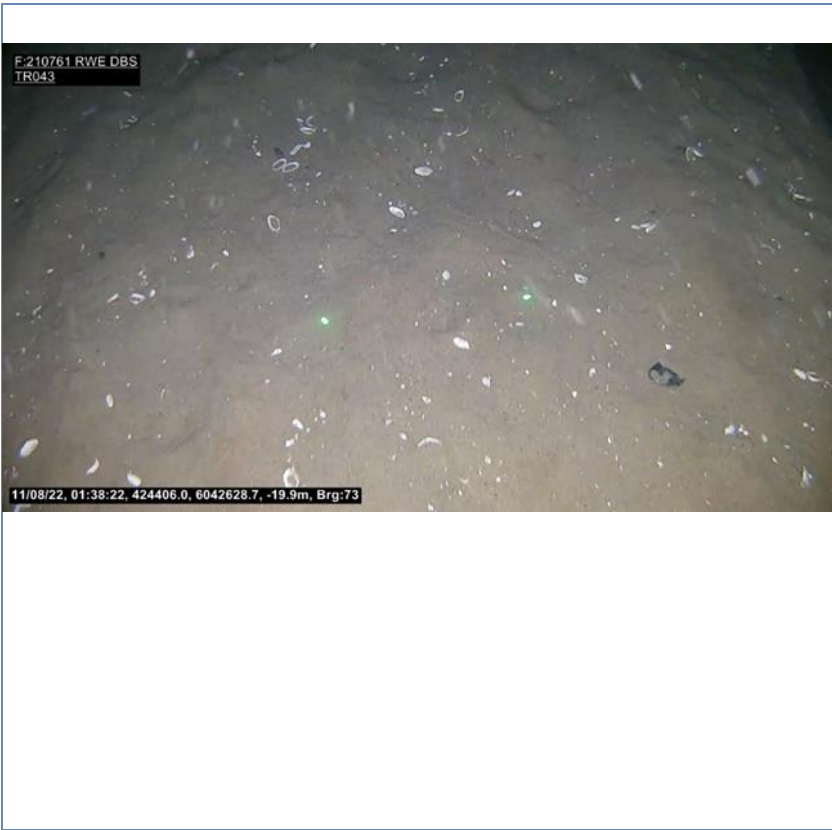


Photograph:
210761_TR042_015

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
No fauna identified

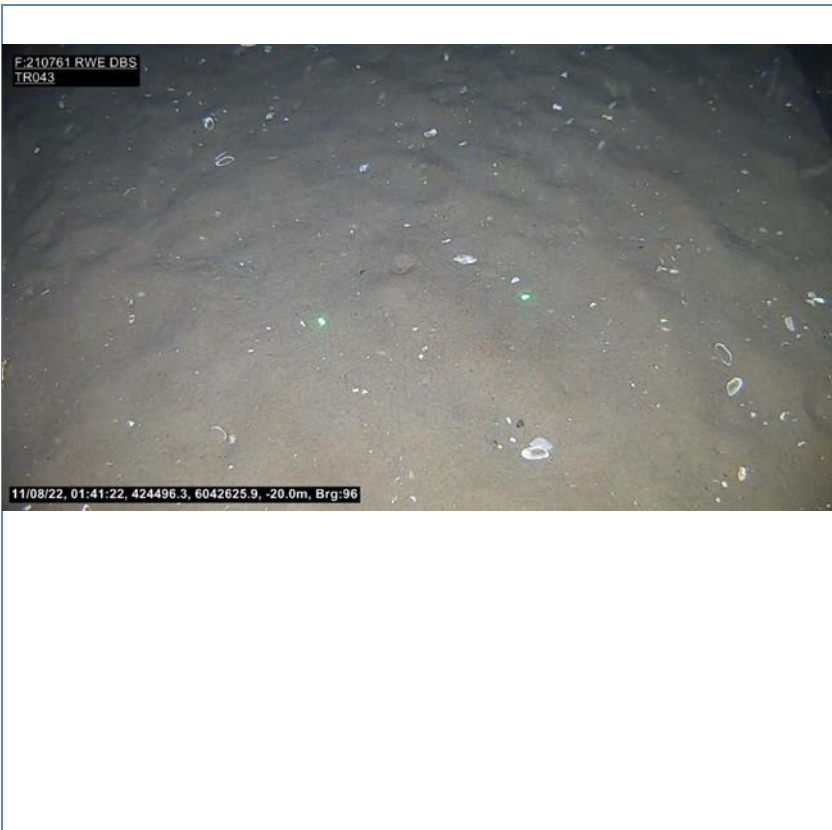
TRANSECT/STATION ST043



Photograph:
210761_ST043_002

Sediment Type:
Rippled sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified



Photograph:
210761_ST043_016

Sediment Type:
Rippled sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

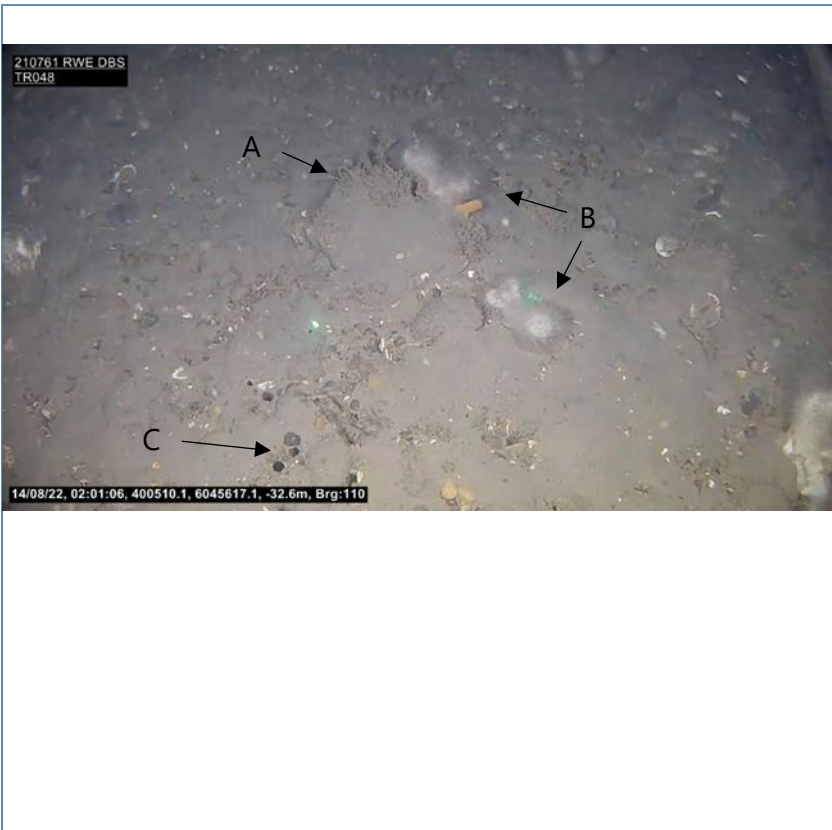
TRANSECT/STATION ST048



Photograph:
210761_ST048_001

Sediment Type:
Muddy sand with shell fragments and pebbles overlying clay

Fauna:
A: Piddock burrows (*Imparidentia*)

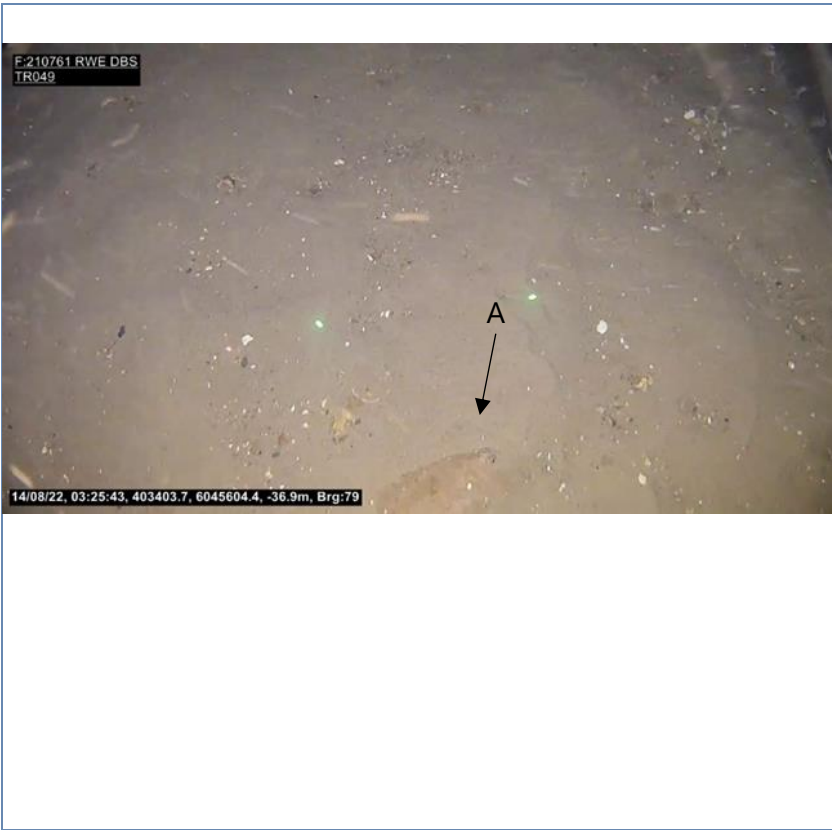


Photograph:
210761_ST048_012

Sediment Type:
Mixed sediment (Muddy sand with pebbles, cobbles, shell fragments and occasional boulders) overlying clay

Fauna:
A: Faunal turf (*Hydrozoa/Bryozoa*)
B: Soft coral (*Alcyonium digitatum*)
C: Piddock burrows (*Imparidentia*)

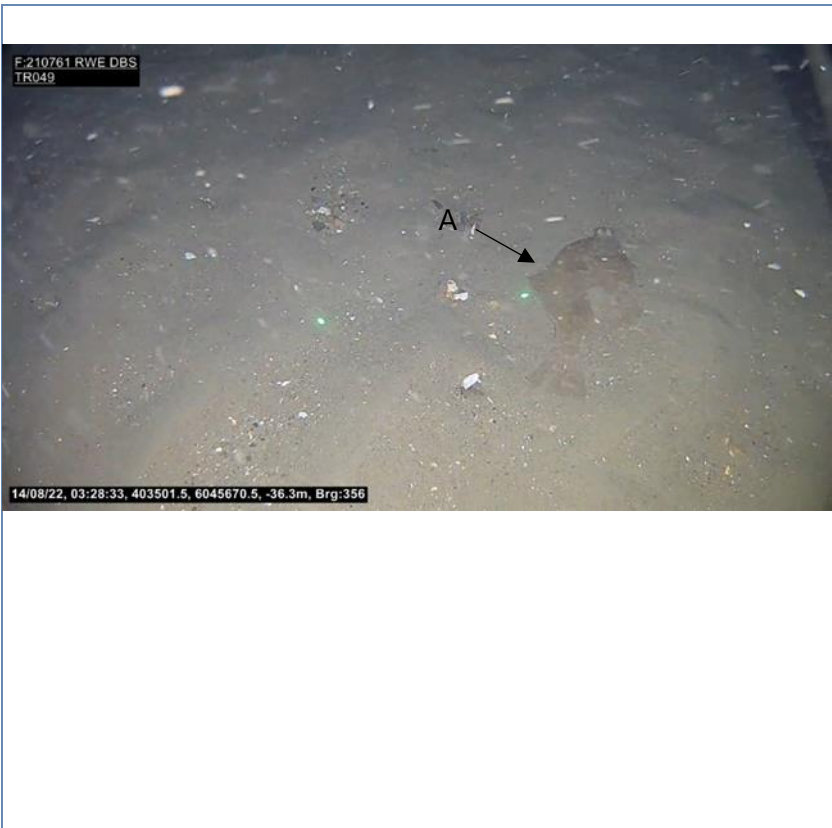
TRANSECT/STATION ST049



Photograph:
210761_ST049_001

Sediment Type:
Muddy sand with shell fragments and varying proportions of coarser sediment (pebbles and sporadic cobbles)

Fauna:
A: Flatfish (Pleuronectiformes)



Photograph:
210761_ST049_010

Sediment Type:
Muddy sand with shell fragments and varying proportions of coarser sediment (pebbles and sporadic cobbles)

Fauna:
A: Flatfish (Pleuronectiformes)

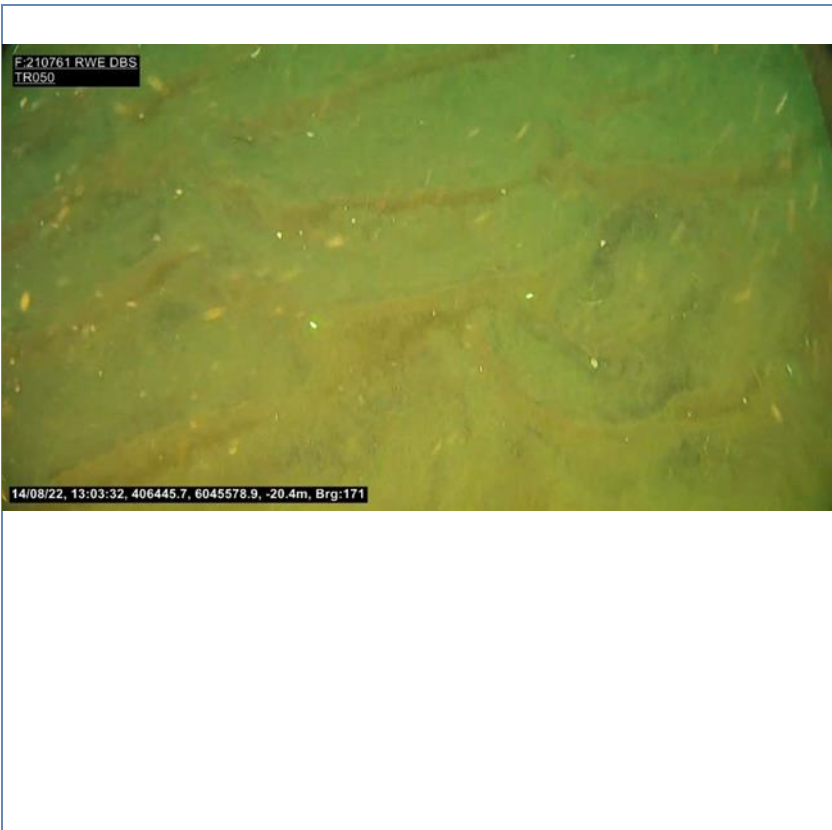
TRANSECT/STATION ST050



Photograph:
210761_ST050_001

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST050_022

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified

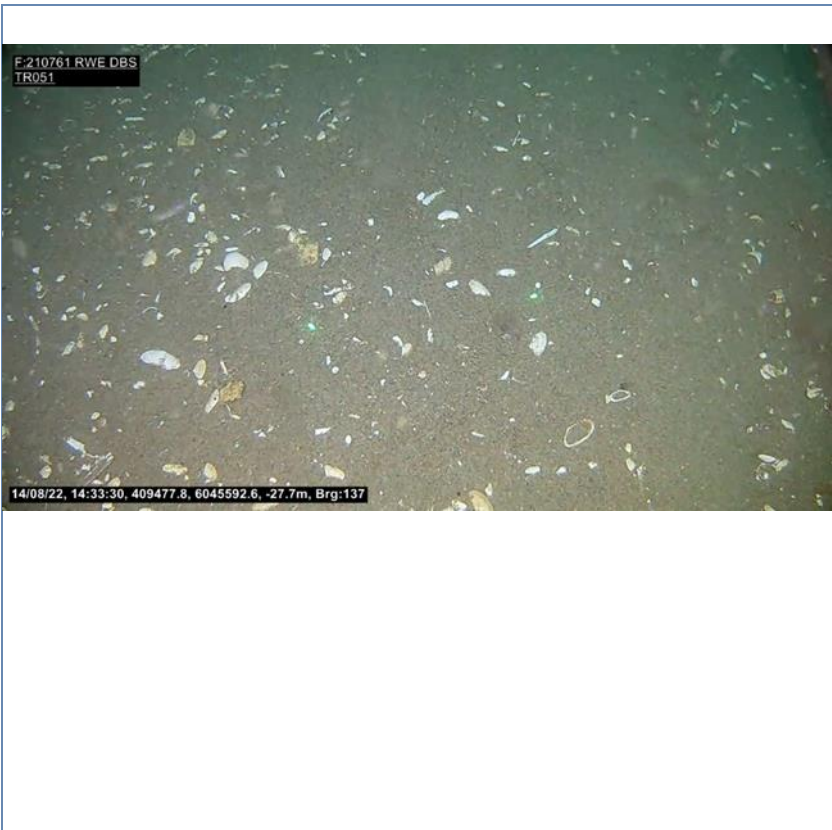
TRANSECT/STATION ST051



Photograph:
210761_ST51_001

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST51_019

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST052



Photograph:
210761_ST052_001

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST052_016

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST054



Photograph:
210761_TR054_001

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_TR054_020

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST055



Photograph:
210761_TR055_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
Faunal tracks. No fauna identified

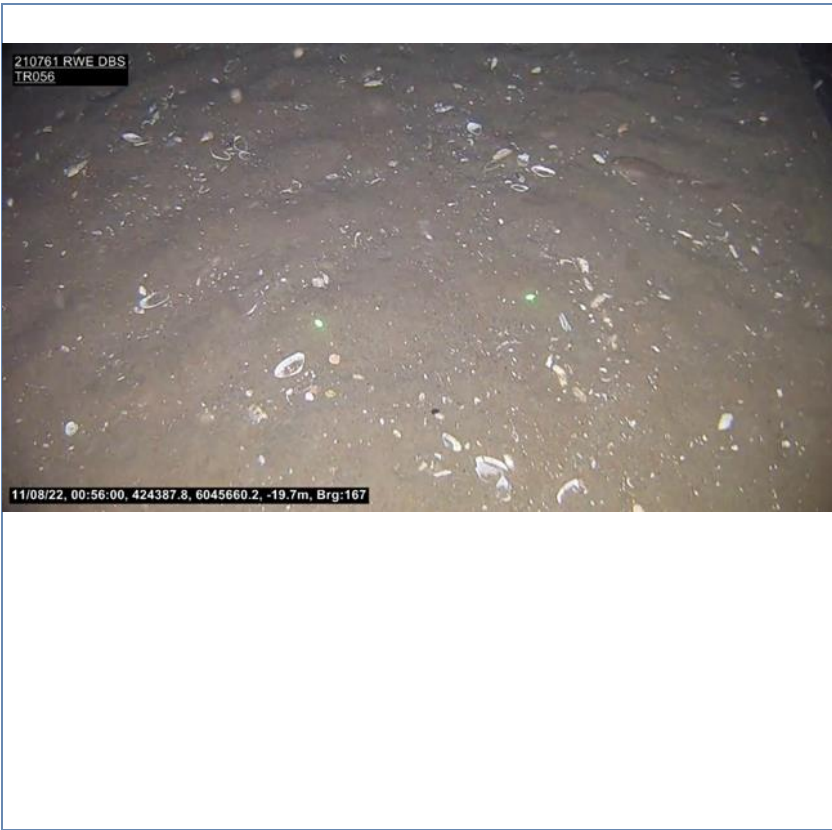


Photograph:
210761_TR055_014

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

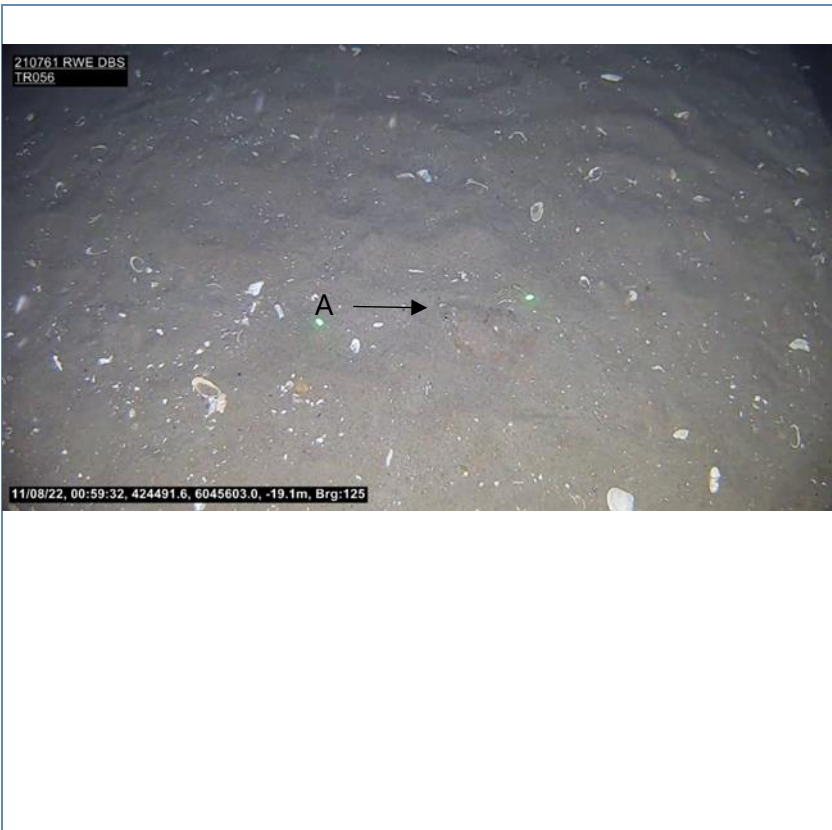
TRANSECT/STATION ST056



Photograph:
210761_ST056_001

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

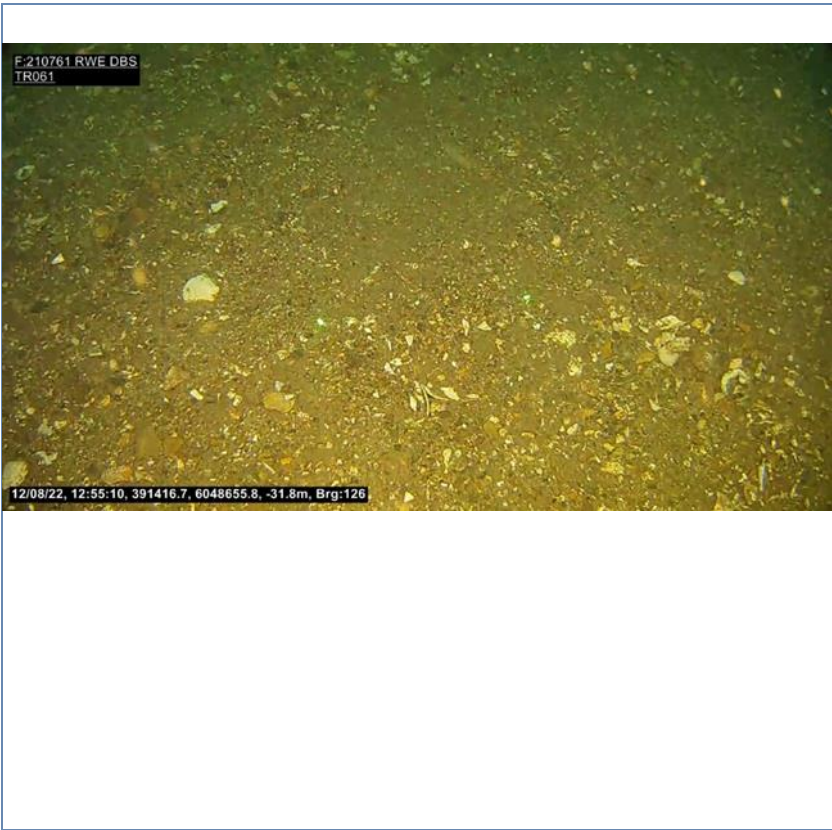


Photograph:
210761_ST056_018

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
A: Flatfish (Pleuronectiformes)

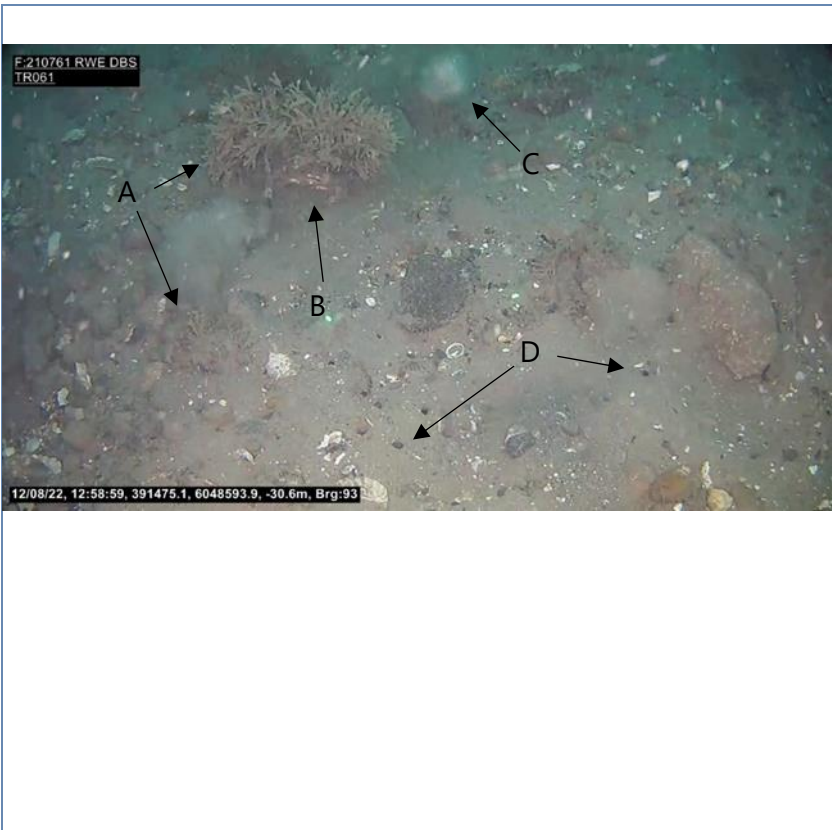
TRANSECT/STATION ST061



Photograph:
210761_ST061_001

Sediment Type:
(Slightly) gravelly sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

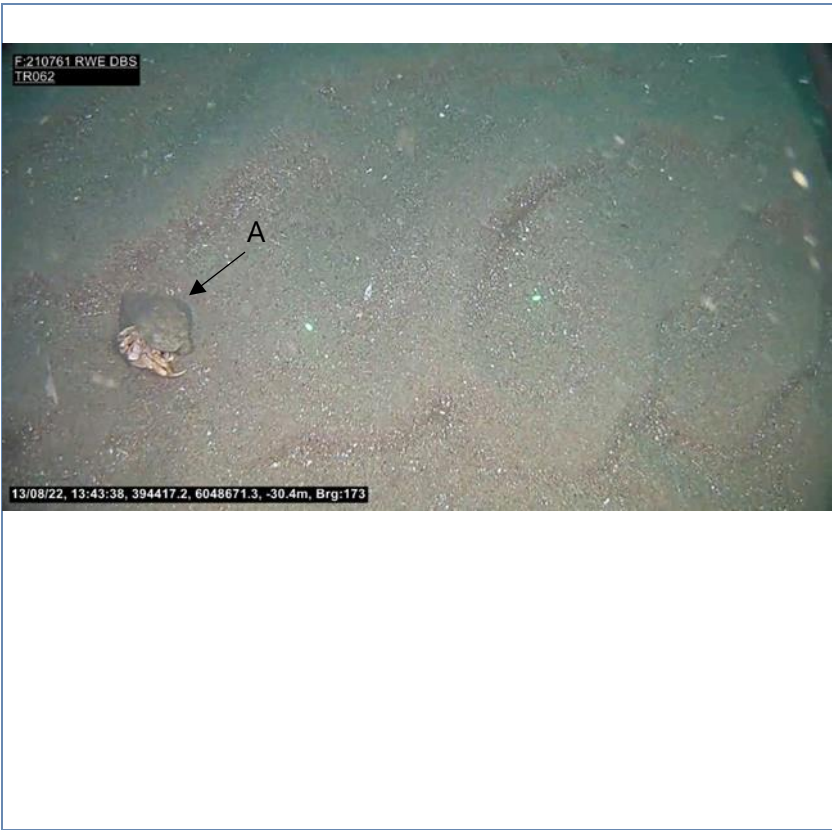


Photograph:
210761_ST061_020

Sediment Type:
Muddy sandy gravel with pebbles, cobbles and shell fragments

Fauna:
A: Faunal turf (Hydrozoa/bryozoa inc. Flustridae)
B: Crab (Brachyura)
C: Soft coral (*Alcyonium digitatum*)
D: Piddock burrows (Imparidentia)

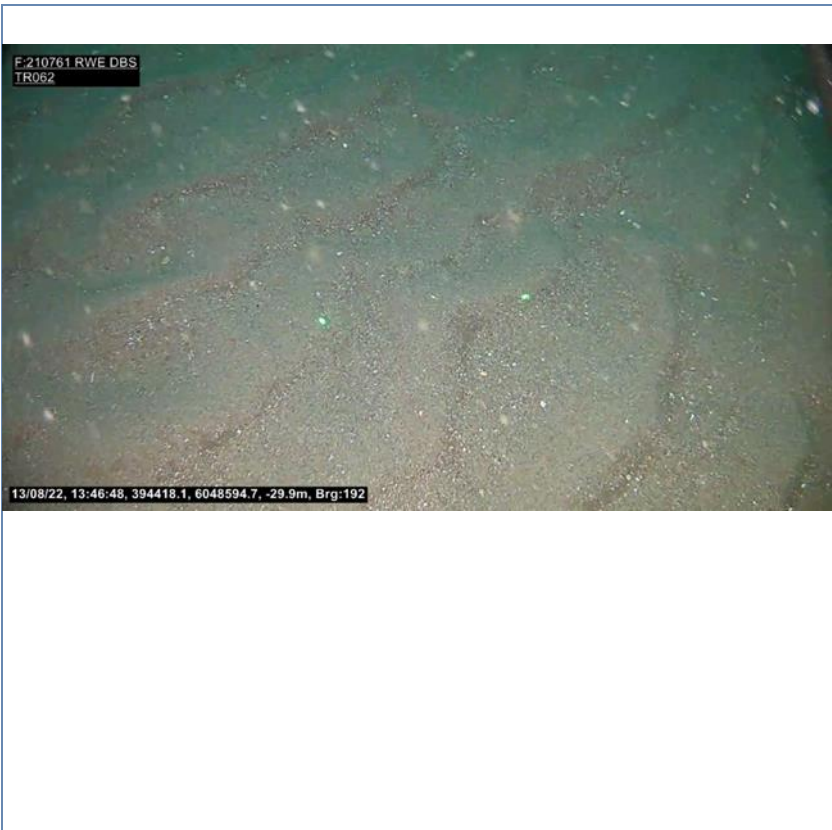
TRANSECT/STATION ST062



Photograph:
210761_ST062_001

Sediment Type:
Rippled sand with shell fragments

Fauna:
A: Hermit crab (Paguridae) with associated hydrozoan (*Hydractinia* sp.)

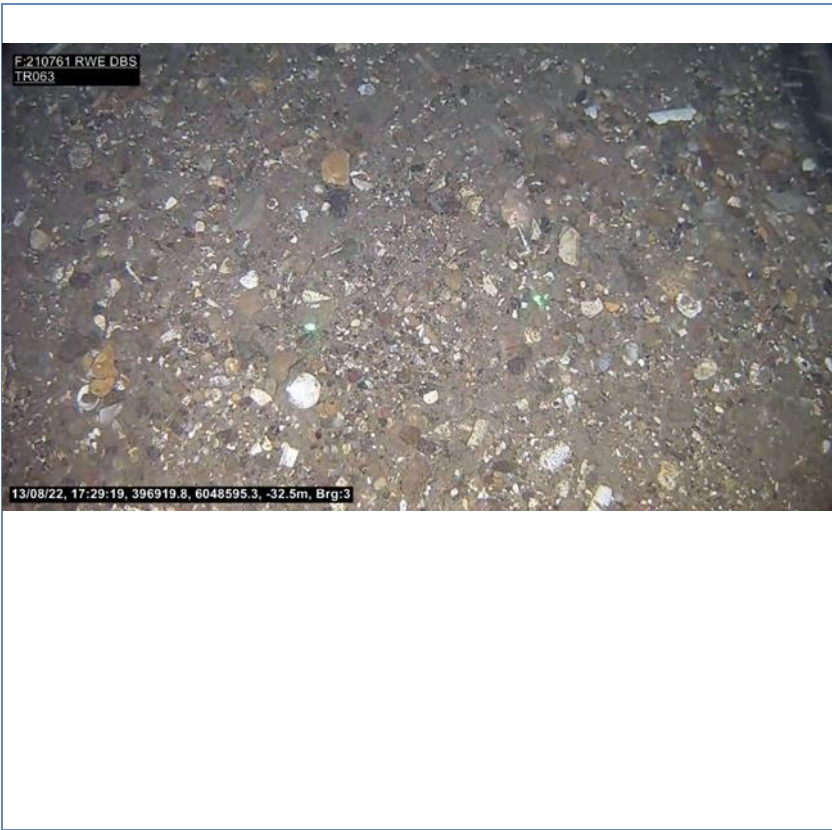


Photograph:
210761_ST062_015

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified

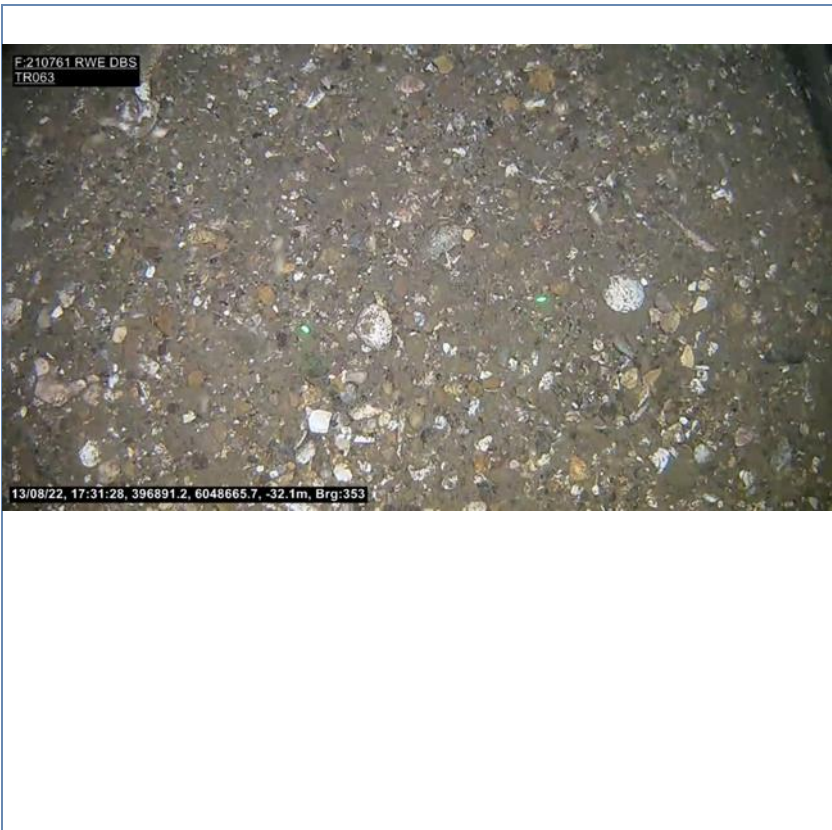
TRANSECT/STATION ST063



Photograph:
210761_ST063_001

Sediment Type:
(Slightly) gravelly sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

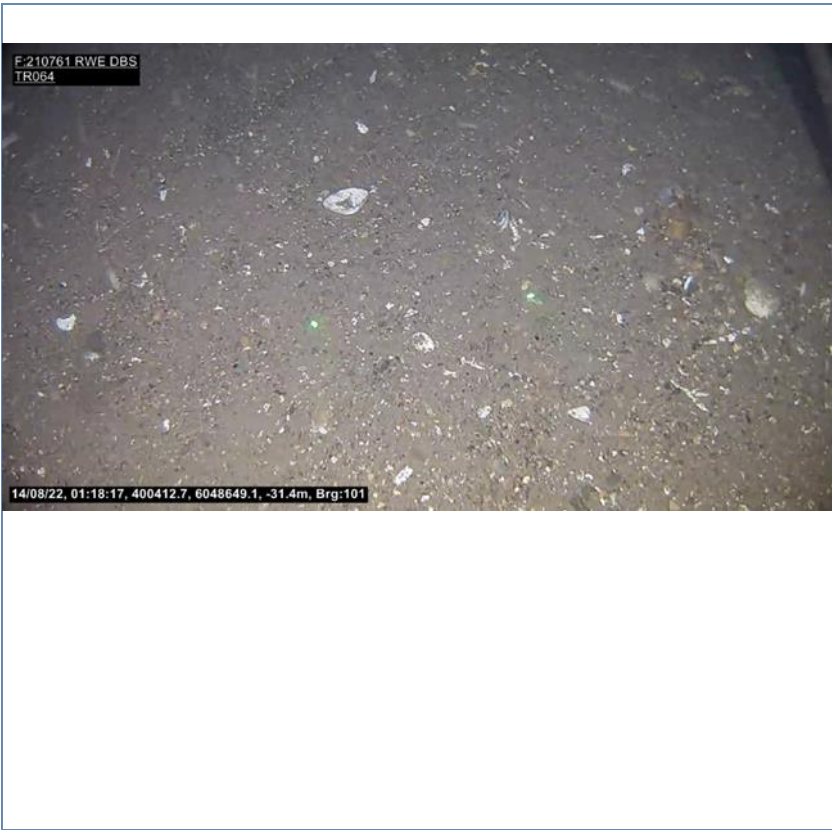


Photograph:
210761_ST063_017

Sediment Type:
(Slightly) gravelly sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

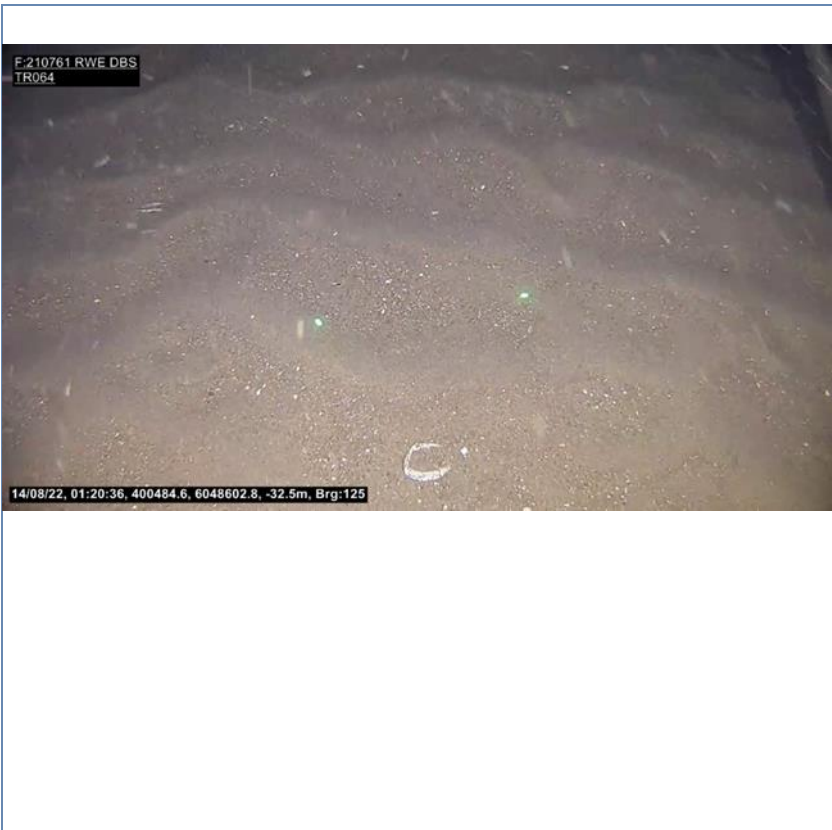
TRANSECT/STATION ST064



Photograph:
210761_ST064_001

Sediment Type:
Rippled sand with shell fragments and patches of coarser sediment (gravelly sand)

Fauna:
No fauna identified



Photograph:
210761_ST064_010

Sediment Type:
Rippled sand with shell fragments and patches of coarser sediment (gravelly sand)

Fauna:
No fauna identified

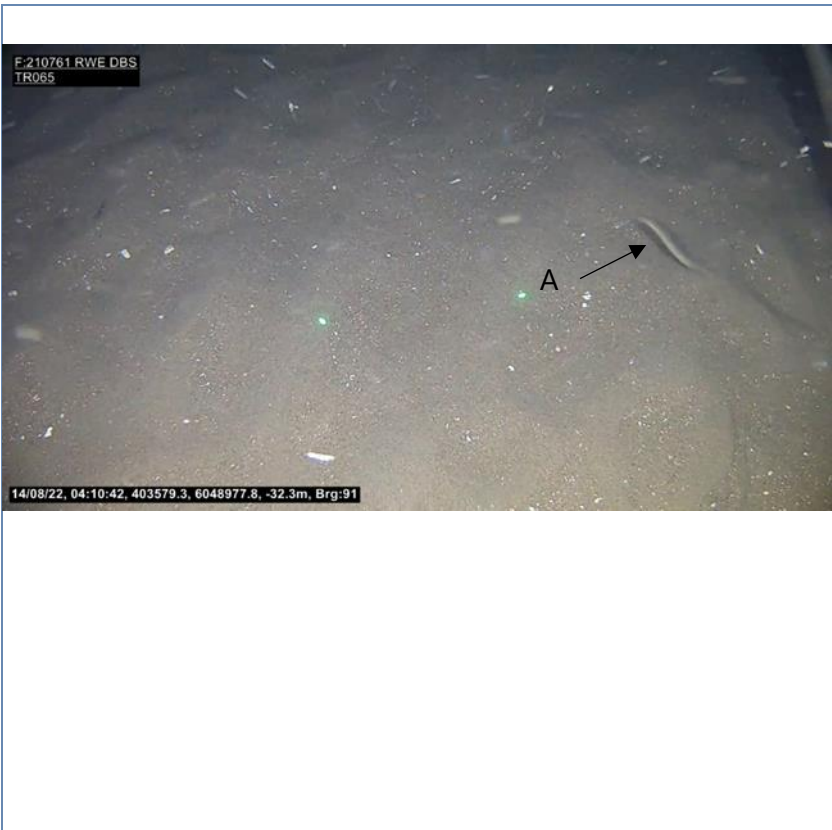
TRANSECT/STATION ST065



Photograph:
210761_ST065_02

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST065_16

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
A: Sandeel (Ammodytidae)

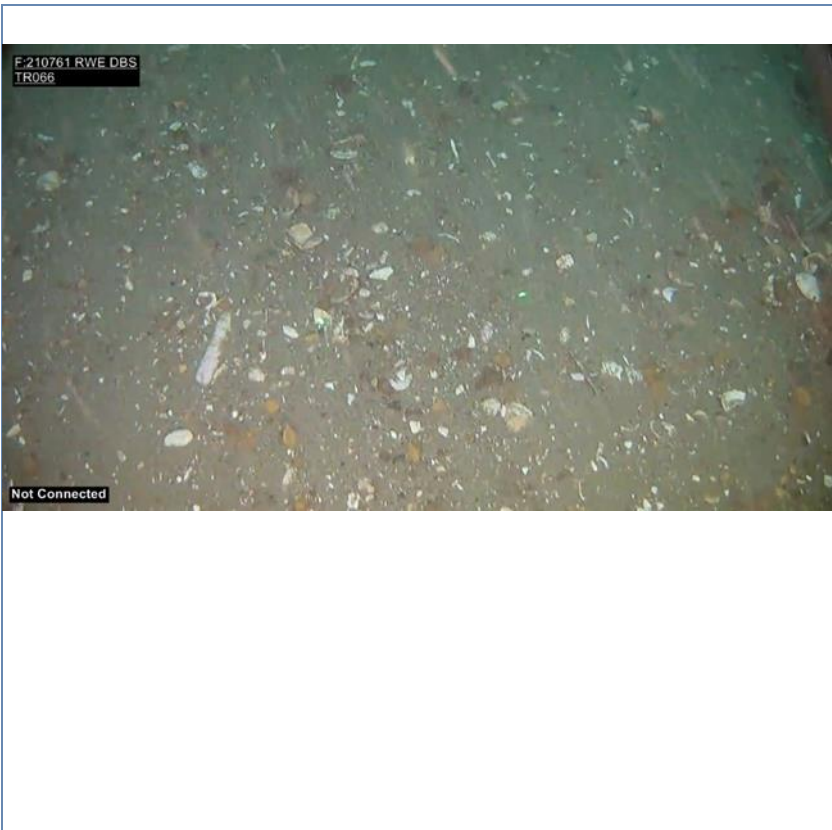
TRANSECT/STATION ST066



Photograph:
210761_ST066_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST066_18

Sediment Type:
Coarse sediment (Sandy gravel/gravelly sand with shell fragments and pebbles)

Fauna:
No fauna identified

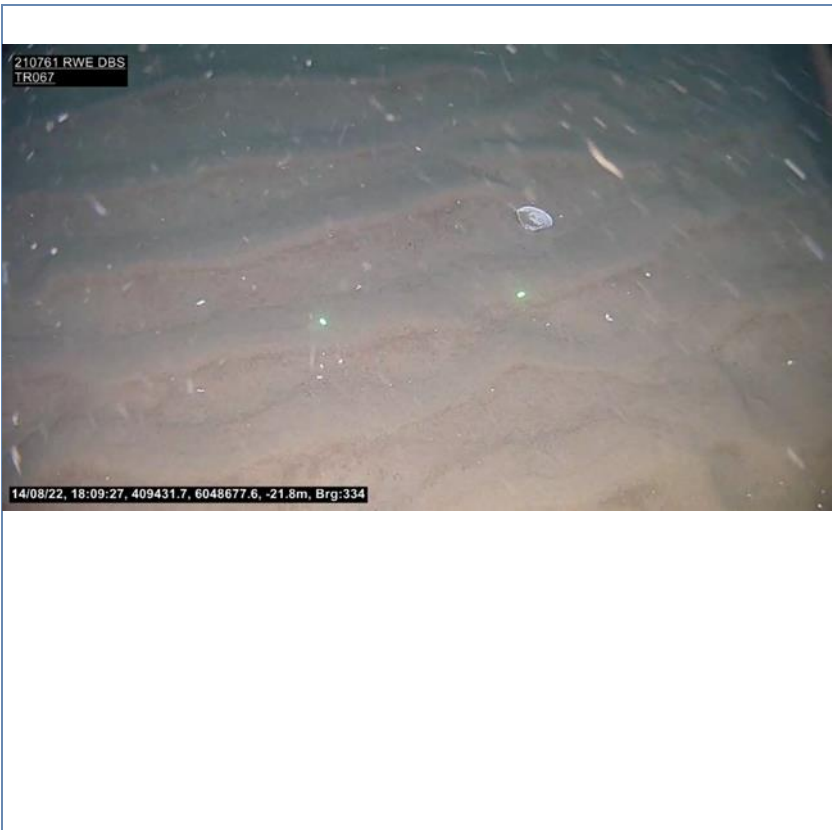
TRANSECT/STATION ST067



Photograph:
210761_ST067_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
A: Sandeel (Ammodytidae)



Photograph:
210761_ST067_18

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

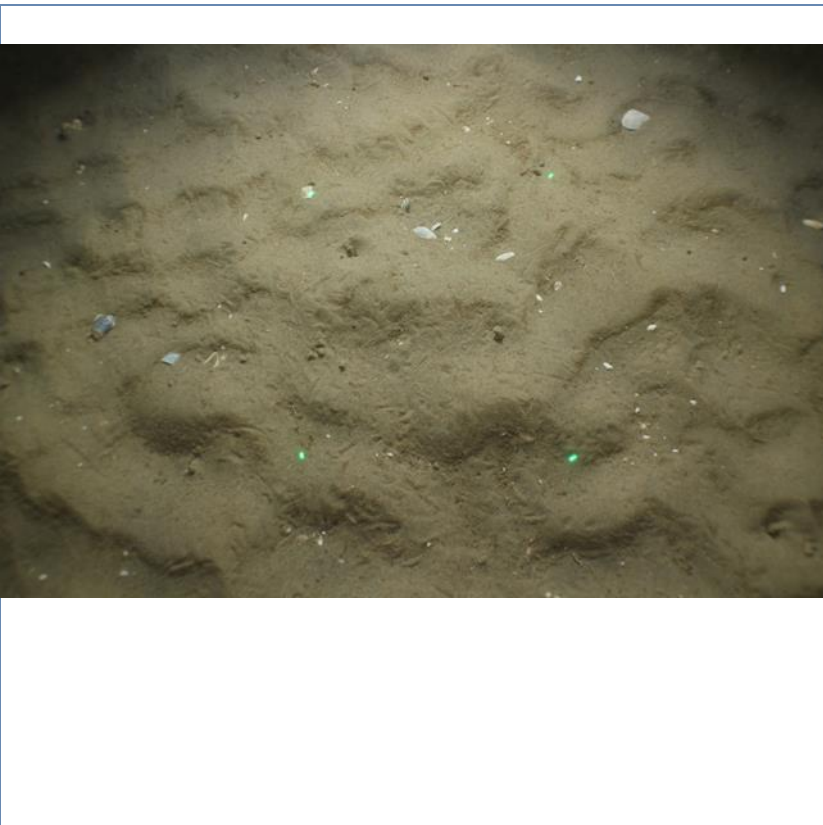
TRANSECT/STATION ST069



Photograph:
210761_ST069_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

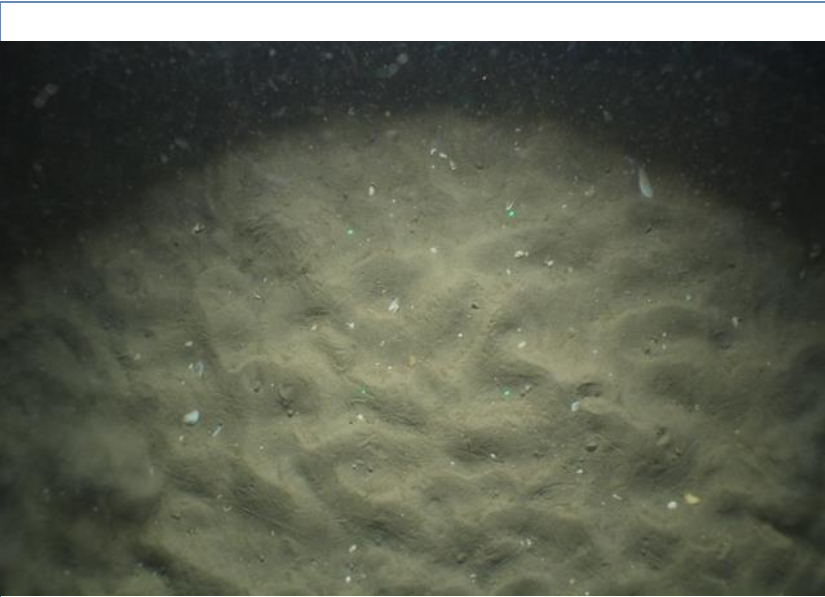


Photograph:
210761_ST069_04

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
Faunal tracks. No fauna identified

TRANSECT/STATION ST069A



Photograph:
210761_ST069A_01

Sediment Type:
Rippled muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST069A_11

Sediment Type:
Rippled muddy sand with shell fragments

Fauna:
Faunal tracks and burrows. No fauna identified

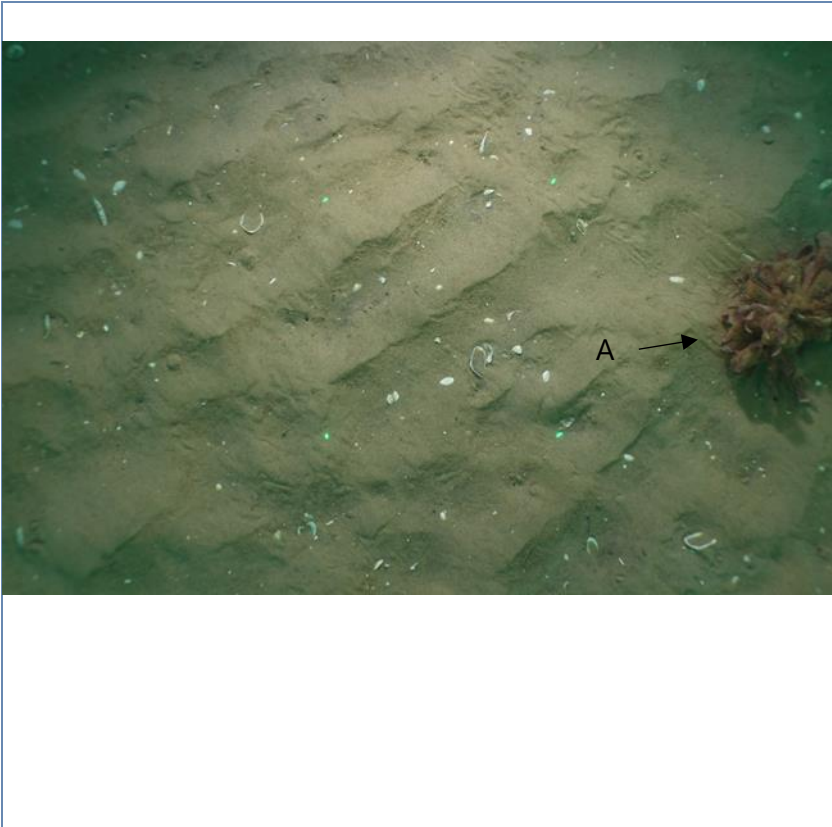
TRANSECT/STATION ST070



Photograph:
210761_ST070_01

Sediment Type:
Rippled sand/muddy sand with shell fragments pebbles

Fauna:
No fauna identified



Photograph:
210761_ST070_11

Sediment Type:
Rippled sand/muddy sand with shell fragments pebbles

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa)

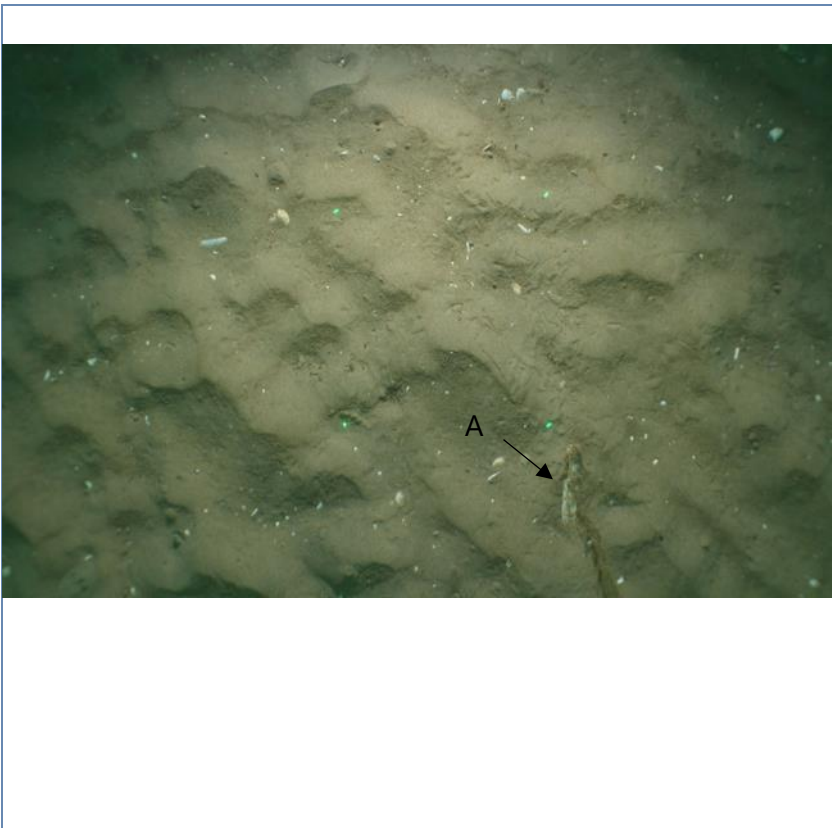
TRANSECT/STATION ST071



Photograph:
210761_ST071_01

Sediment Type:
Rippled sand/muddy sand with shell fragments and pebbles

Fauna:
Faunal burrows. No fauna identified



Photograph:
210761_ST071_20

Sediment Type:
Rippled sand/muddy sand with shell fragments and pebbles

Fauna:
Faunal tracks and burrows
A: Faunal turf (Hydrozoa/Bryozoa)

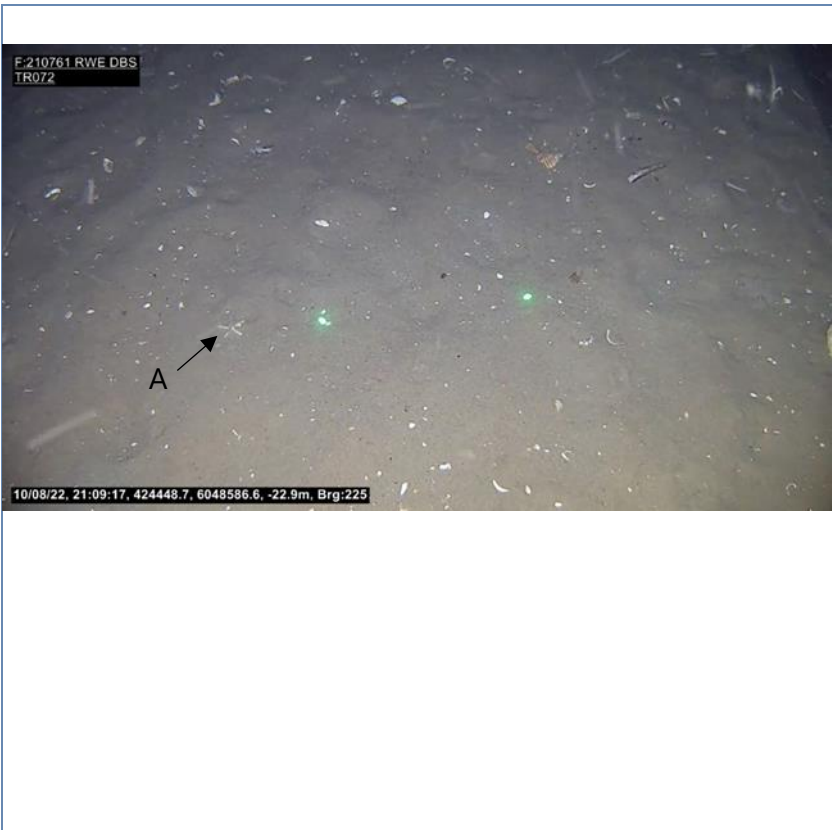
TRANSECT/STATION ST072



Photograph:
210761_ST072_01

Sediment Type:
Rippled sand/muddy sand with shell fragments and pebbles

Fauna:
A: Starfish (*Astropecten irregularis*)

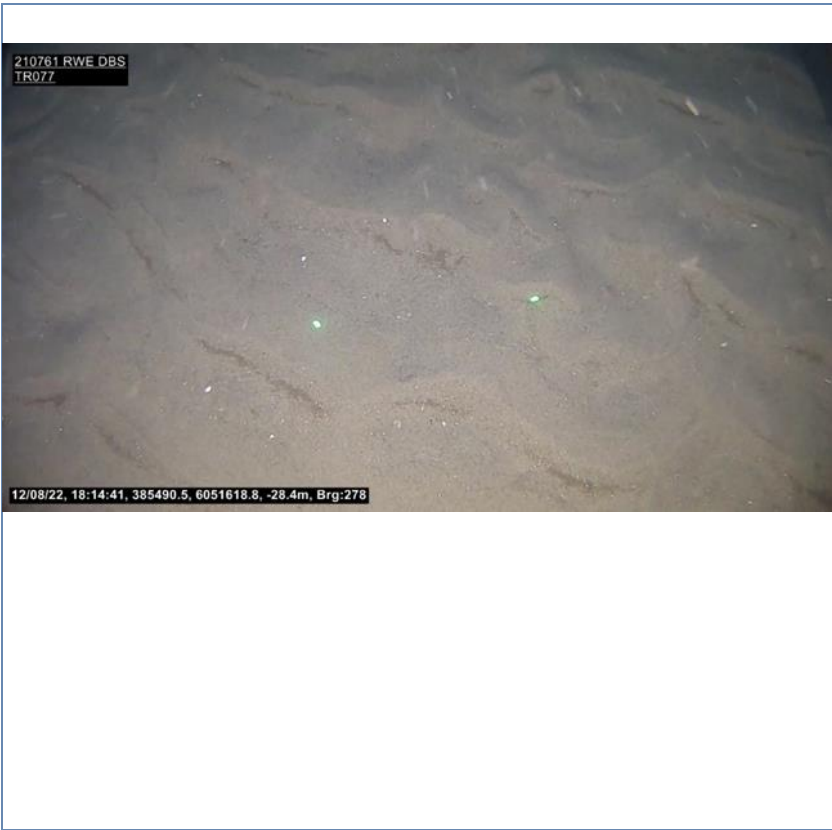


Photograph:
210761_ST072_06

Sediment Type:
Rippled sand/muddy sand with shell fragments and pebbles

Fauna:
A: Starfish (*Asterias rubens*)

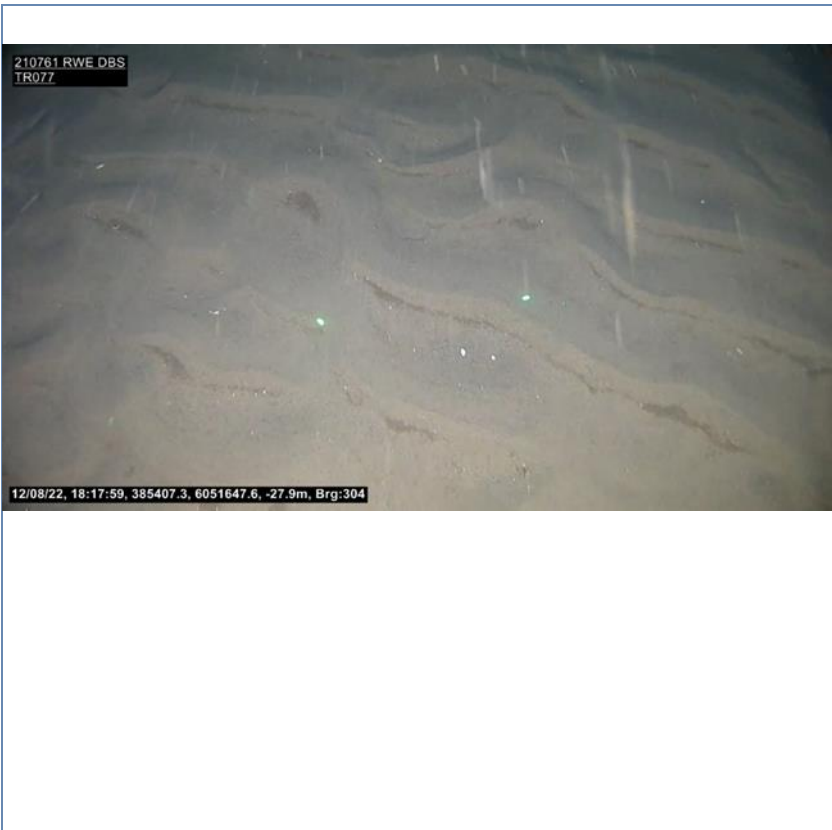
TRANSECT/STATION ST077



Photograph:
210761_ST077_03

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

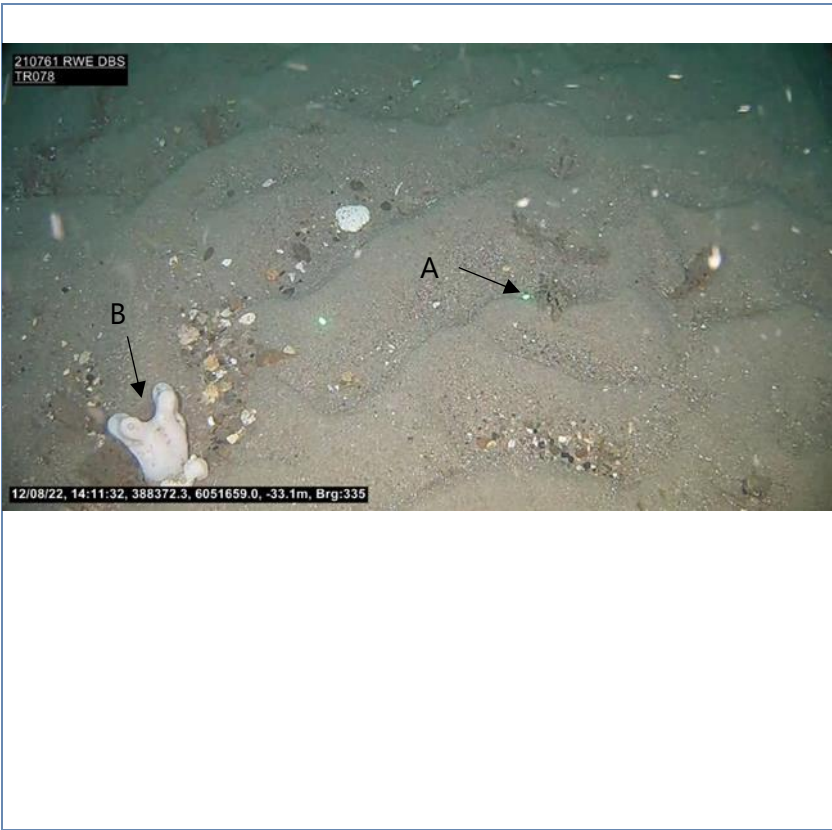


Photograph:
210761_ST077_21

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified.

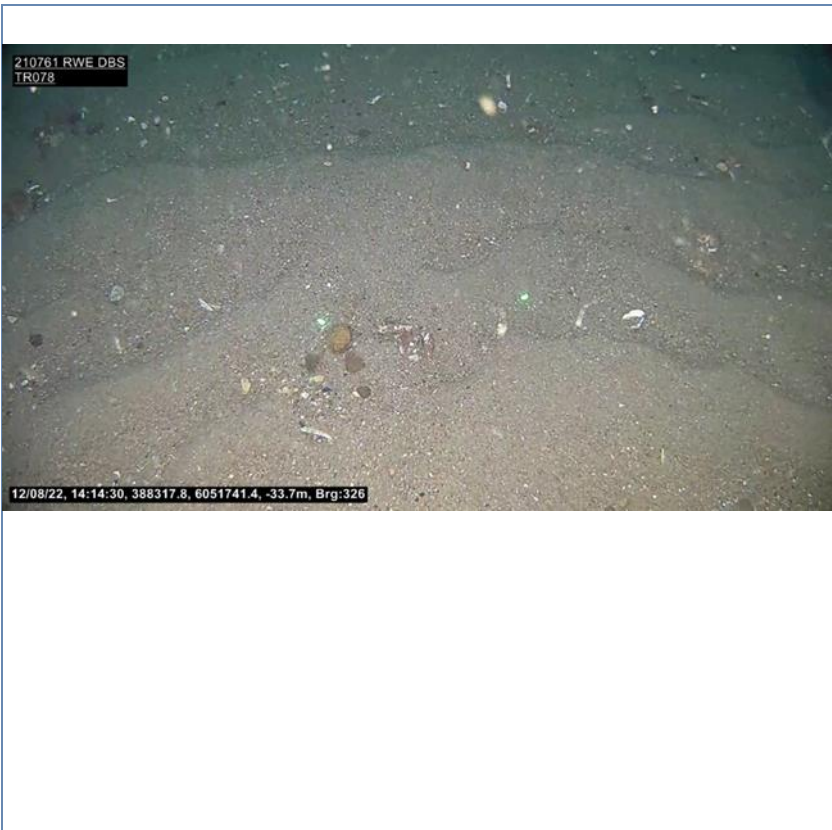
TRANSECT/STATION ST078



Photograph:
210761_ST078_01

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments, pebbles and infrequent boulders

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa)
B: Soft coral (*Alcyonium digitatum*)

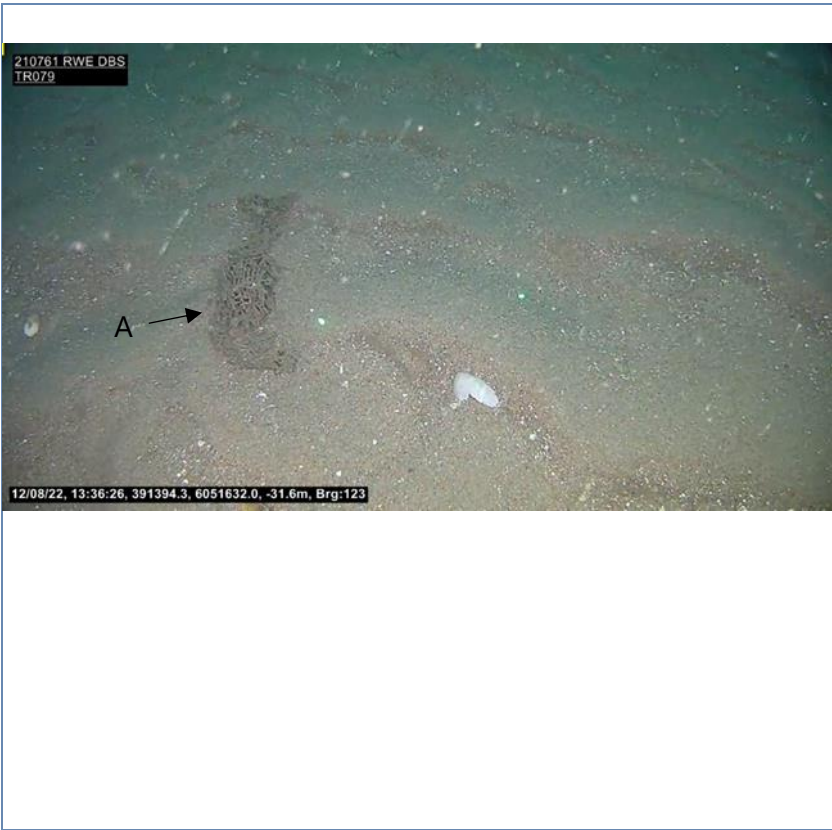


Photograph:
210761_ST078_14

Sediment Type:
Rippled gravelly sand/sandy gravel with a varying proportion of shell fragments, pebbles and infrequent boulders

Fauna:
No fauna identified

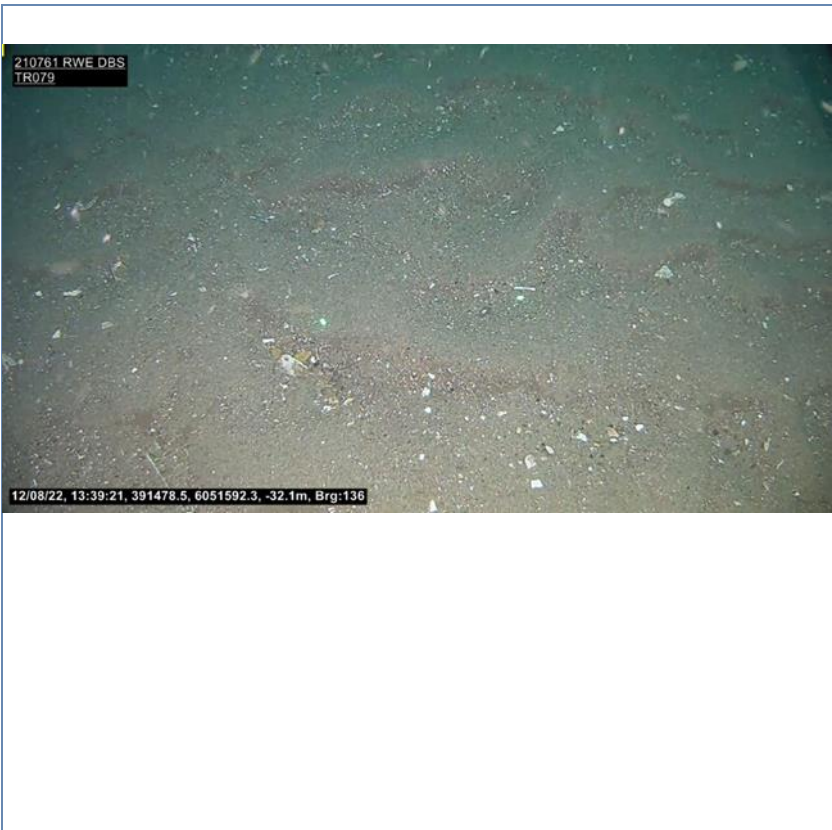
TRANSECT/STATION ST079



Photograph:
210761_ST079_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
A: Anthropogenic debris



Photograph:
210761_ST079_13

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

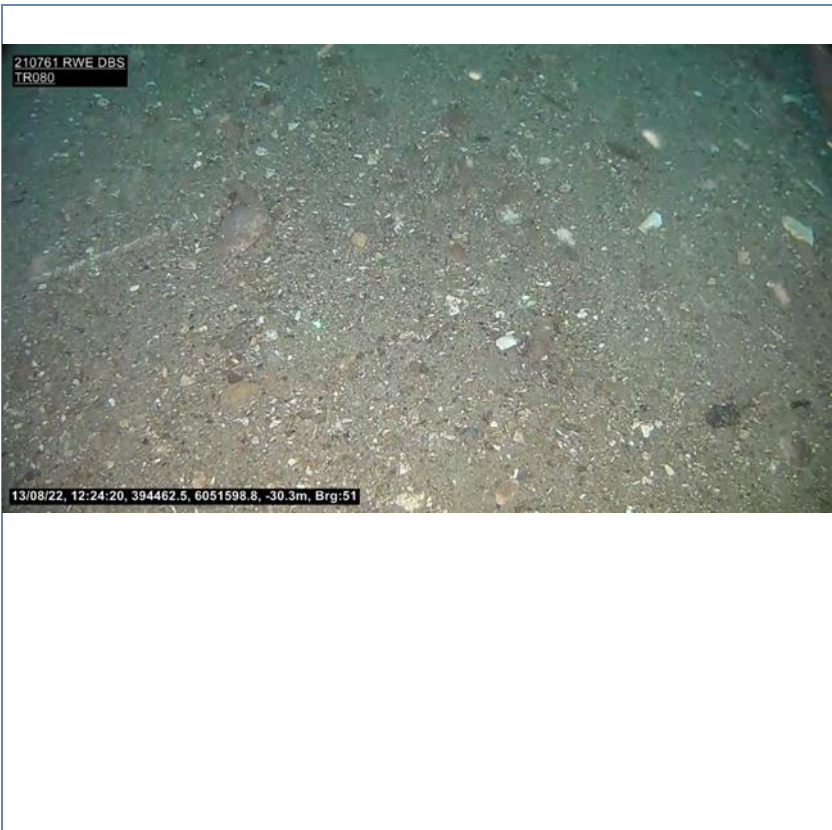
TRANSECT/STATION ST080



Photograph:
210761_ST080_01

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)

Fauna:
No fauna identified



Photograph:
210761_ST080_16

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)

Fauna:
No fauna identified

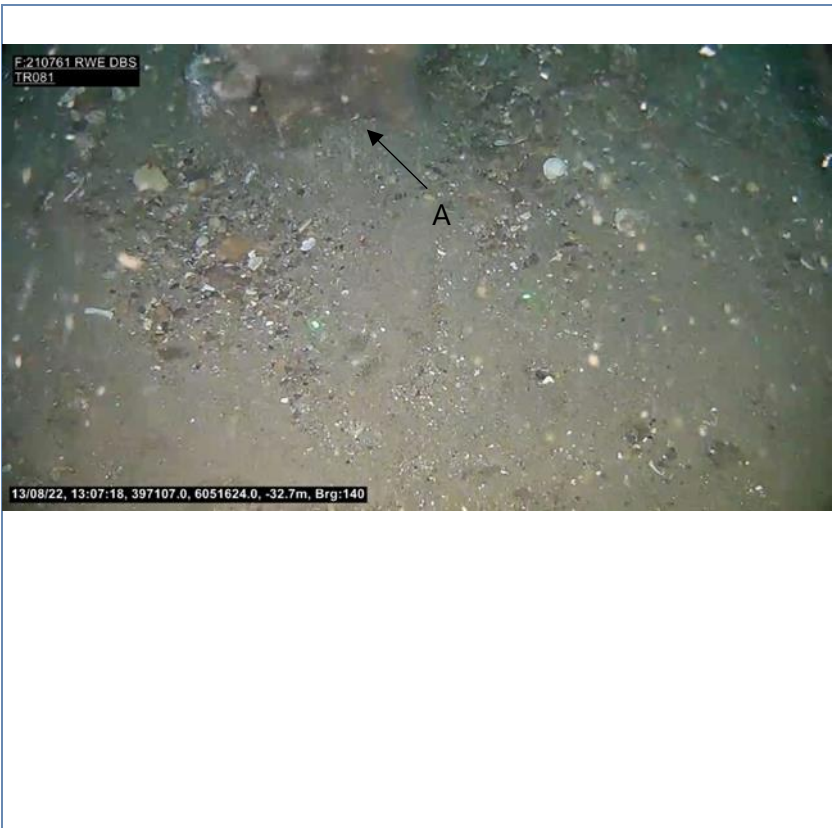
TRANSECT/STATION ST081



Photograph:
210761_ST081_01

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)

Fauna:
No fauna identified



Photograph:
210761_ST081_20

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)

Fauna:
A: Soft coral (*Alcyonium digitatum*)

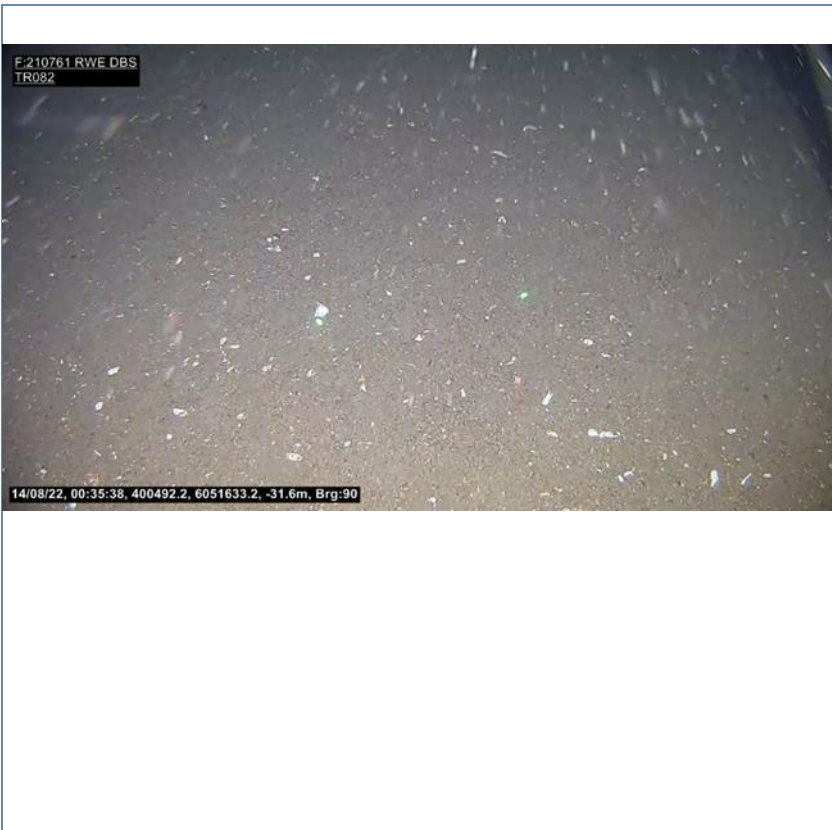
TRANSECT/STATION ST082



Photograph:
210761_ST082_01

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles with patches of coarser sediment (pebbles and boulders)

Fauna:
No fauna identified



Photograph:
210761_ST082_10

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles with patches of coarser sediment (pebbles and boulders)

Fauna:
No fauna identified

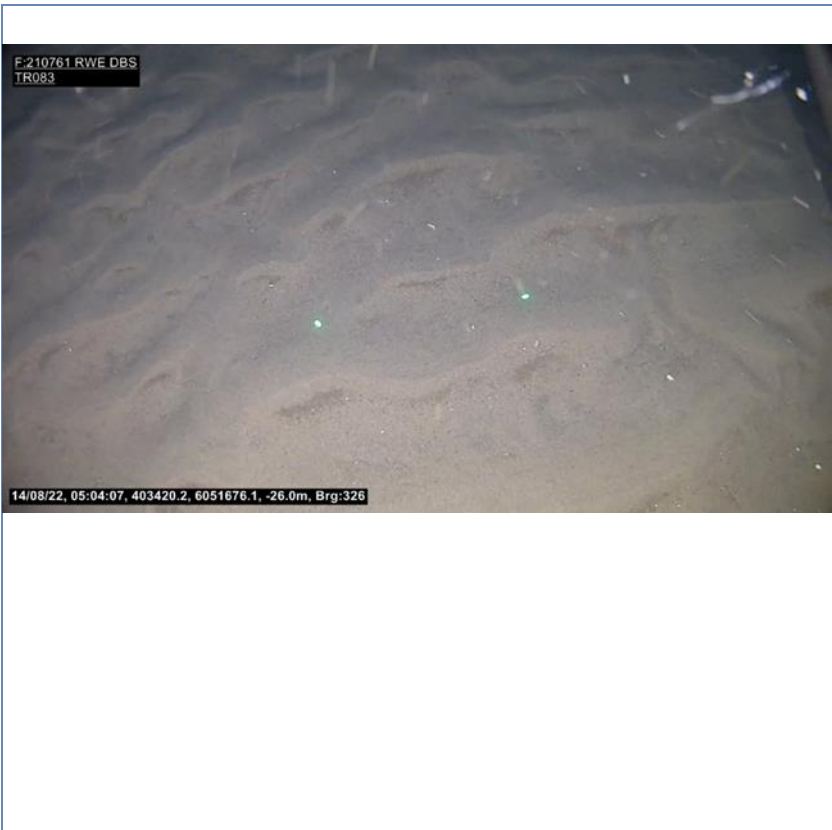
TRANSECT/STATION ST083



Photograph:
210761_ST083_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST083_10

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST084



Photograph:
210761_ST084_01

Sediment Type:
Rippled slightly gravelly (?muddy) sand with shell fragments and pebbles

Fauna:
No fauna identified

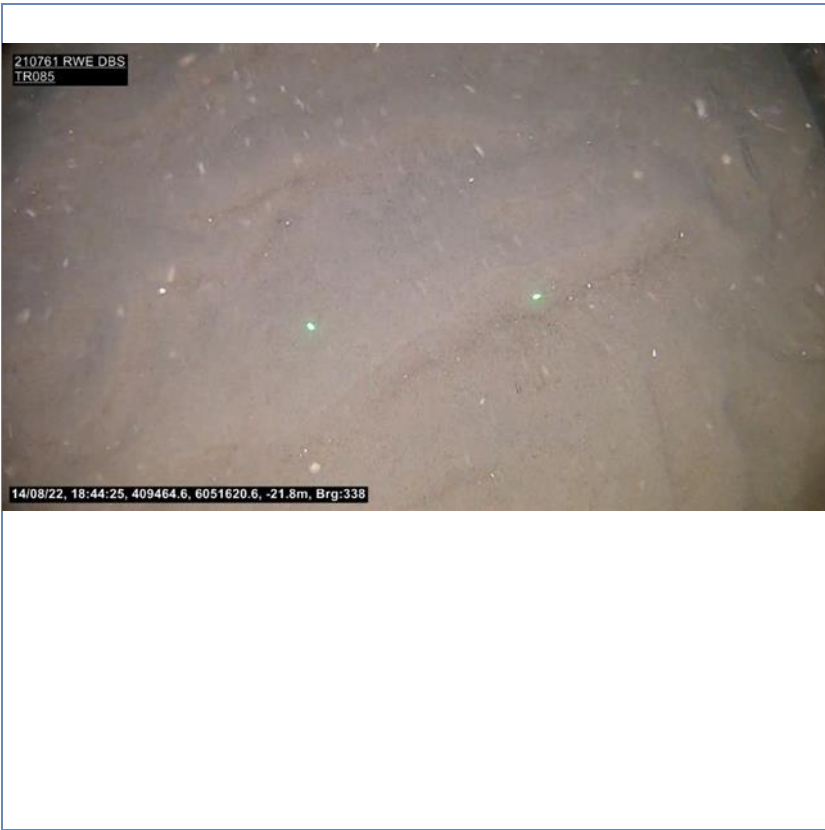


Photograph:
210761_ST084_17

Sediment Type:
Rippled slightly gravelly (?muddy) sand with shell fragments and pebbles

Fauna:
No fauna identified

TRANSECT/STATION ST085



Photograph:
210761_ST085_03

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST085_15

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST087



Photograph:
210761_ST087_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
Faunal tracks. No fauna identified



Photograph:
210761_ST087_13

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
Faunal tracks. No fauna identified

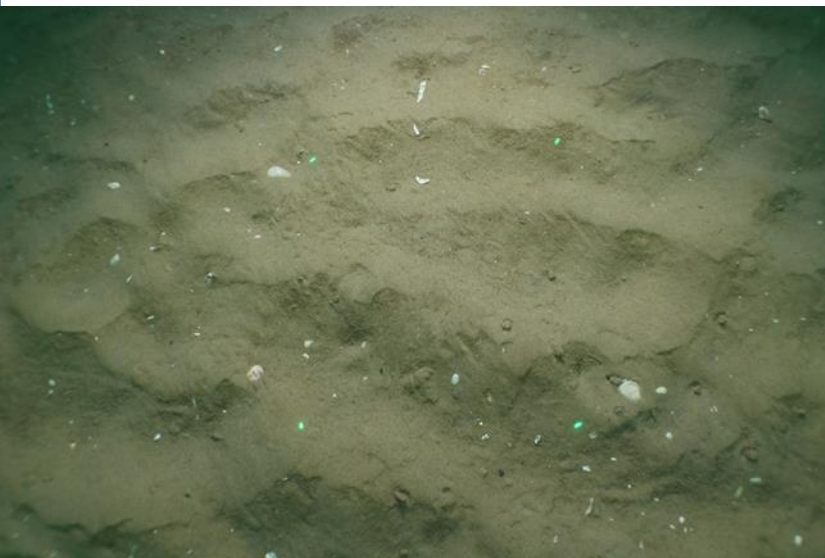
TRANSECT/STATION ST088



Photograph:
210761_ST088_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
Faunal tracks. No fauna identified

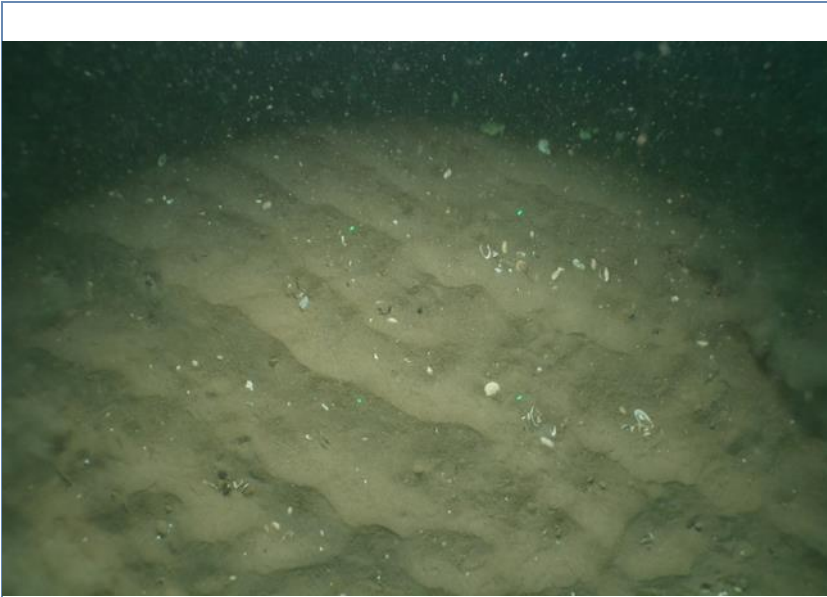


Photograph:
210761_ST088_10

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
Faunal tracks. No fauna identified

TRANSECT/STATION ST089



Photograph:
210761_ST089_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

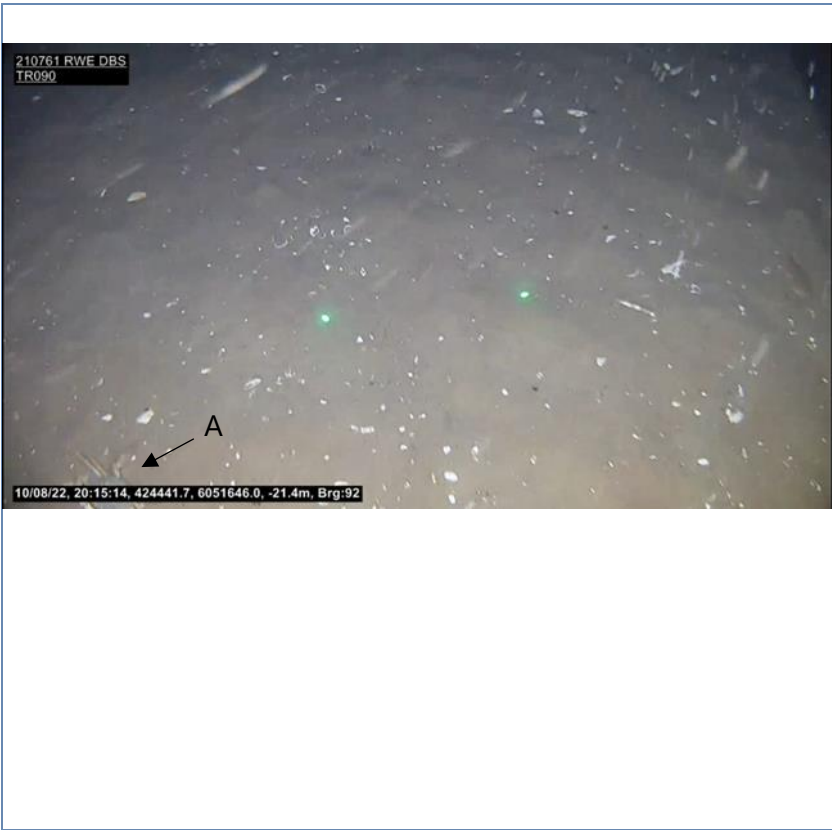


Photograph:
210761_ST089_10

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

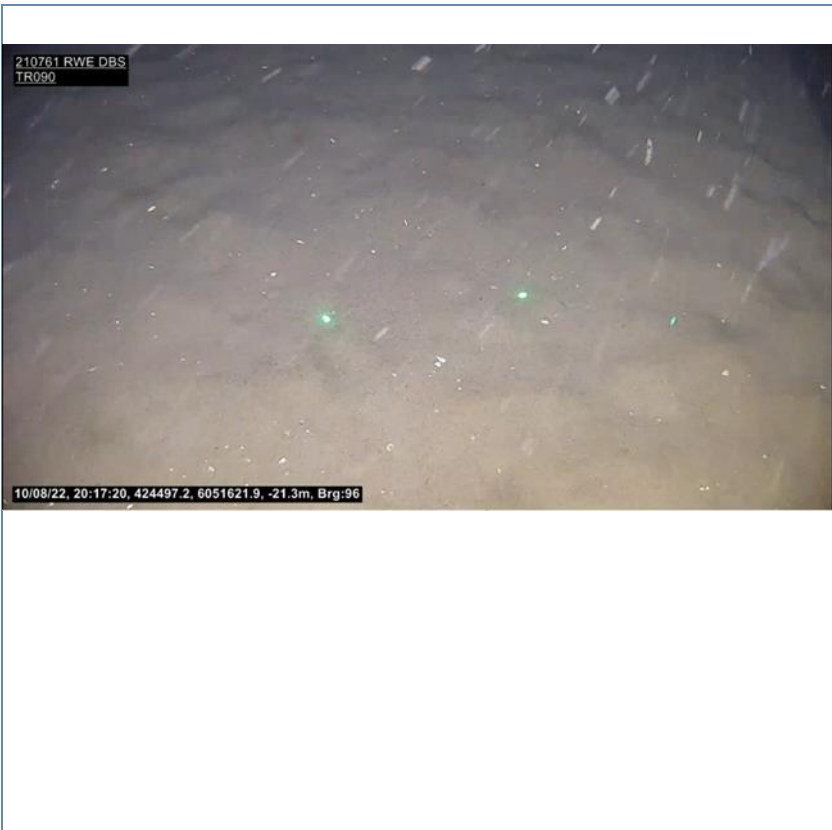
TRANSECT/STATION ST090



Photograph:
210761_ST090_03

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments

Fauna:
A: Crab (Brachyura)

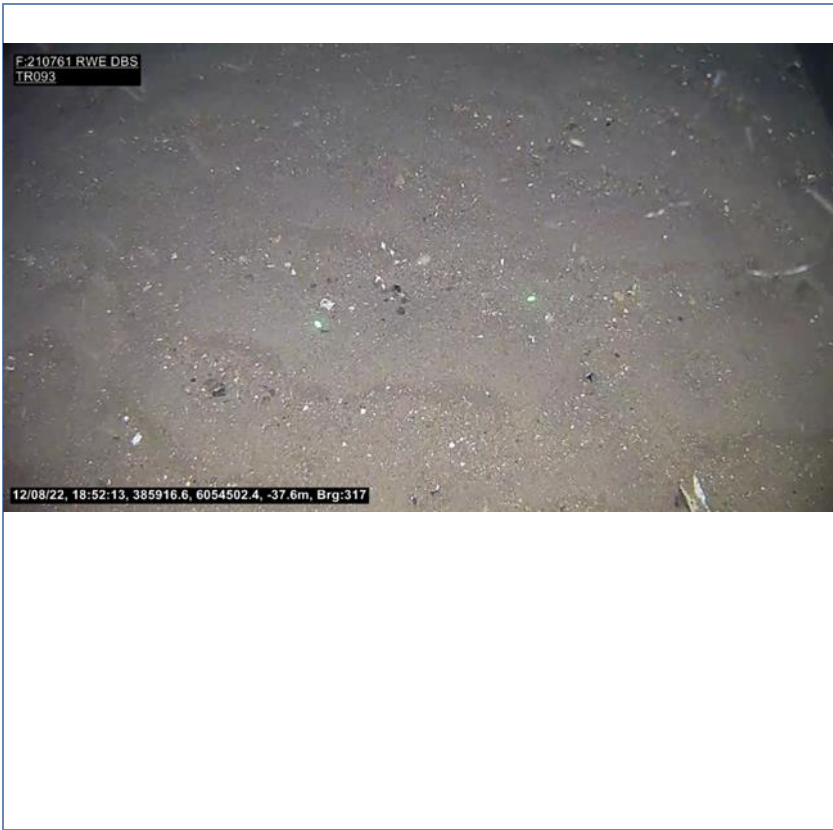


Photograph:
210761_ST090_09

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments

Fauna:
No fauna identified

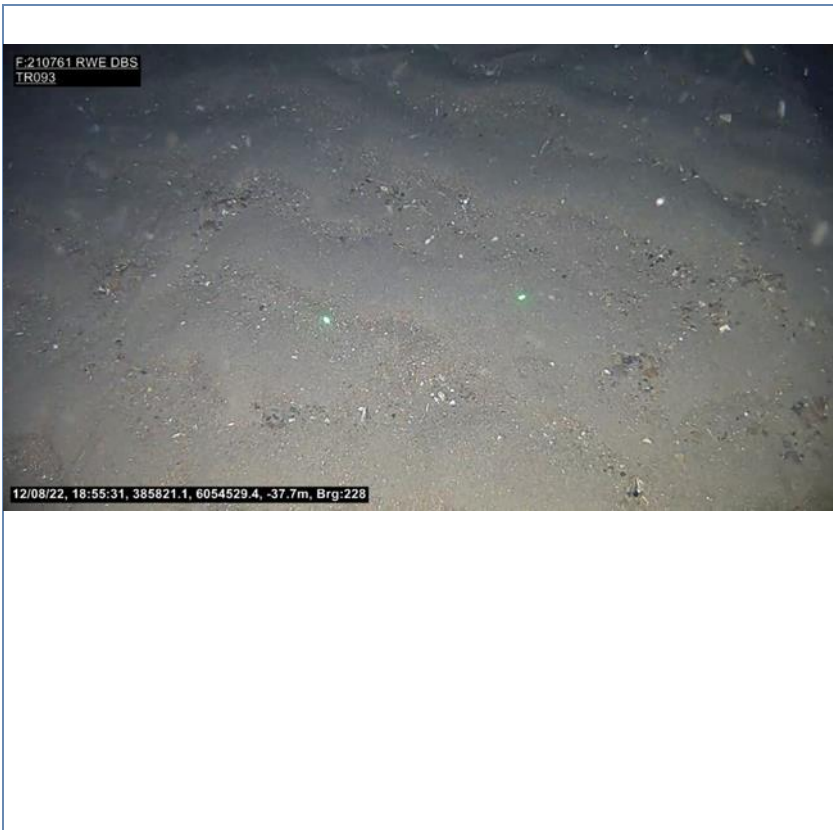
TRANSECT/STATION ST093



Photograph:
210761_ST093_02

Sediment Type:
Rippled (gravelly) sand with a varying proportion of shell fragments, pebbles and infrequent boulders

Fauna:
No fauna identified

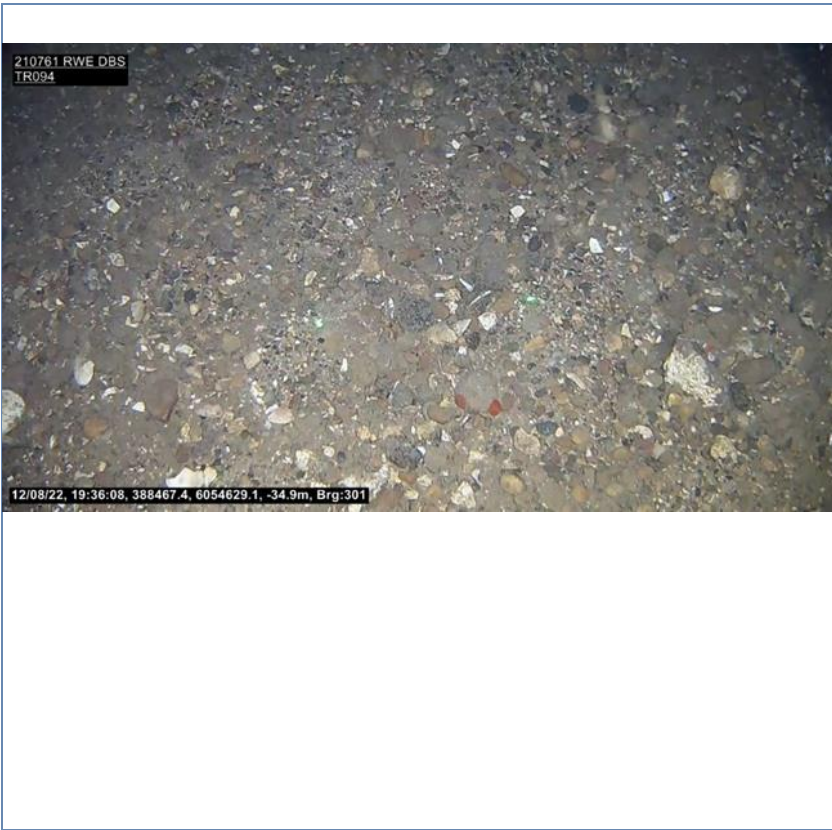


Photograph:
210761_ST093_21

Sediment Type:
Rippled (gravelly) sand with a varying proportion of shell fragments, pebbles and infrequent boulders

Fauna:
No fauna identified

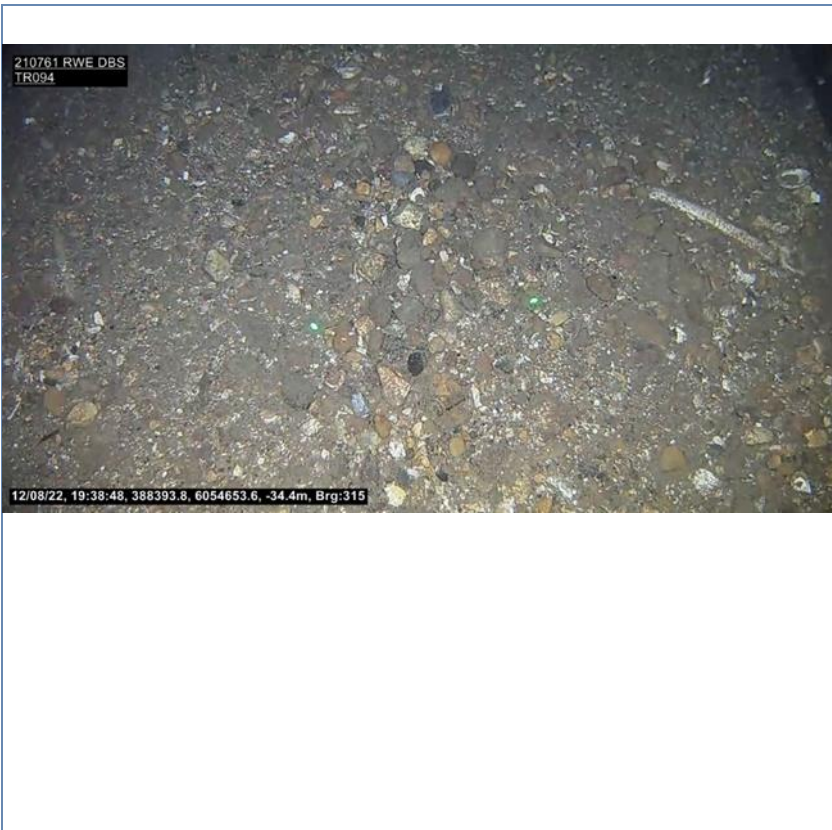
TRANSECT/STATION ST094



Photograph:
210761_ST094_02

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)

Fauna:
No fauna identified

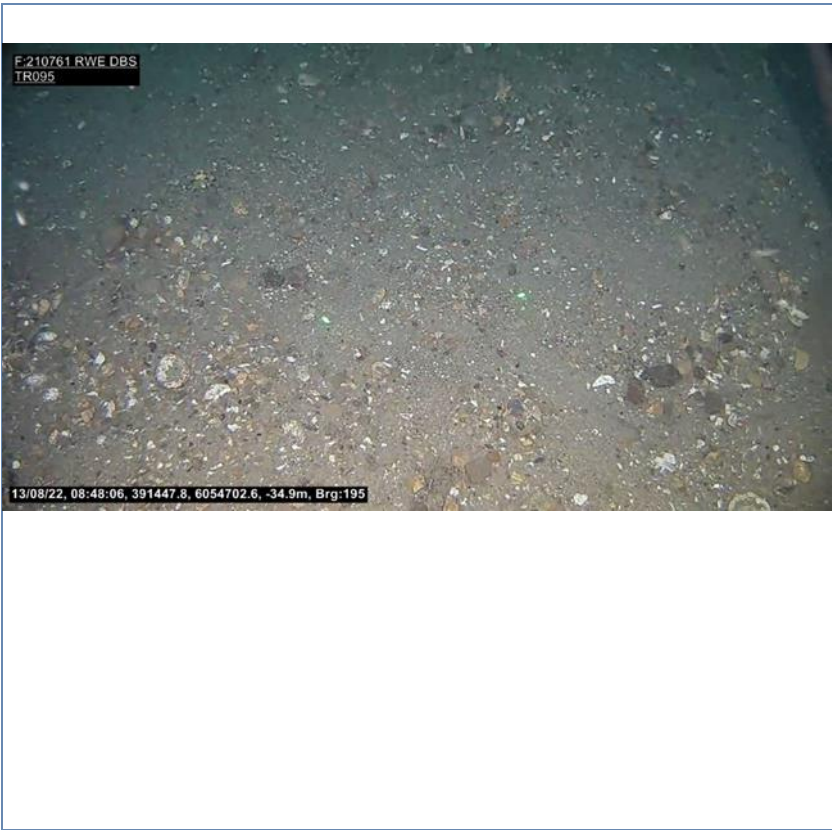


Photograph:
210761_ST094_17

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)

Fauna:
No fauna identified

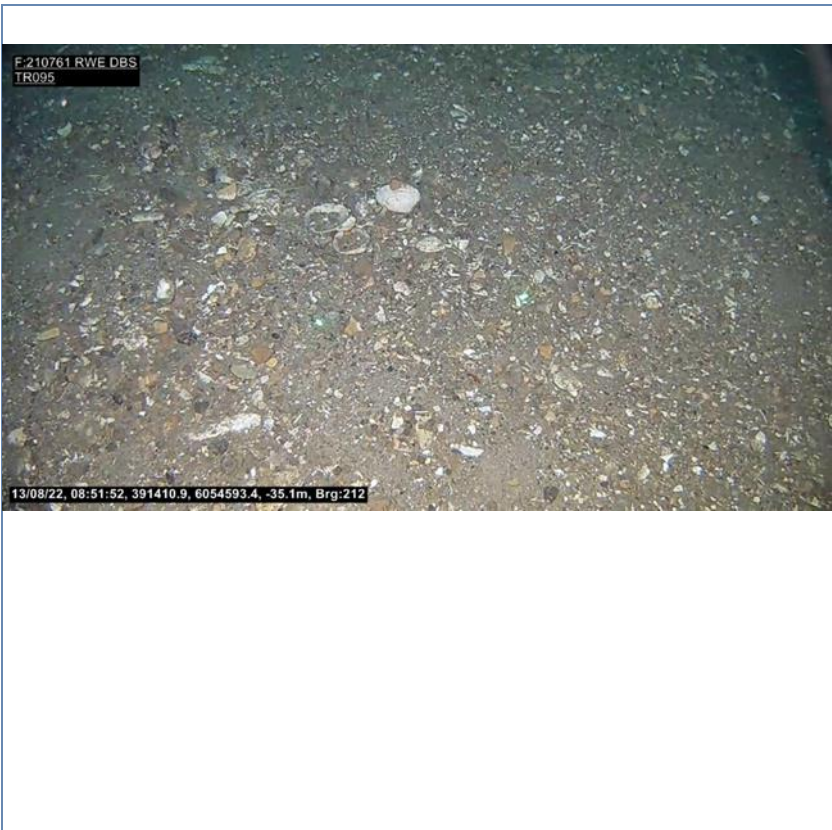
TRANSECT/STATION ST095



Photograph:
210761_ST095_01

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles with patches of coarser sediment (pebbles and shell fragments)

Fauna:
No fauna identified

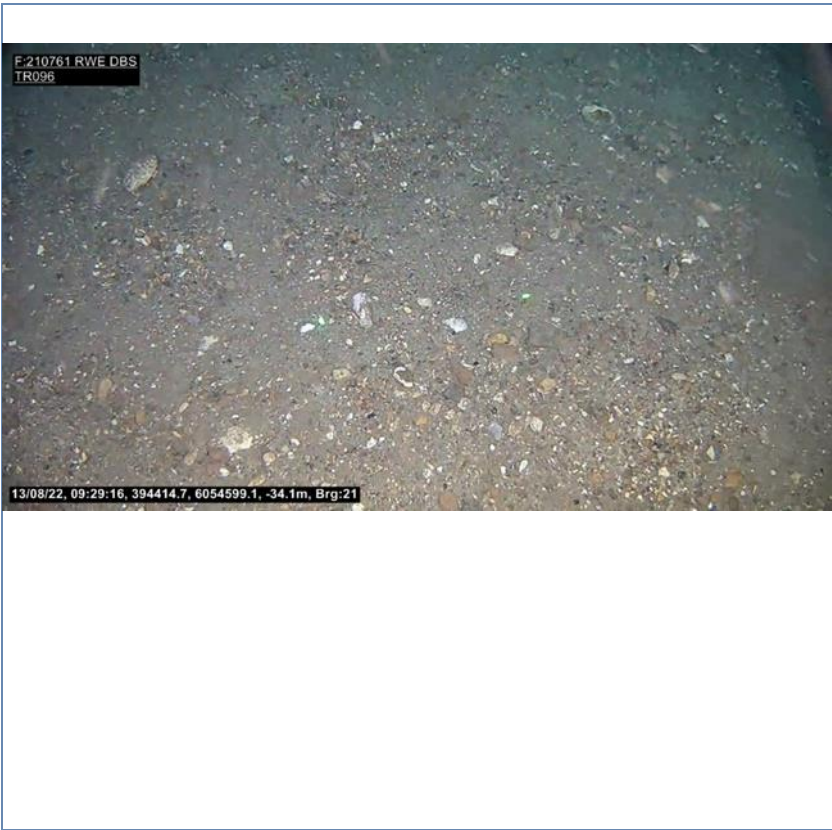


Photograph:
210761_ST095_12

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles with patches of coarser sediment (pebbles and shell fragments)

Fauna:
No fauna identified

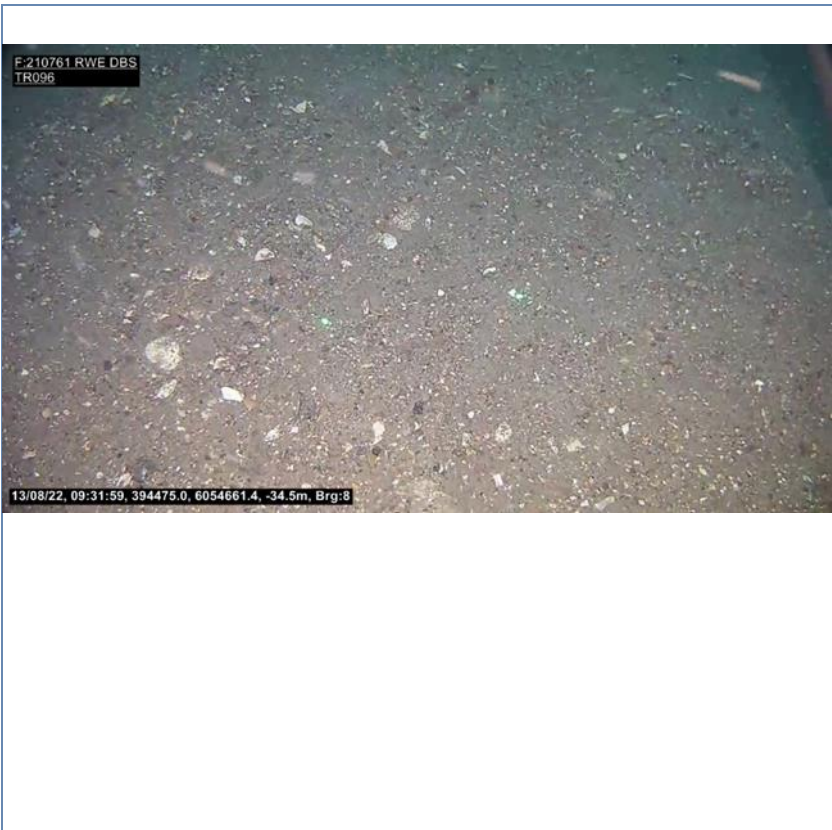
TRANSECT/STATION ST096



Photograph:
210761_ST096_01

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles with patches of coarser sediment (pebbles and shell fragments)

Fauna:
No fauna identified

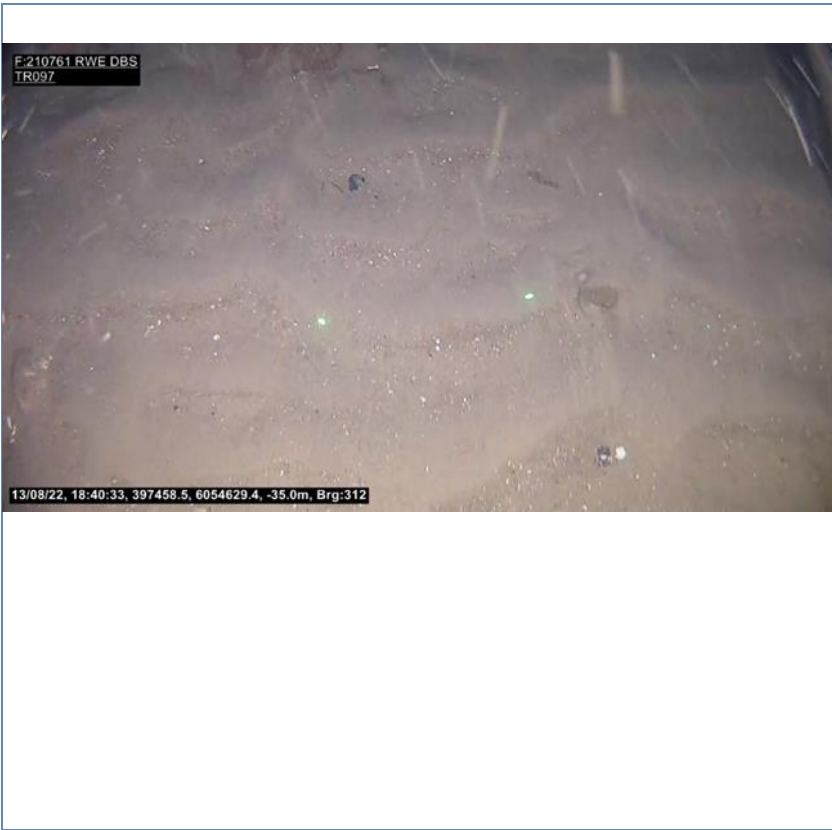


Photograph:
210761_ST096_10

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles with patches of coarser sediment (pebbles and shell fragments)

Fauna:
No fauna identified

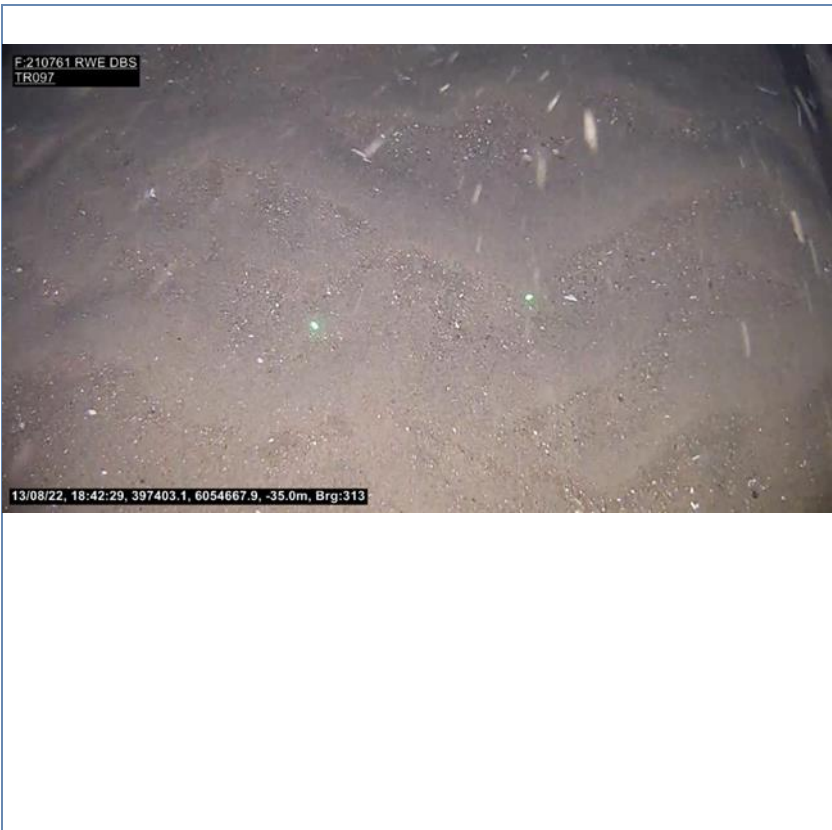
TRANSECT/STATION ST097



Photograph:
210761_ST097_02

Sediment Type:
Rippled sand/gravelly sand with a varying proportion of shell fragments, pebbles and infrequent cobbles

Fauna:
No fauna identified

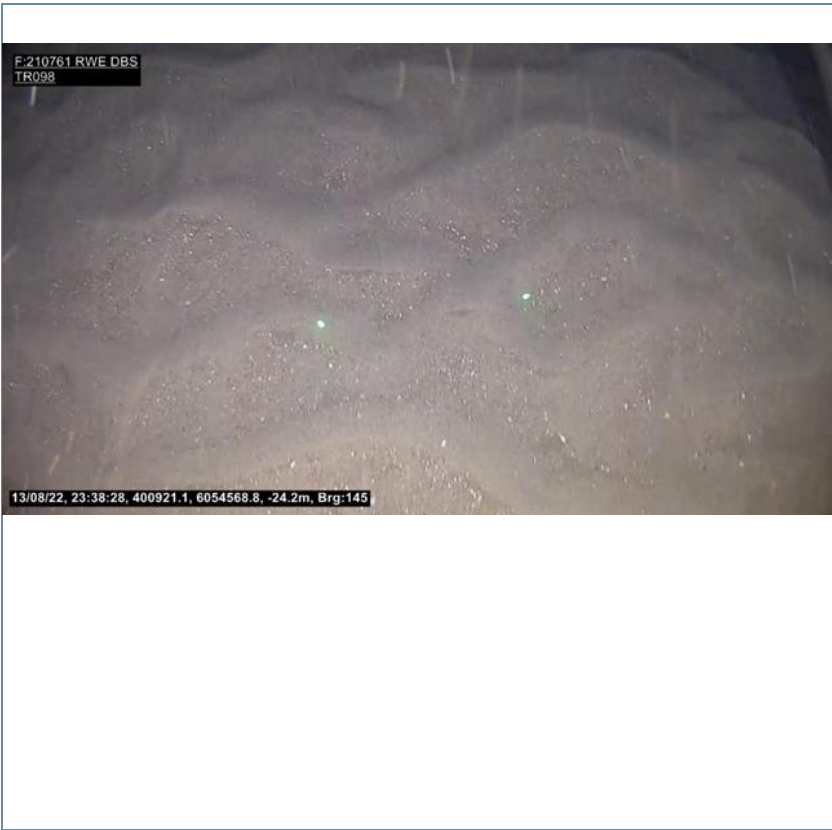


Photograph:
210761_ST097_16

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)

Fauna:
No fauna identified

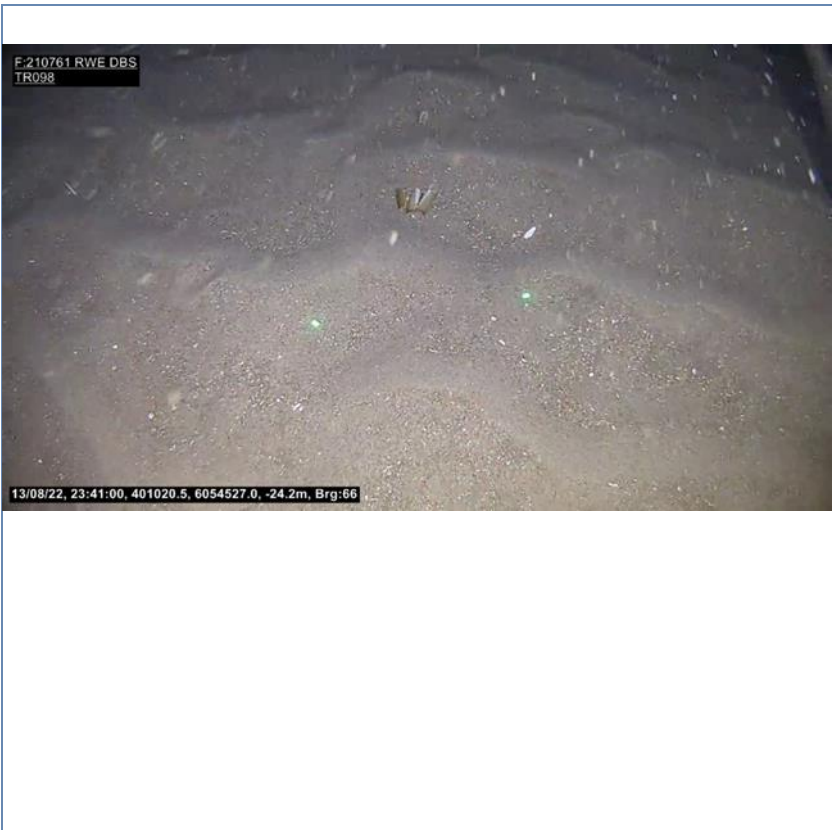
TRANSECT/STATION ST098



Photograph:
210761_ST098_01

Sediment Type:
Rippled sand/sandy mud with shell fragments

Fauna:
No fauna identified

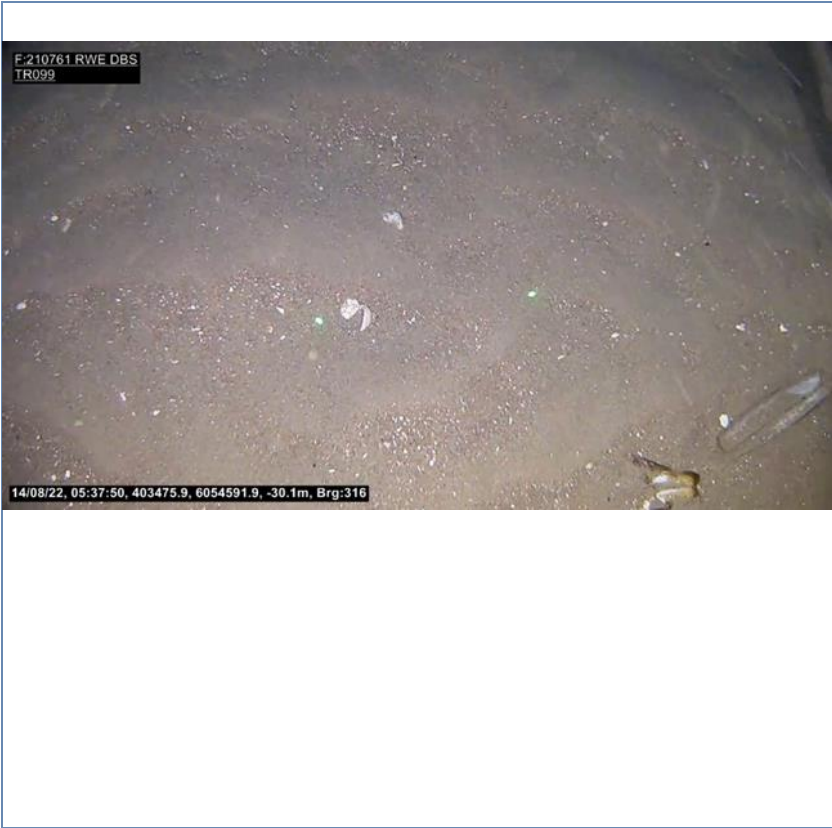


Photograph:
210761_ST098_09

Sediment Type:
Rippled sand/sandy mud with shell fragments

Fauna:
No fauna identified

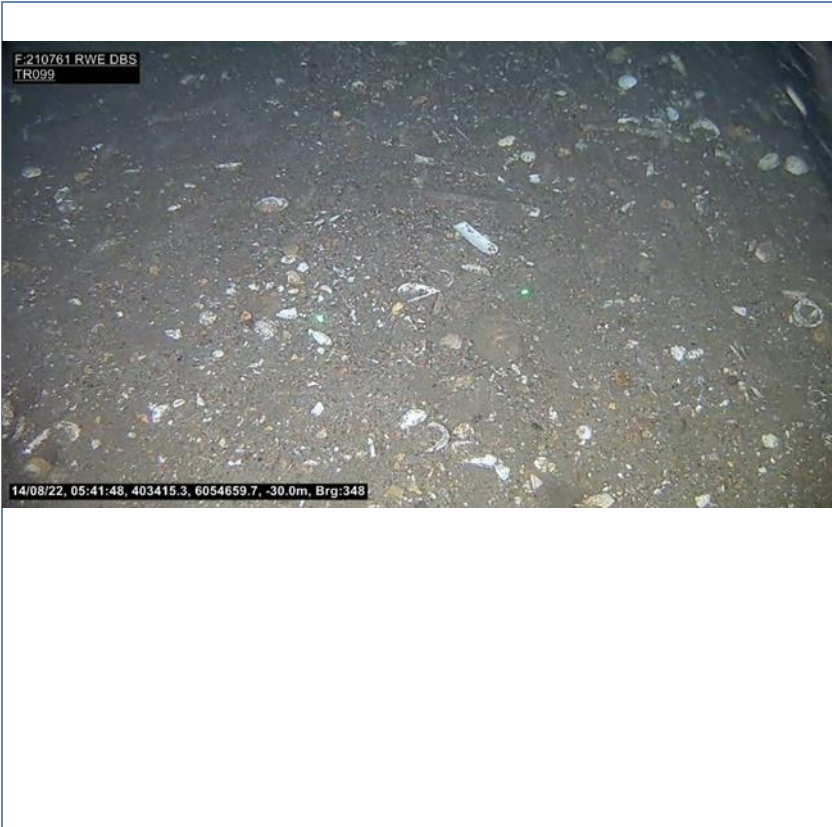
TRANSECT/STATION ST099



Photograph:
210761_ST099_02

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified

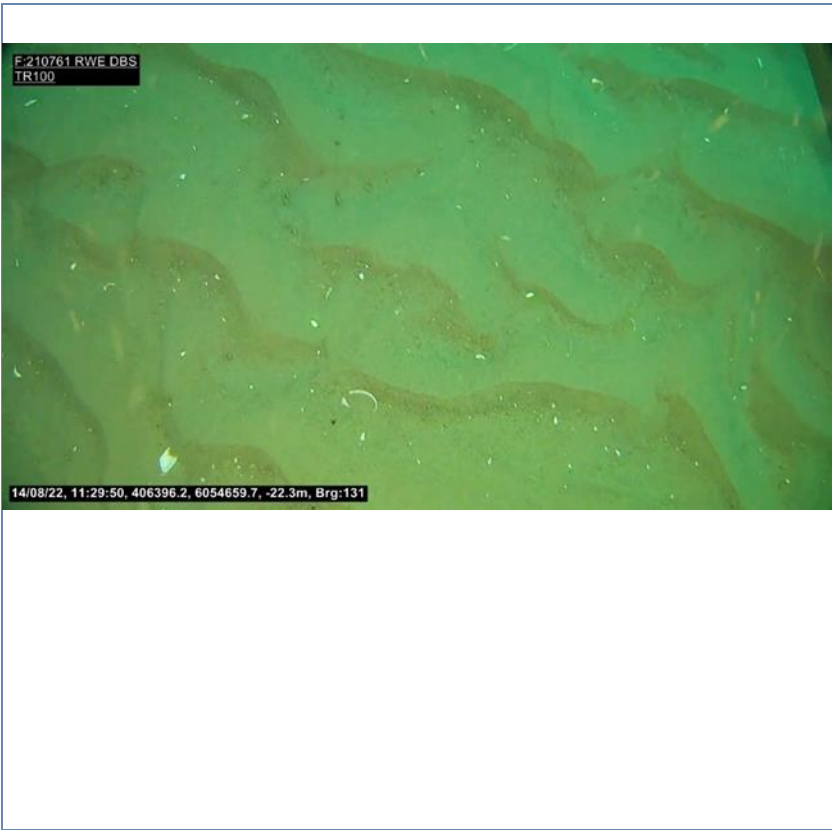


Photograph:
210761_ST099_12

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified

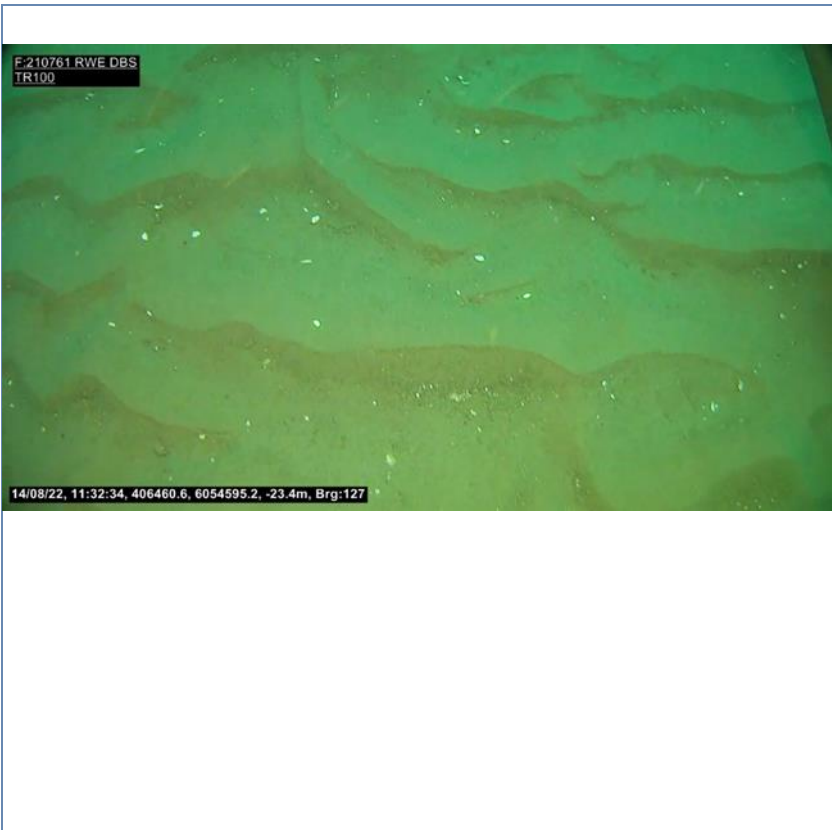
TRANSECT/STATION ST100



Photograph:
210761_ST100_01

Sediment Type:
Rippled sand/sandy mud with shell fragments

Fauna:
No fauna identified

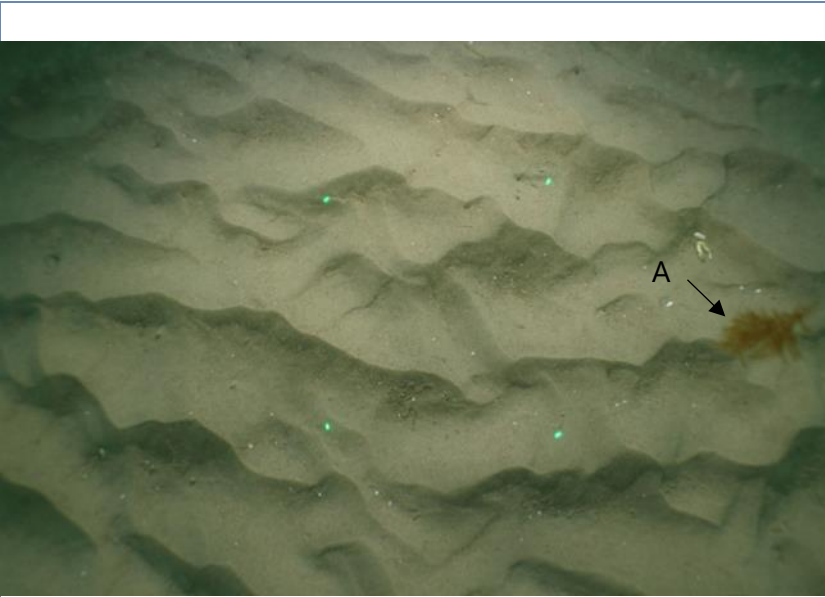


Photograph:
210761_ST100_14

Sediment Type:
Rippled sand/sandy mud with shell fragments

Fauna:
No fauna identified

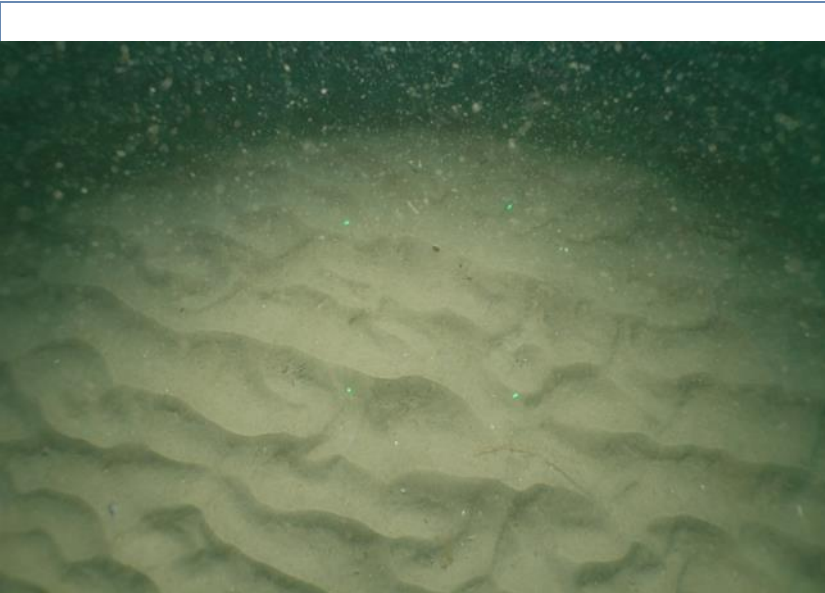
TRANSECT/STATION ST101



Photograph:
210761_ST101_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa)



Photograph:
210761_ST101_18

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST103



Photograph:
210761_ST103_01

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
Faunal tracks and burrows. No fauna identified



Photograph:
210761_ST103_10

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
Faunal tracks and burrows
A: Starfish (*Astropecten irregularis*)

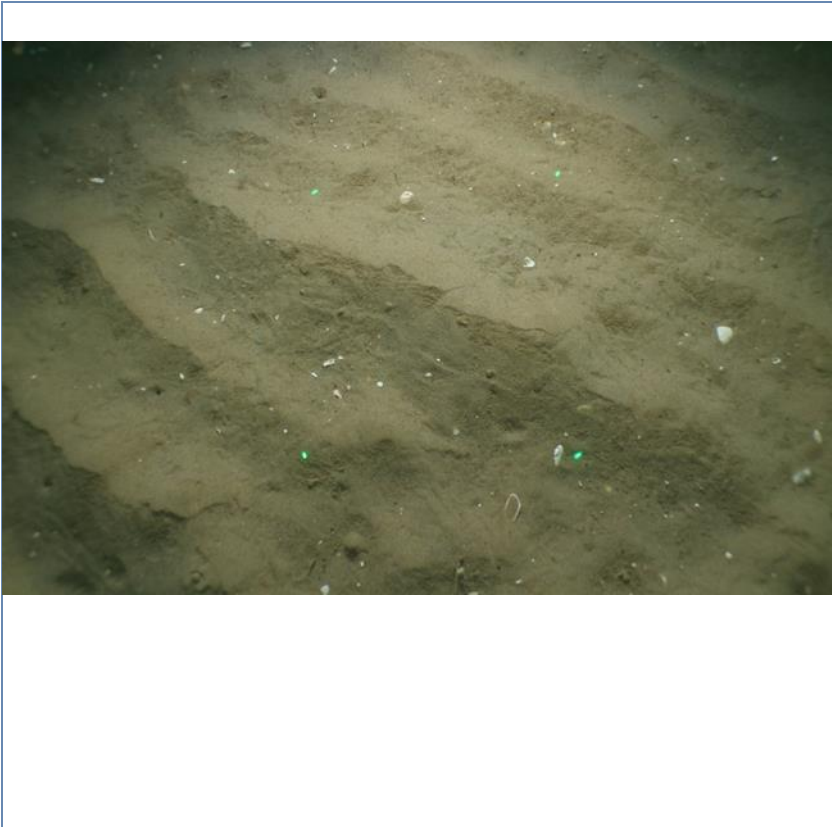
TRANSECT/STATION ST104



Photograph:
210761_ST104_01

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa inc. Flustridae)

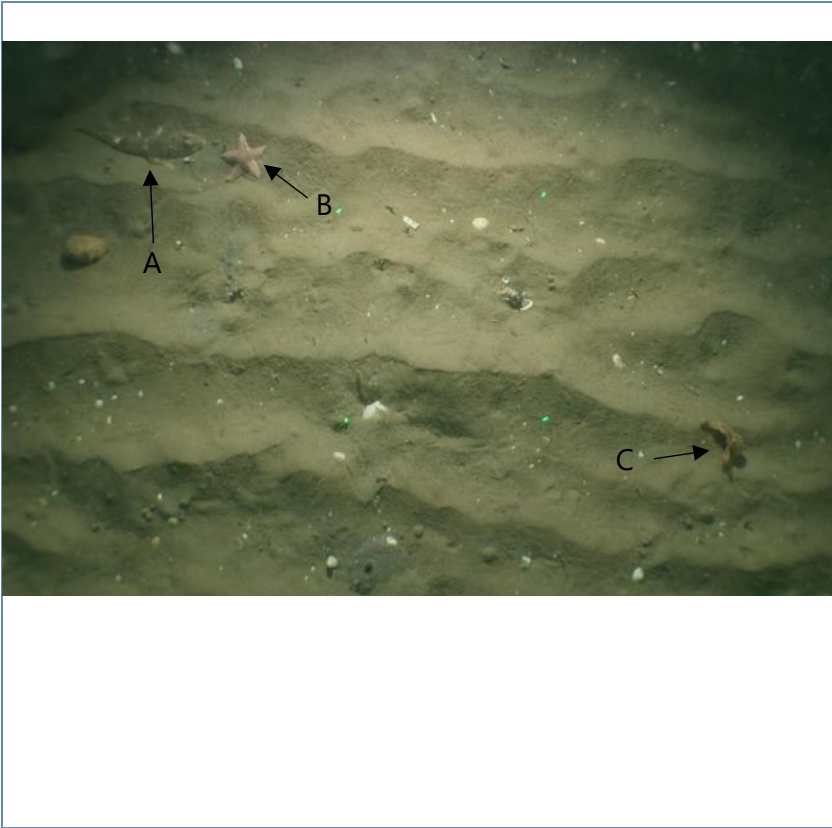


Photograph:
210761_ST104_10

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
Faunal burrows. No fauna identified.

TRANSECT/STATION ST105



Photograph:
210761_ST105_01

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
Faunal tracks and burrows
A: Dragonet (*Callionymidae*)
B: Starfish (*Astropecten irregularis*)
C: Faunal turf (Hydrozoa/Bryozoa)

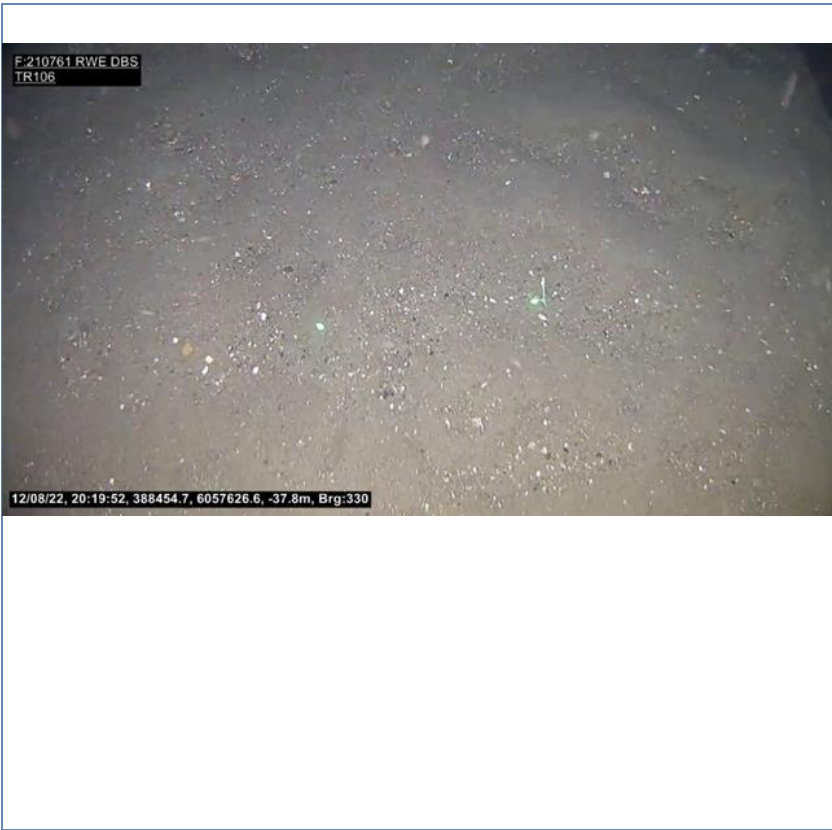


Photograph:
210761_ST105_11

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
No fauna identified

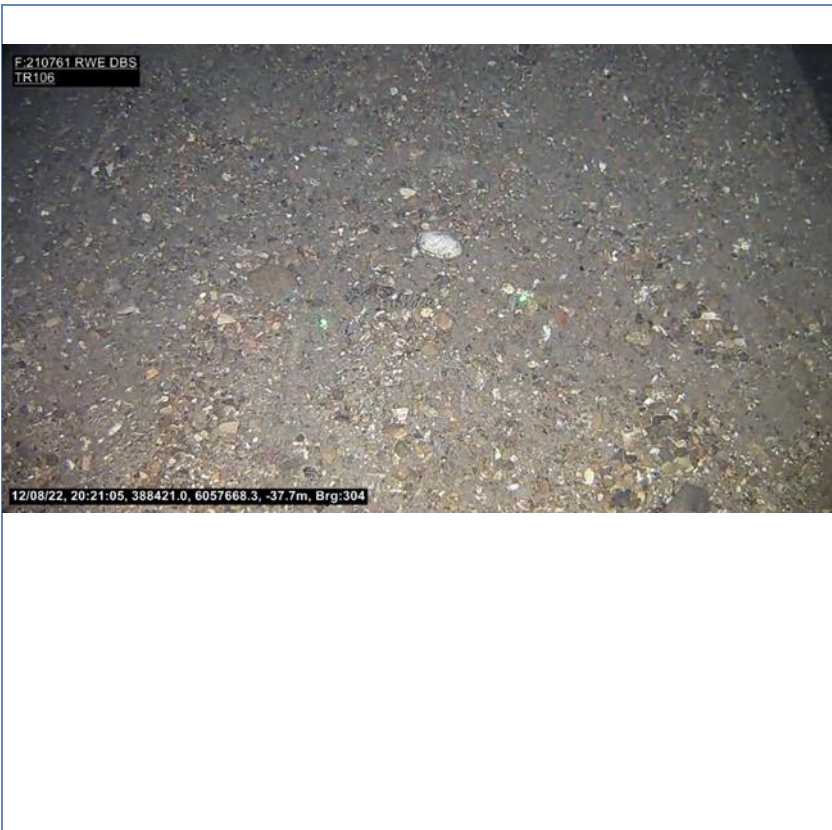
TRANSECT/STATION ST106



Photograph:
210761_ST106_04

Sediment Type:
Rippled sand/muddy sand with shell fragments and pebbles

Fauna:
No fauna identified

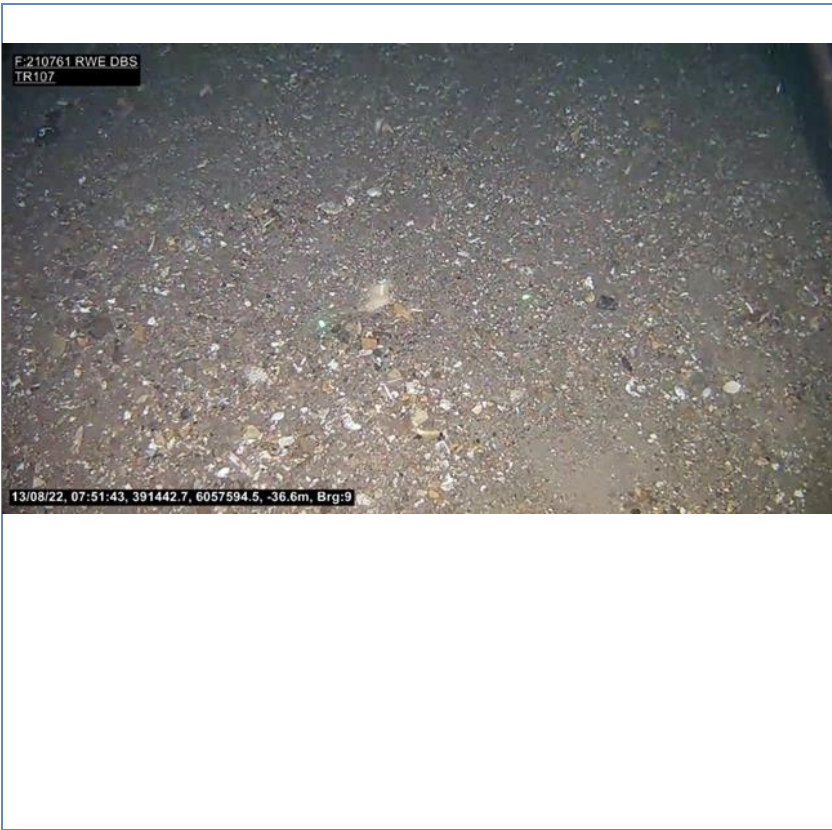


Photograph:
210761_ST106_16

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)

Fauna:
No fauna identified

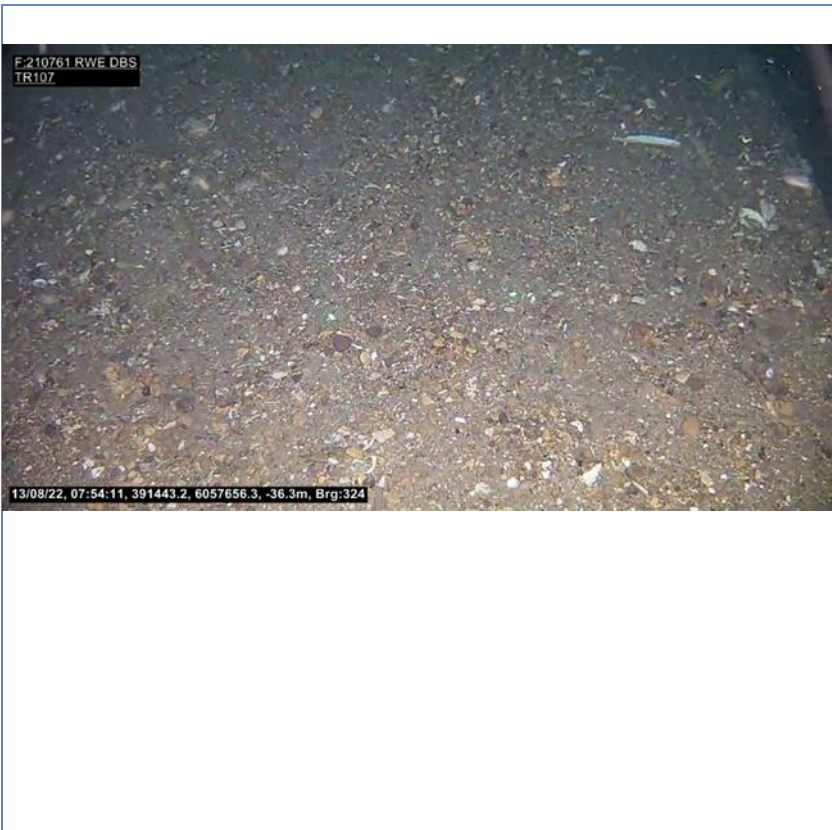
TRANSECT/STATION ST107



Photograph:
210761_ST107_03

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)

Fauna:
No fauna identified

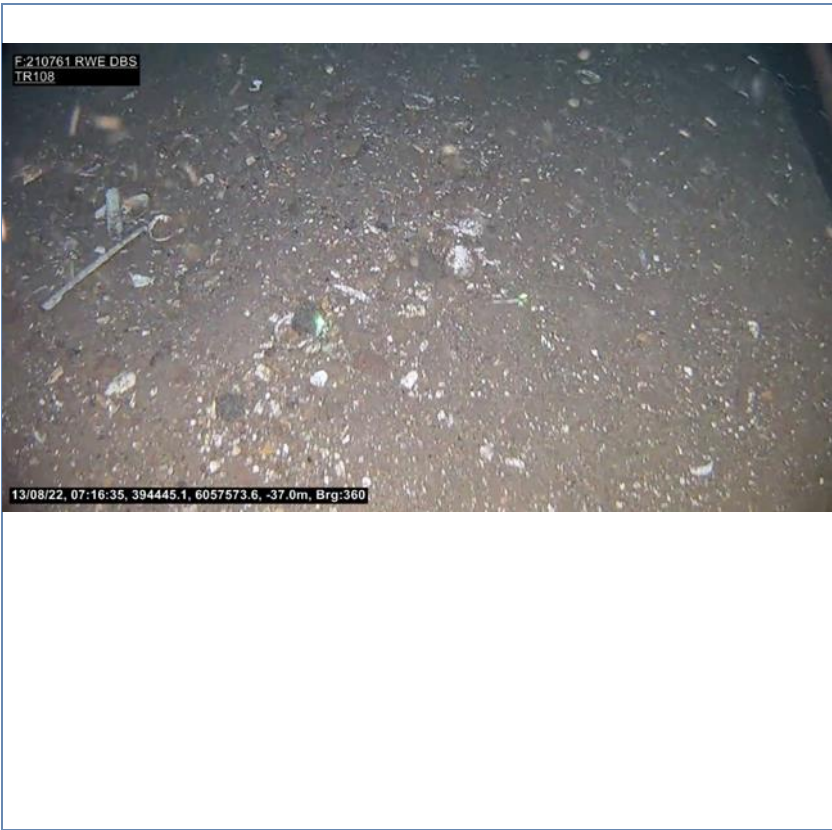


Photograph:
210761_ST107_09

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)

Fauna:
No fauna identified

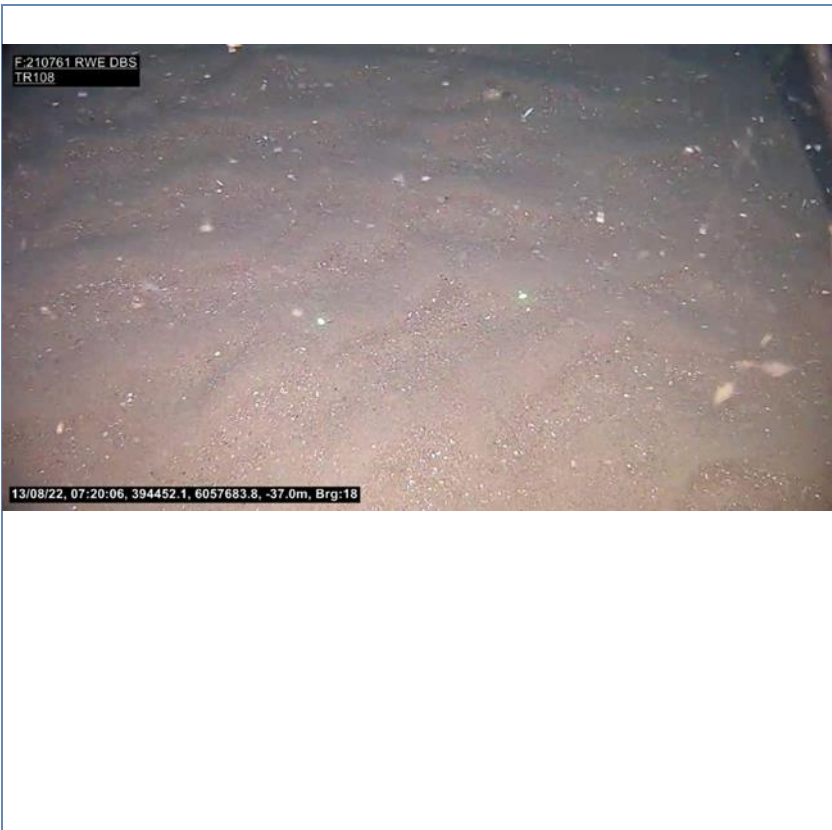
TRANSECT/STATION ST108



Photograph:
210761_ST108_01

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified

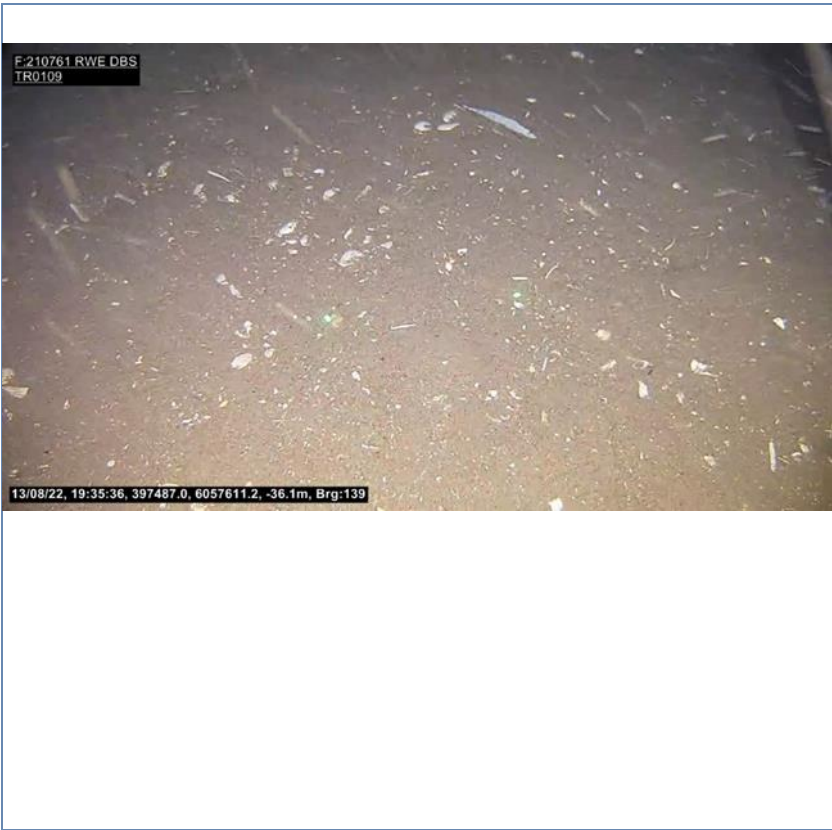


Photograph:
210761_ST108_14

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified

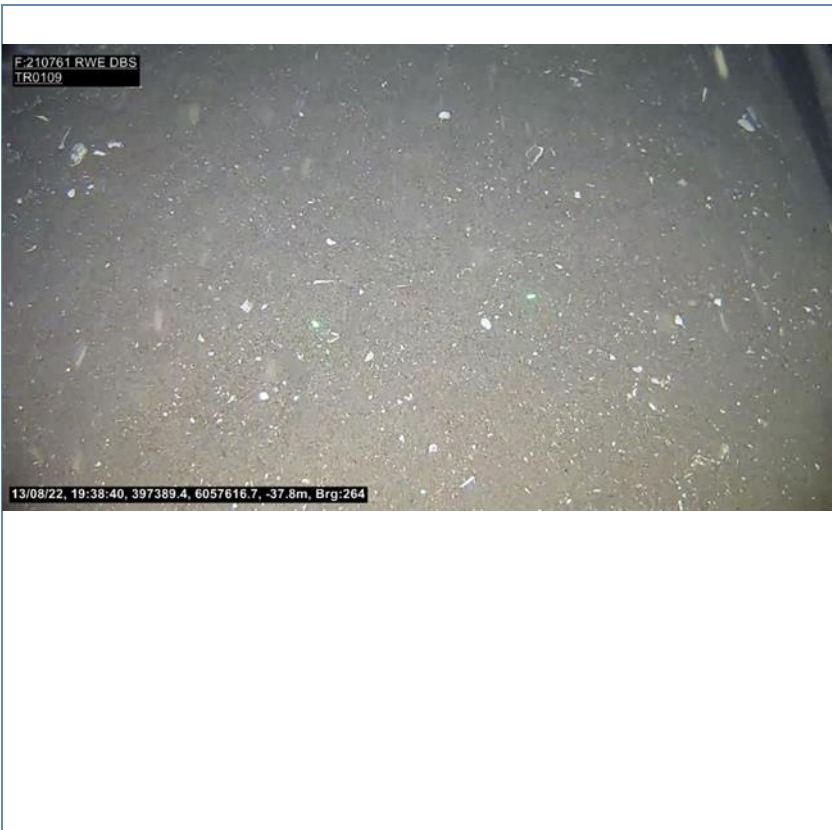
TRANSECT/STATION ST109



Photograph:
210761_ST109_01

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified



Photograph:
210761_ST109_10

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified

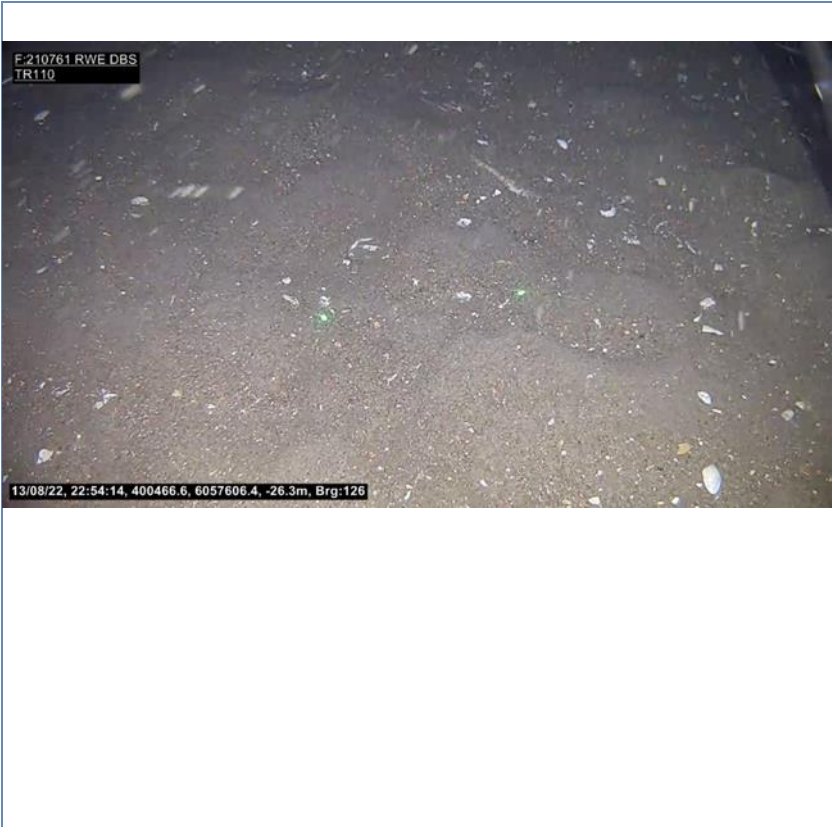
TRANSECT/STATION ST110



Photograph:
210761_ST110_04

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified



Photograph:
210761_ST110_15

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified

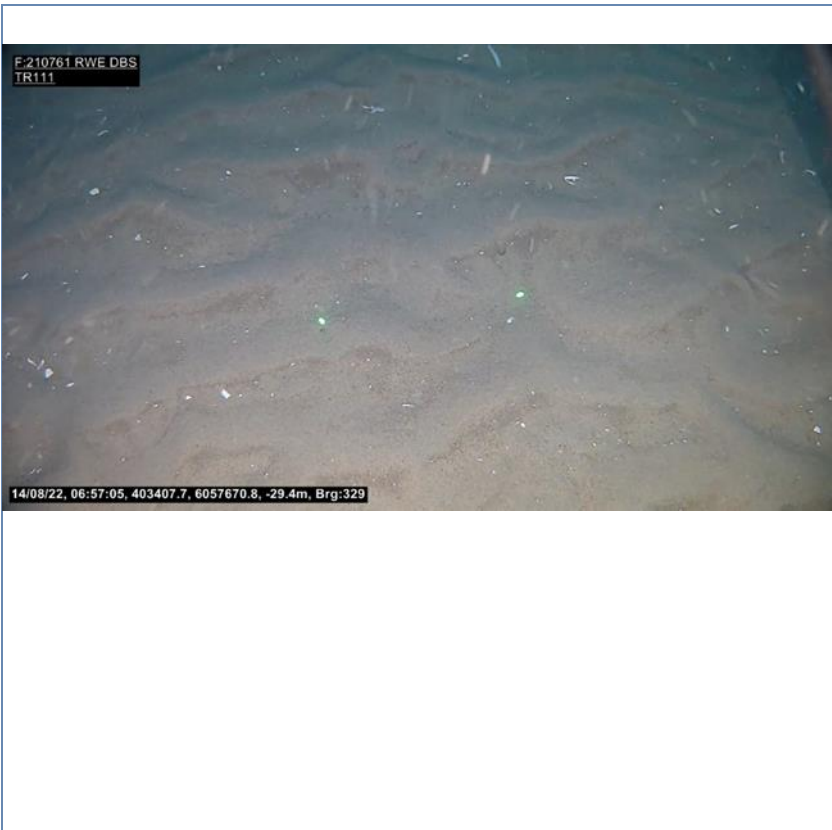
TRANSECT/STATION ST111



Photograph:
210761_ST111_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST111_10

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

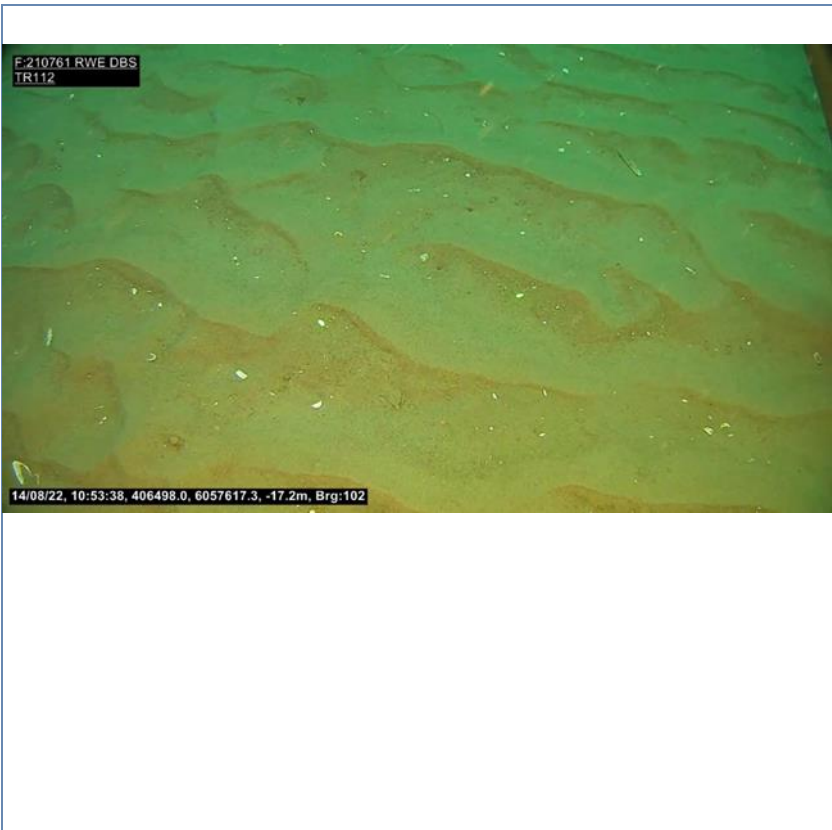
TRANSECT/STATION ST112



Photograph:
210761_ST112_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST112_08

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST113



Photograph:
210761_ST113_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

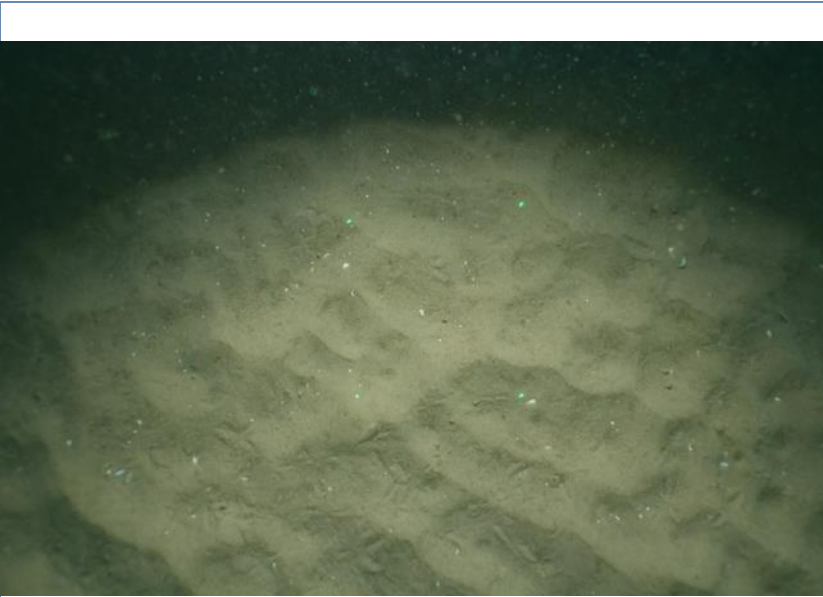


Photograph:
210761_ST113_18

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa)

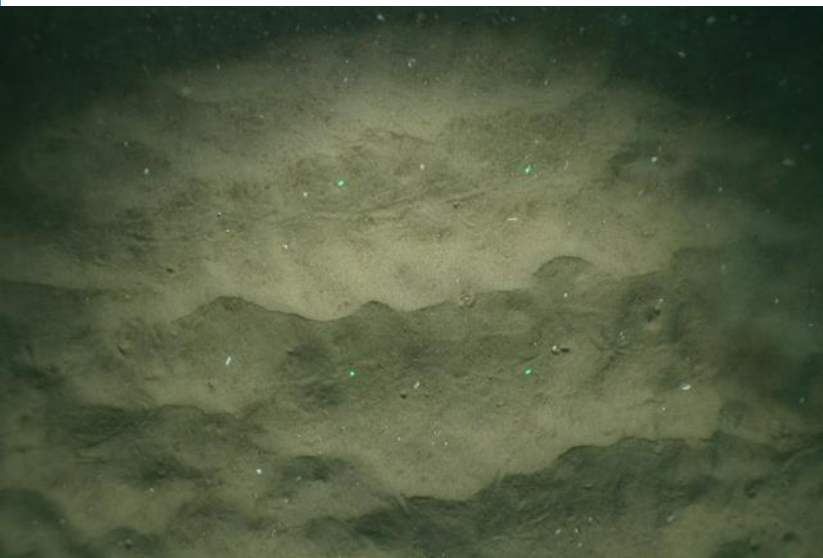
TRANSECT/STATION ST115



Photograph:
210761_ST115_01

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
No fauna identified

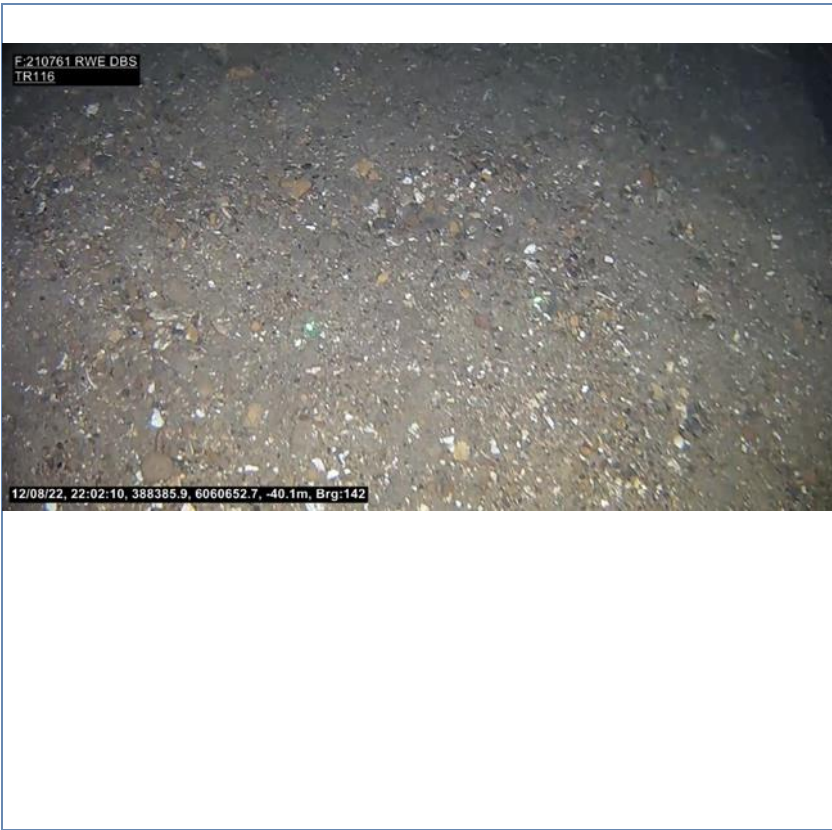


Photograph:
210761_ST115_10

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
Faunal tracks. No fauna identified

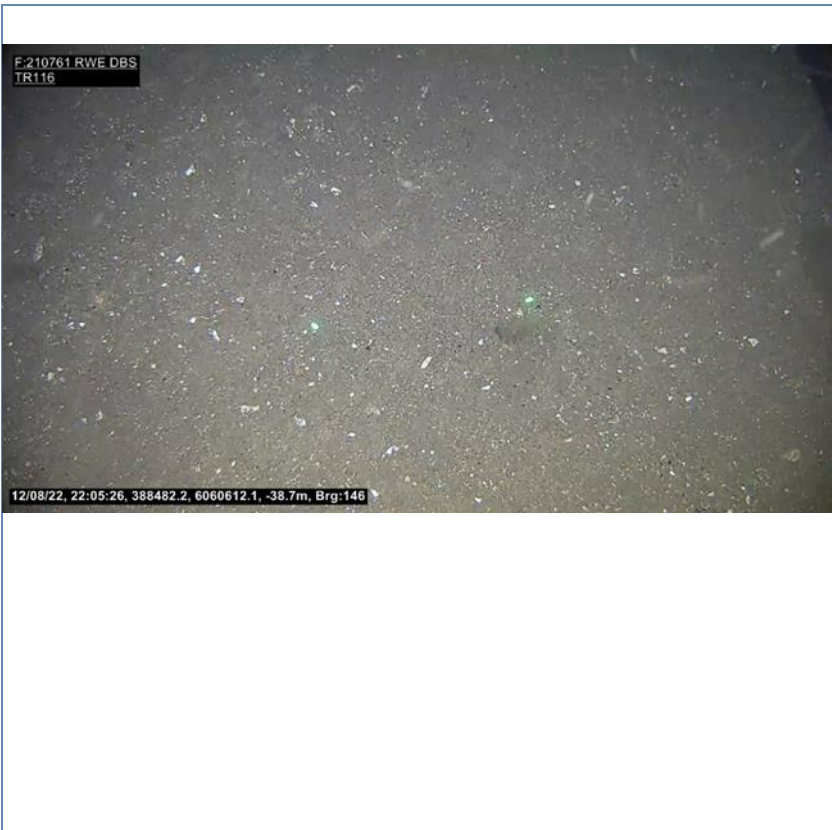
TRANSECT/STATION ST116



Photograph:
210761_ST116_02

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with shell fragments and pebbles)

Fauna:
No fauna identified

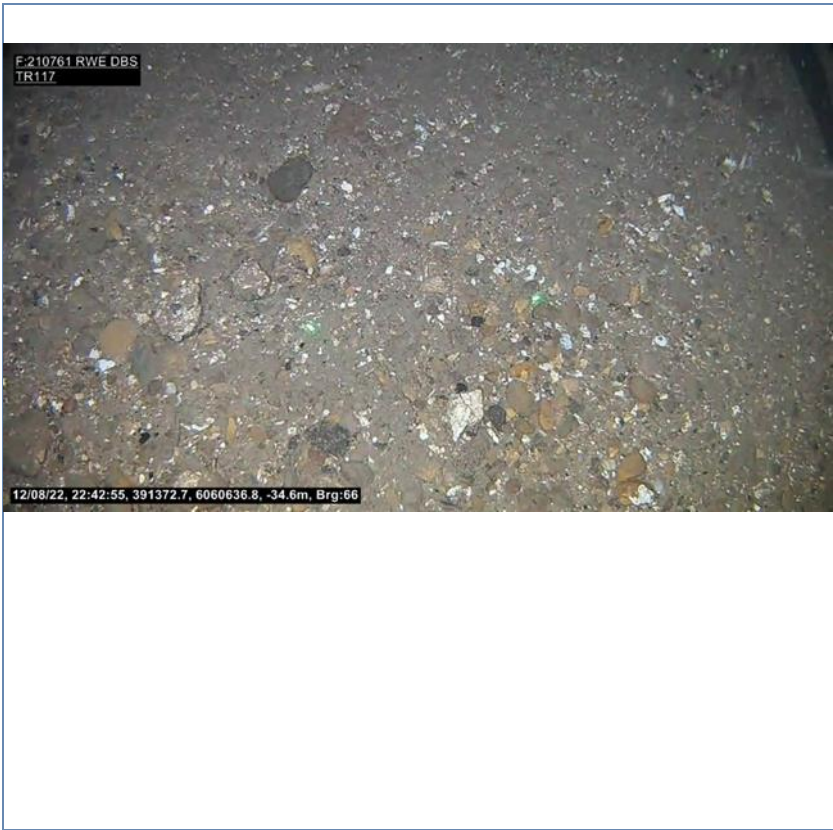


Photograph:
210761_ST116_17

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments and pebbles

Fauna:
No fauna identified

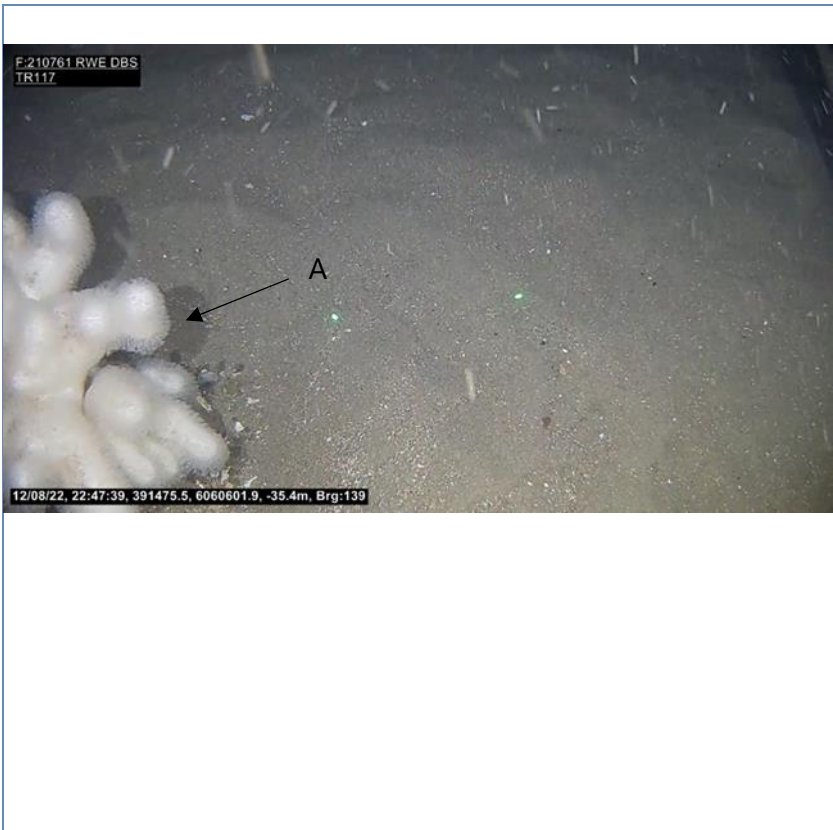
TRANSECT/STATION ST117



Photograph:
210761_ST117_02

Sediment Type:
?Muddy sandy gravel inc. shell fragments, pebbles and cobbles

Fauna:
No fauna identified

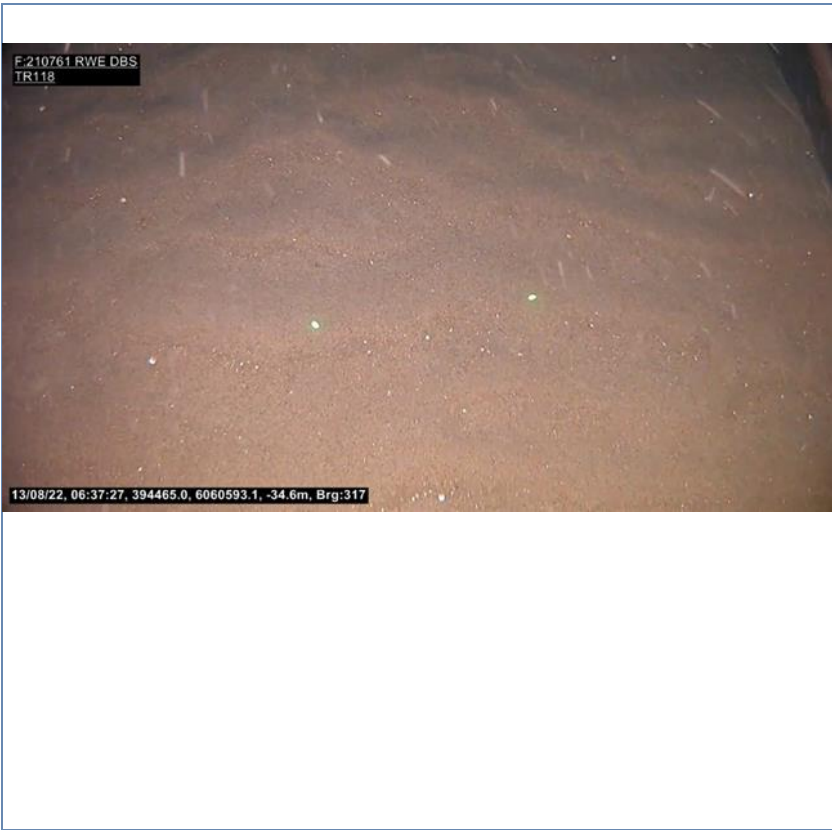


Photograph:
210761_ST117_21

Sediment Type:
Rippled sand/muddy sand with shell fragments and patches of coarser sediment (inc. pebbles, cobbles and occasional boulders)

Fauna:
A: Soft coral (*Alcyonium digitatum*)

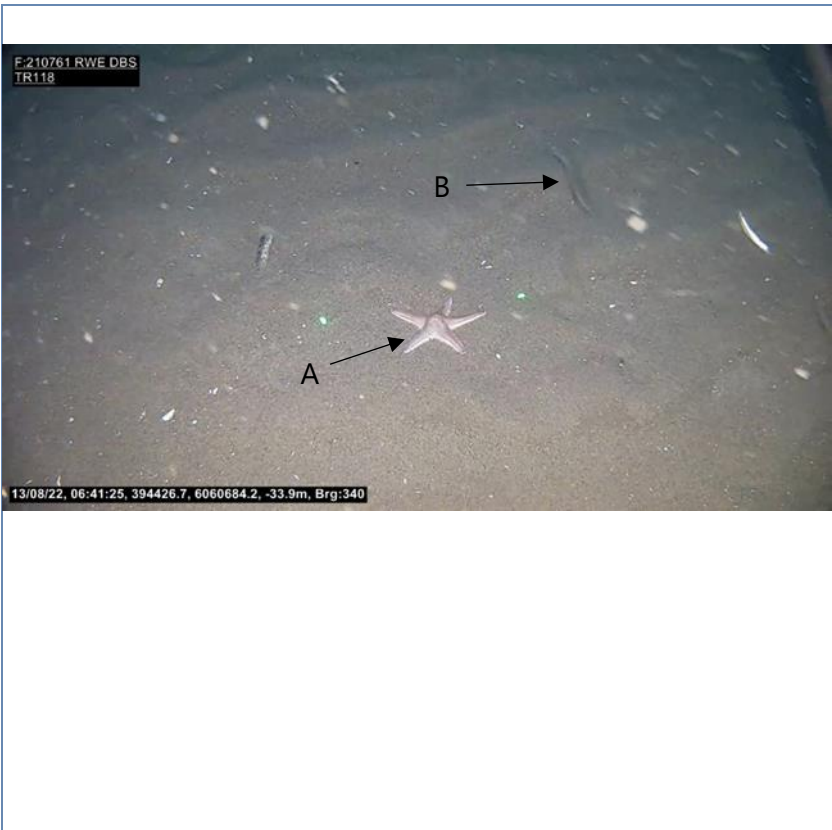
TRANSECT/STATION ST118



Photograph:
210761_ST118_01

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST118_14

Sediment Type:
Rippled sand with shell fragments

Fauna:
A: Starfish (*Astropecten irregularis*)
B: Sandeel (Ammodytidae)

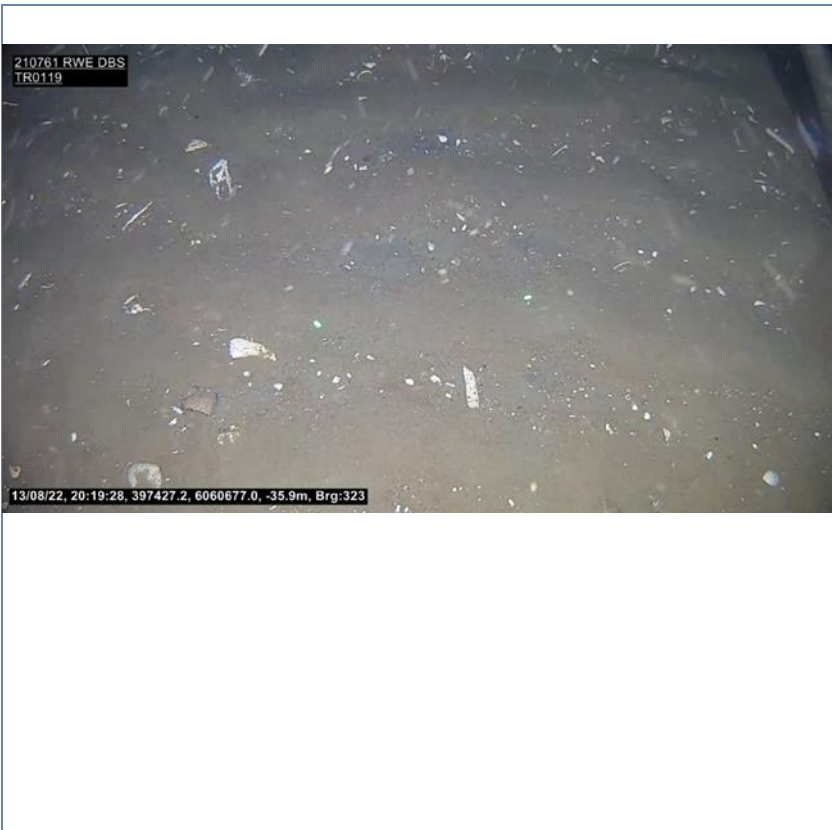
TRANSECT/STATION ST119



Photograph:
210761_ST119_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

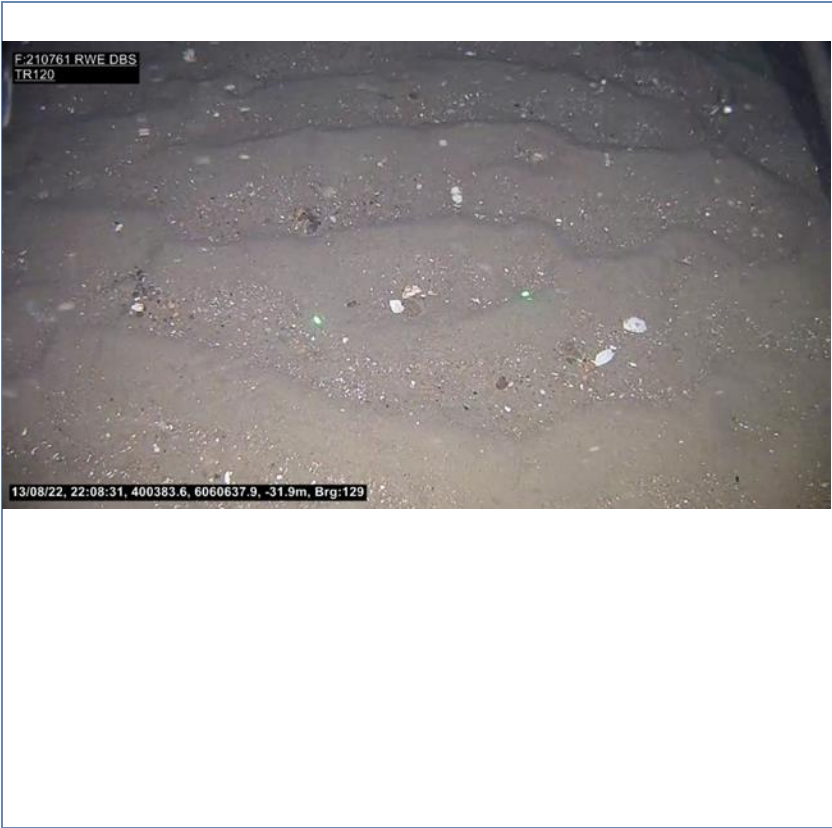


Photograph:
210761_ST119_13

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

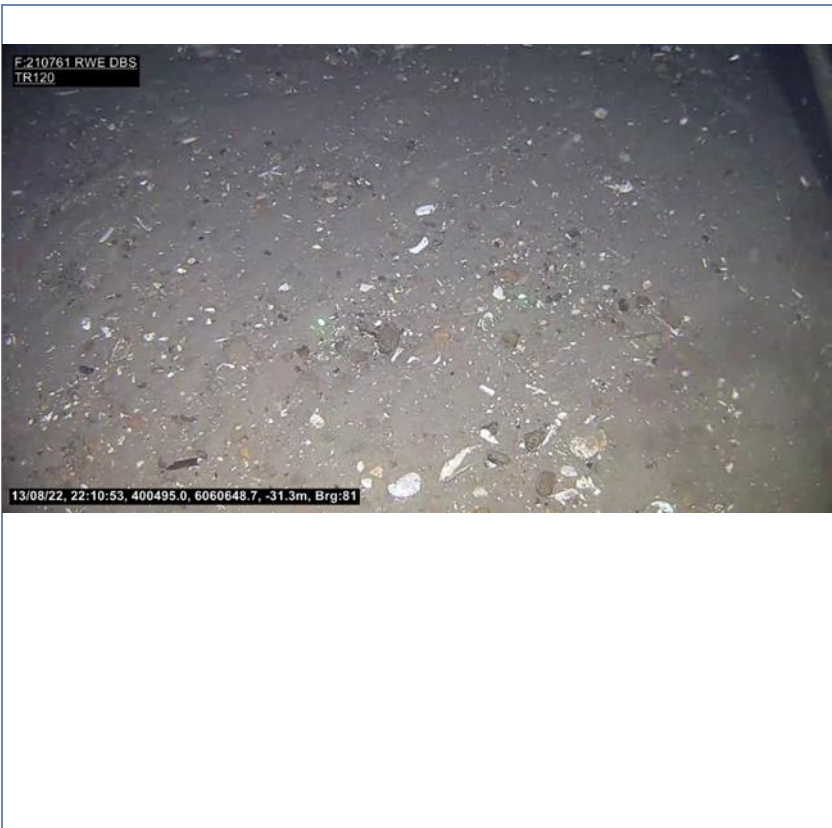
TRANSECT/STATION ST120



Photograph:
210761_ST120_02

Sediment Type:
Rippled muddy sand/sandy mud with a varying proportion of shell fragments, pebbles and occasional cobbles

Fauna:
No fauna identified



Photograph:
210761_ST120_17

Sediment Type:
Muddy sandy gravel with pebbles, shell fragments and occasional cobbles

Fauna:
No fauna identified

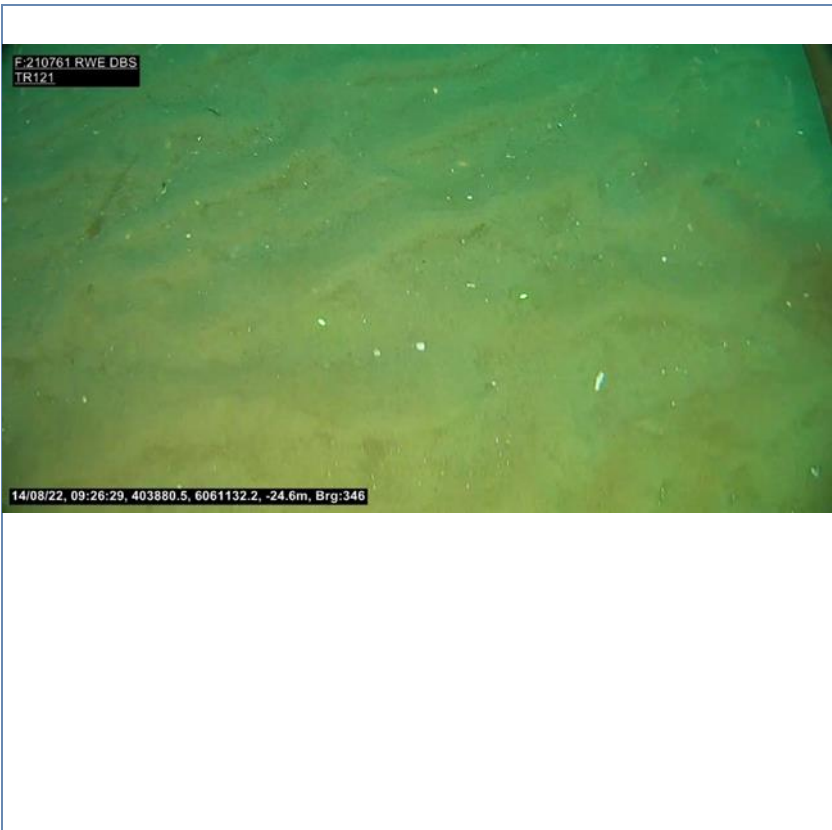
TRANSECT/STATION ST121



Photograph:
210761_ST121_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST121_06

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

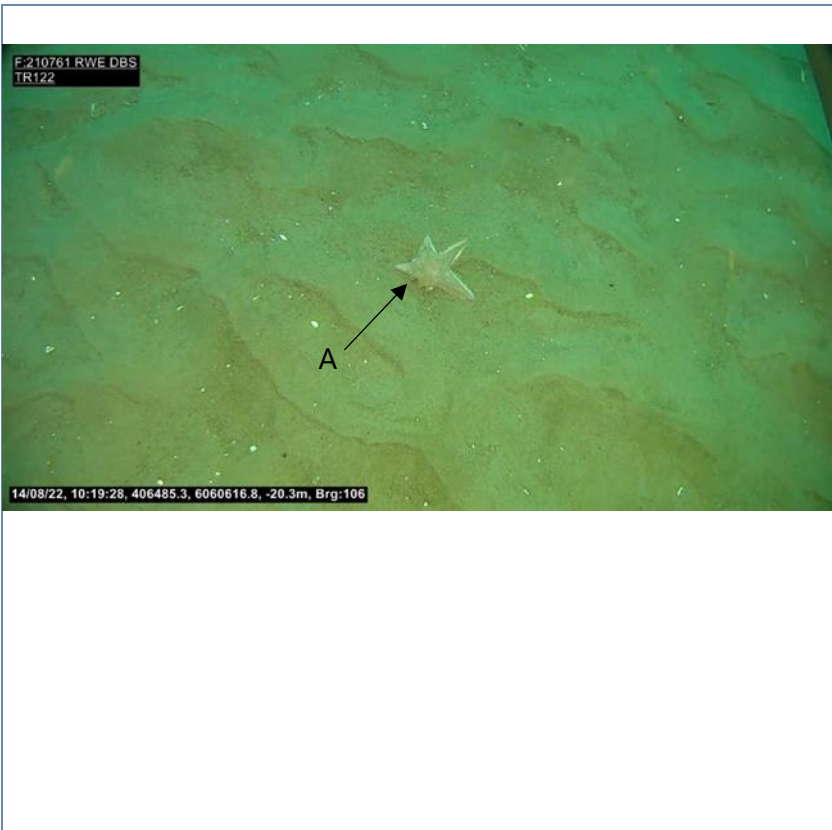
TRANSECT/STATION ST122



Photograph:
210761_ST122_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

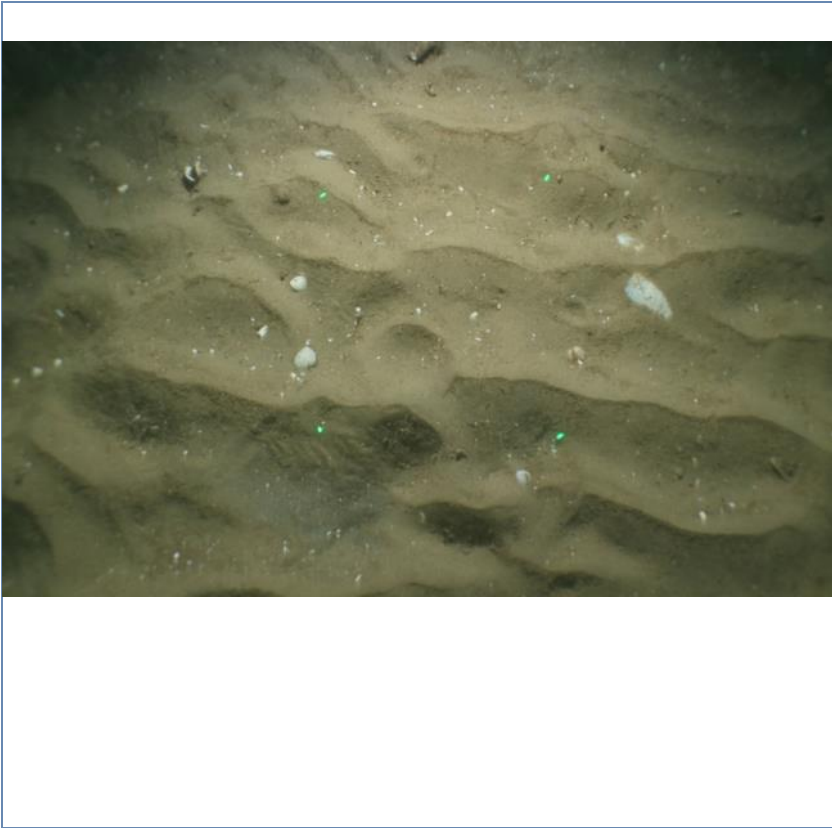


Photograph:
210761_ST122_08

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
A: Starfish (*Astropecten irregularis*)

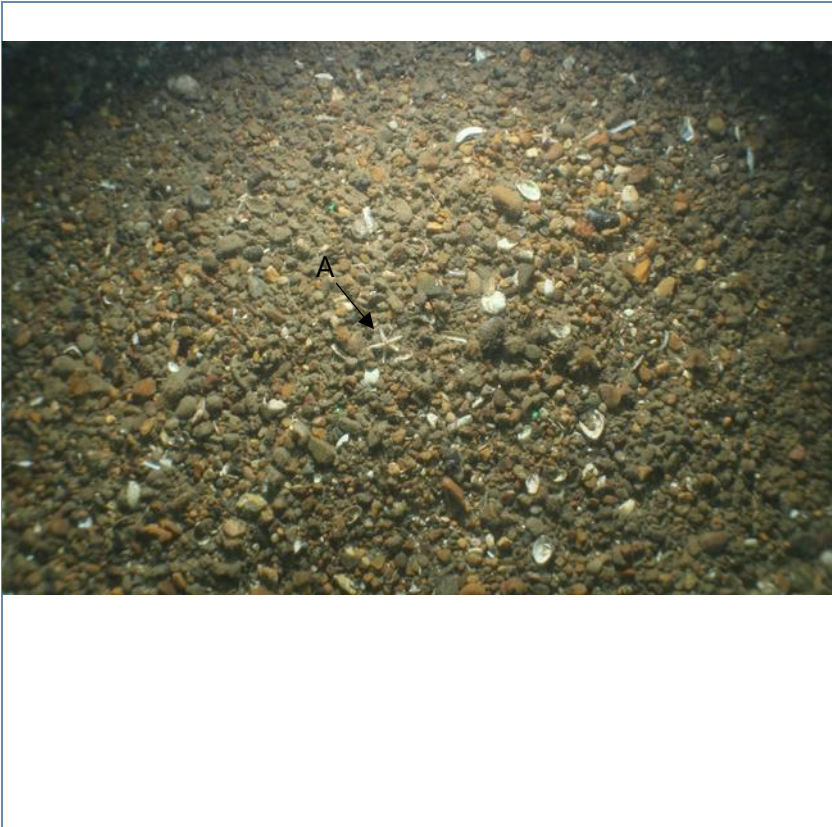
TRANSECT/STATION ST123



Photograph:
210761_ST123_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

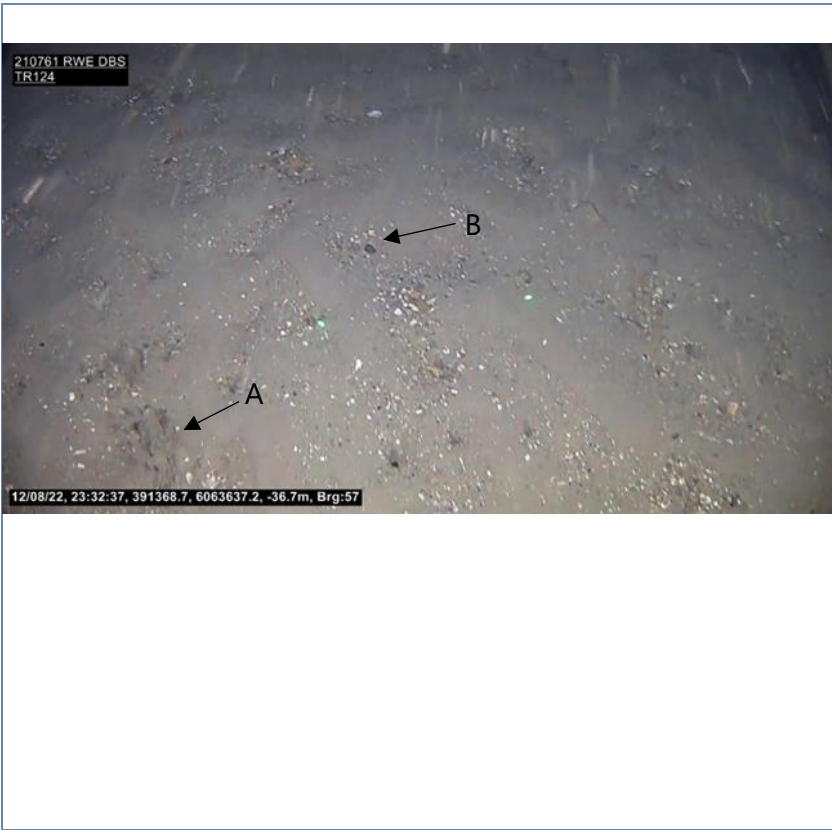


Photograph:
210761_ST123_11

Sediment Type:
?Muddy sandy gravel with shell fragments, pebbles and infrequent cobbles

Fauna:
A: Starfish (*Asterias rubens*)

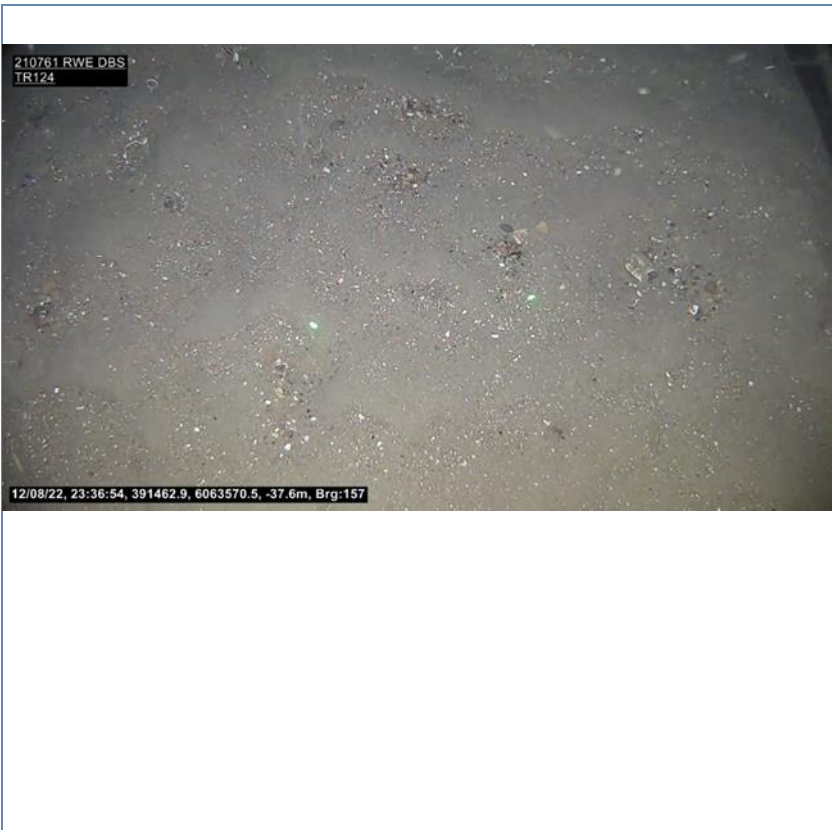
TRANSECT/STATION ST124



Photograph:
210761_ST124_001

Sediment Type:
Sandy gravel with pebbles, cobbles and shell fragments overlying clay

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa)
B: Piddock burrows (Imparidentia)



Photograph:
210761_ST124_17

Sediment Type:
Gravelly muddy sand with patches of coarser sediment inc. shell fragments, pebbles, cobbles and occasional boulders

Fauna:
No fauna identified

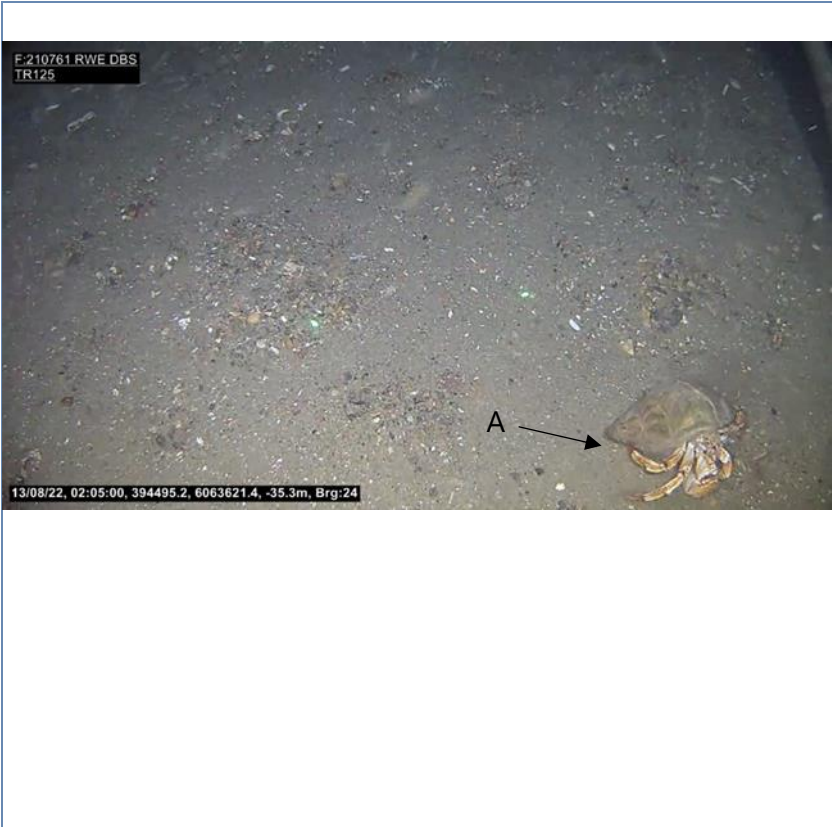
TRANSECT/STATION ST125



Photograph:
210761_ST125_01

Sediment Type:
Gravelly muddy sand with patches of coarser sediment inc. pebbles, cobbles, boulders and shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST125_10

Sediment Type:
Gravelly muddy sand with patches of coarser sediment inc. pebbles, cobbles, boulders and shell fragments

Fauna:
A: Hermit crab (*Pagurus bernhardus*) with associated hydrozoan (*Hydractinia* sp.)

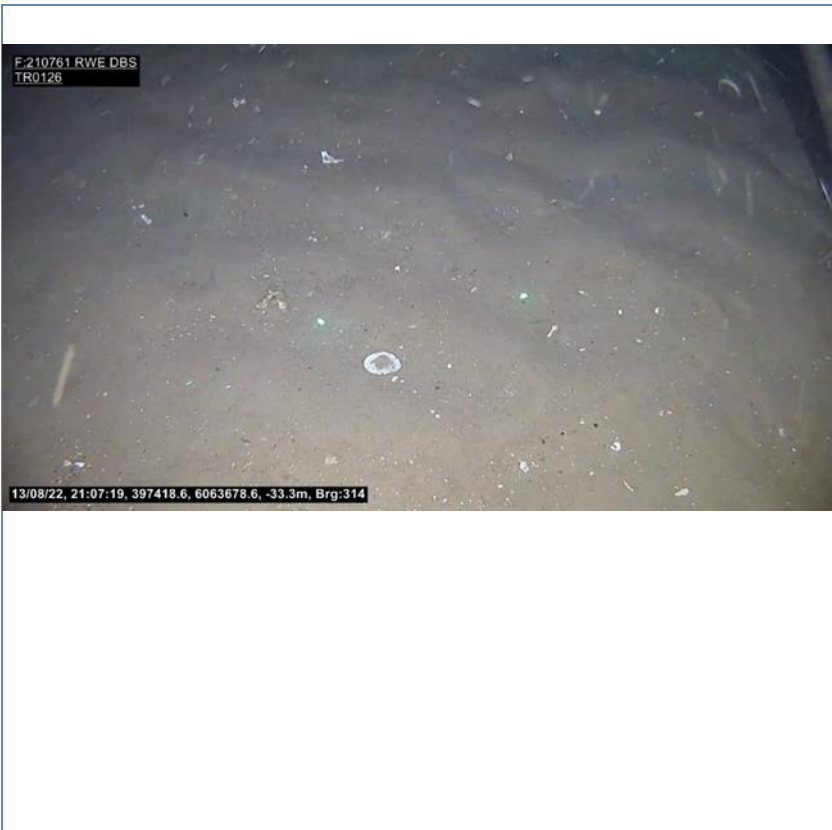
TRANSECT/STATION ST126



Photograph:
210761_ST126_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

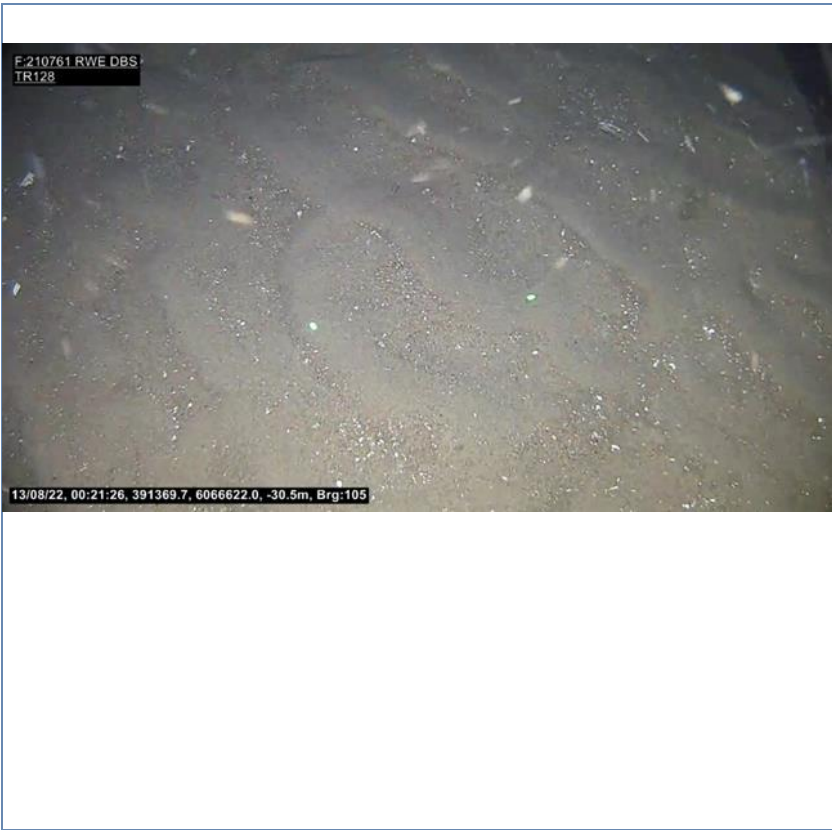


Photograph:
210761_ST126_21

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST128



Photograph:

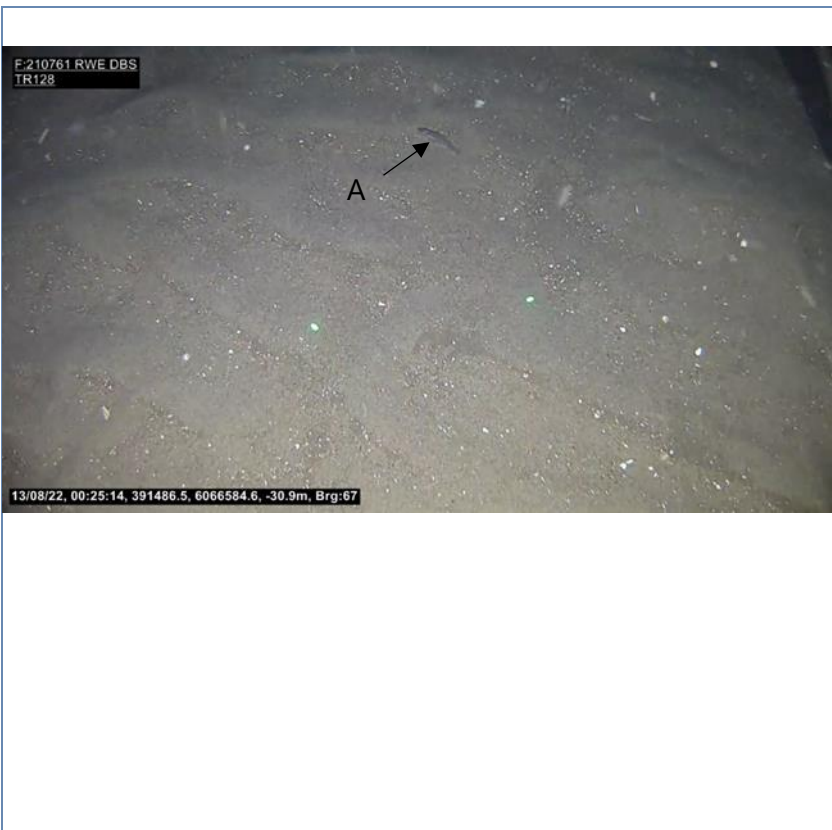
210761_ST128_01

Sediment Type:

Rippled sand with shell fragments

Fauna:

No fauna identified



Photograph:

210761_ST128_14

Sediment Type:

Rippled sand with shell fragments

Fauna:

A: Unidentified fish (Gnathostomata)

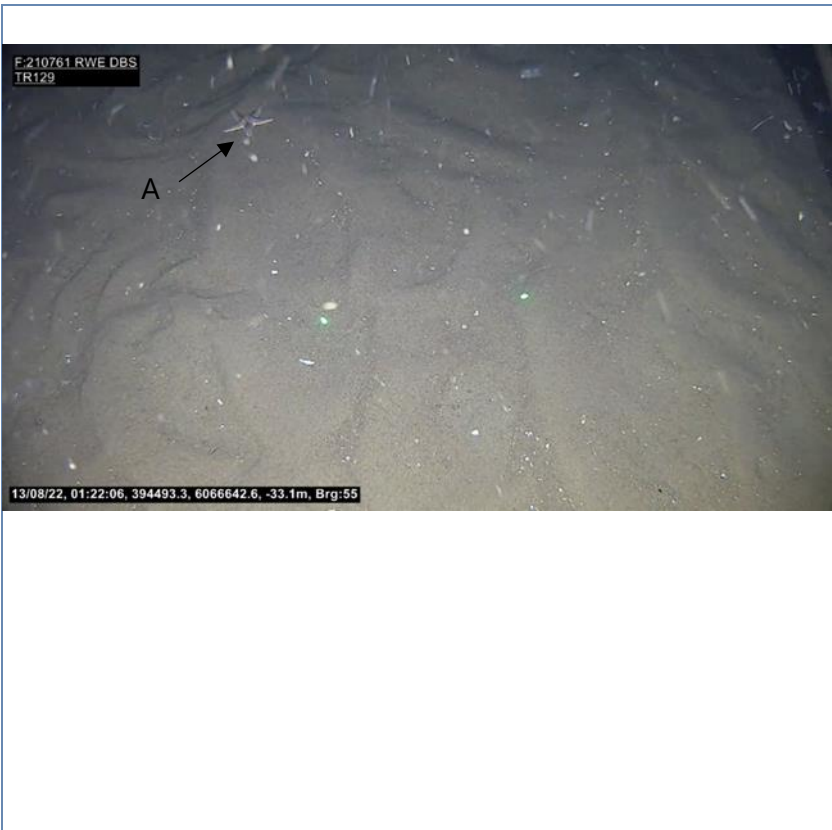
TRANSECT/STATION ST129



Photograph:
210761_ST129_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

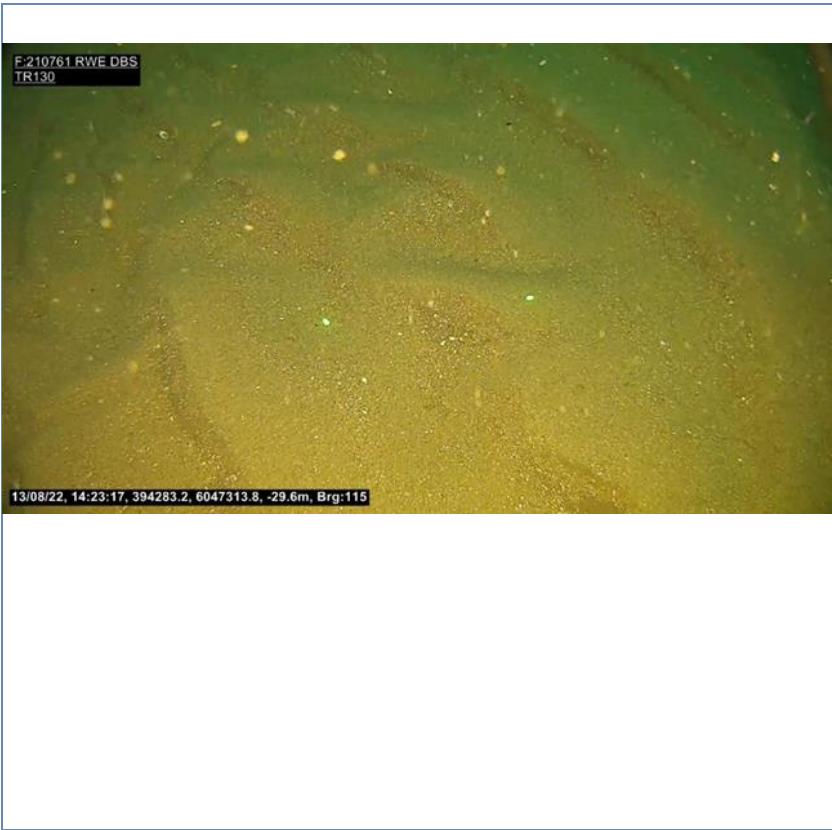


Photograph:
210761_ST129_13

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
A: Starfish (*Astropecten irregularis*)

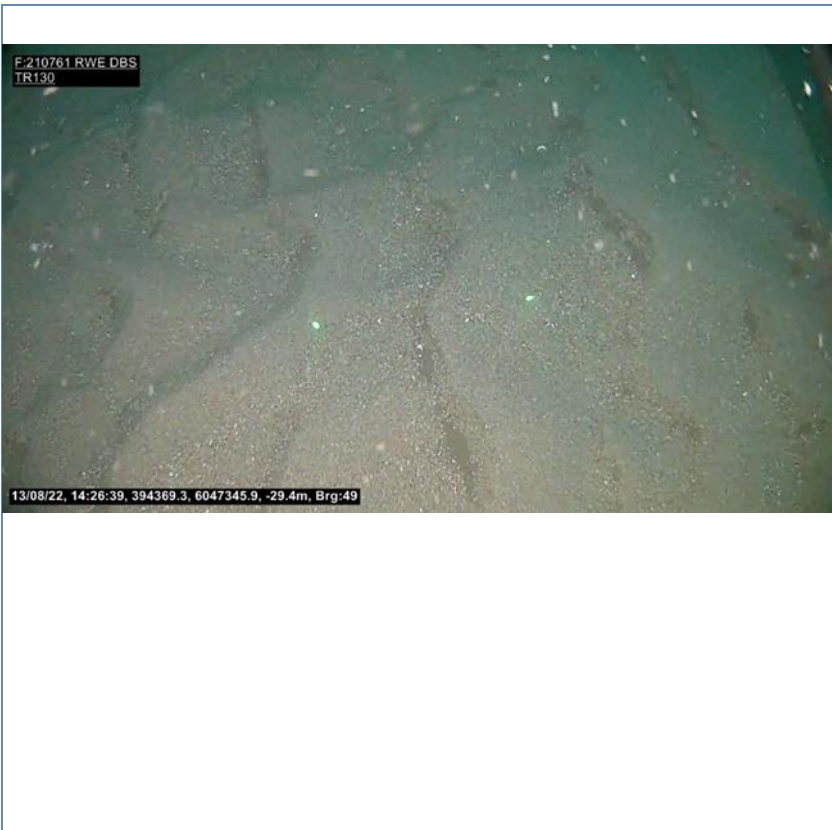
TRANSECT/STATION ST130



Photograph:
210761_ST130_01

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified

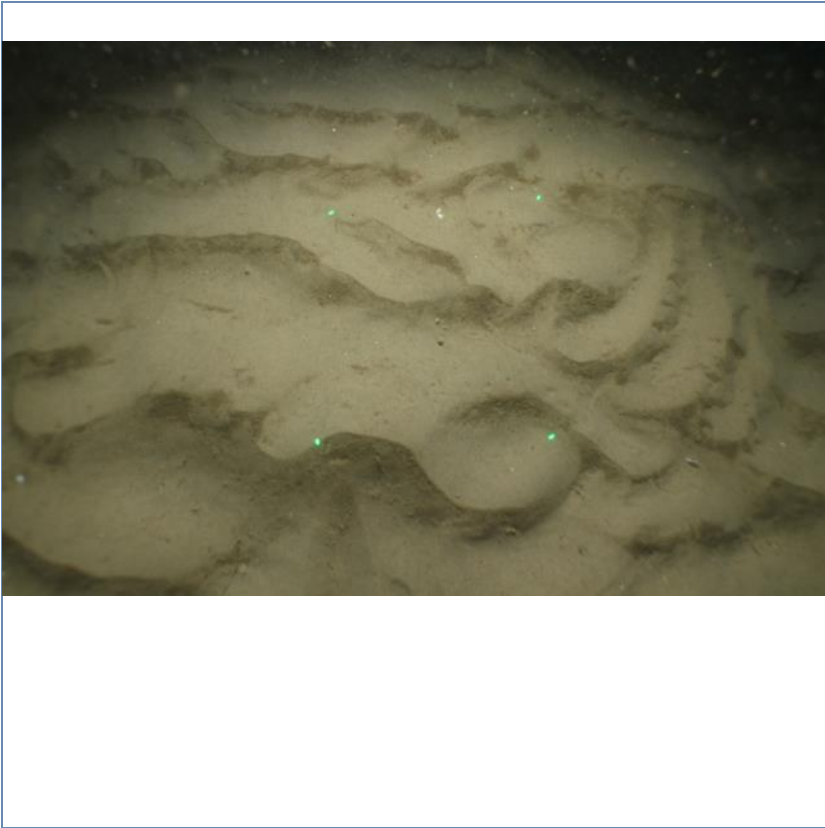


Photograph:
210761_ST130_13

Sediment Type:
Rippled sand with shell fragments

Fauna:
No faunal identified

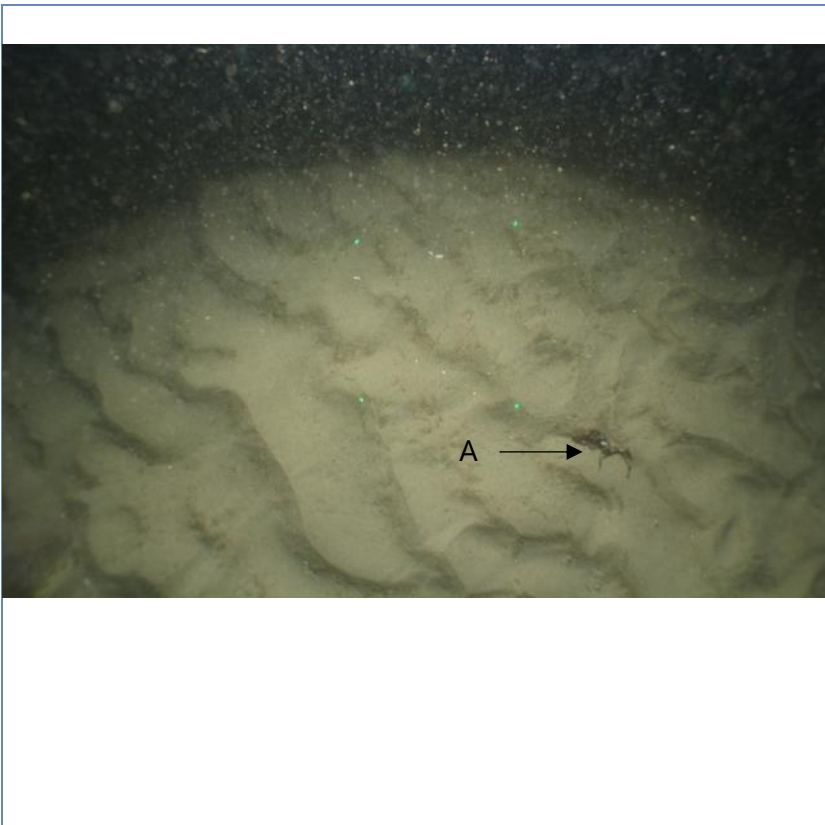
TRANSECT/STATION ST132



Photograph:
210761_ST132_02

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST132_05

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa)

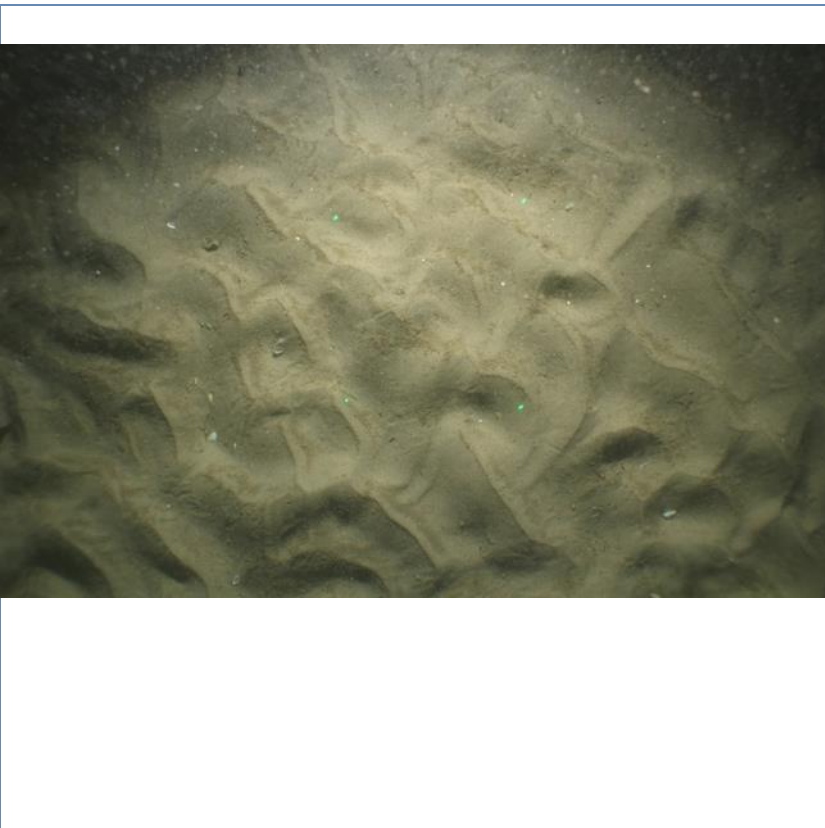
TRANSECT/STATION ST123A



Photograph:
210761_ST132A_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST132A_04

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

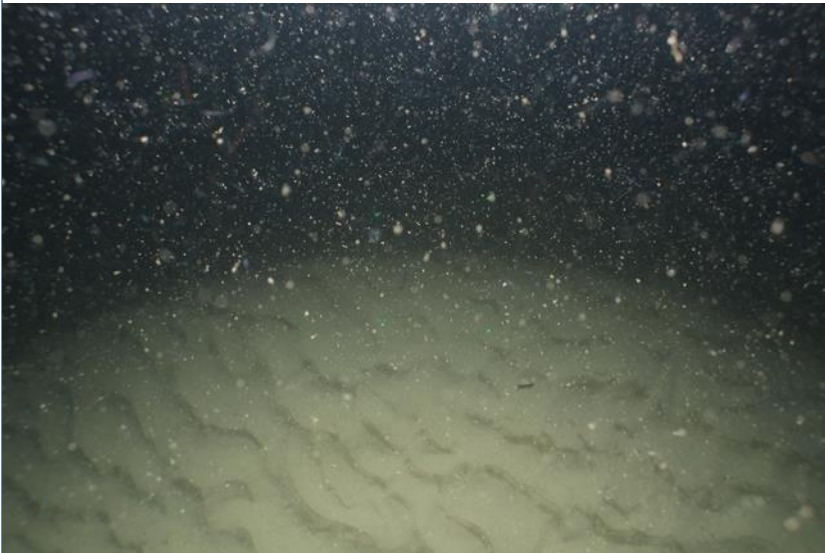
TRANSECT/STATION ST123B



Photograph:
210761_ST132B_01

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST132B_12

Sediment Type:
Rippled sand/muddy sand with a varying proportion of shell fragments

Fauna:
No fauna identified

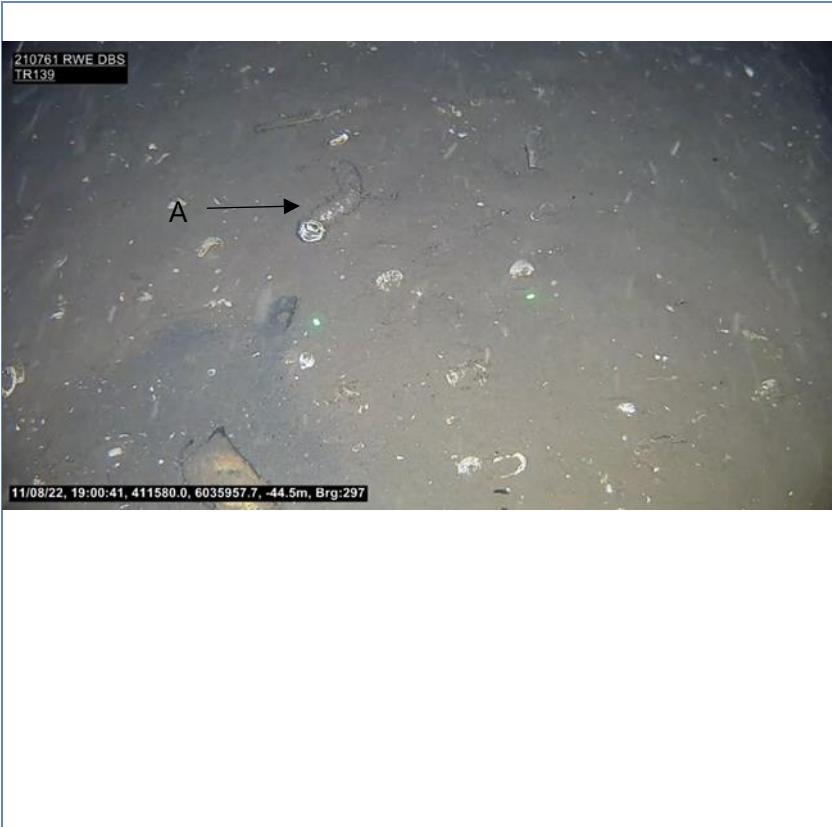
TRANSECT/STATION ST129



Photograph:
210761_ST139_01

Sediment Type:
Muddy sand with shell fragments and pebbles

Fauna:
No fauna identified



Photograph:
210761_ST139_19

Sediment Type:
Muddy sand with shell fragments and pebbles

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa) on debris

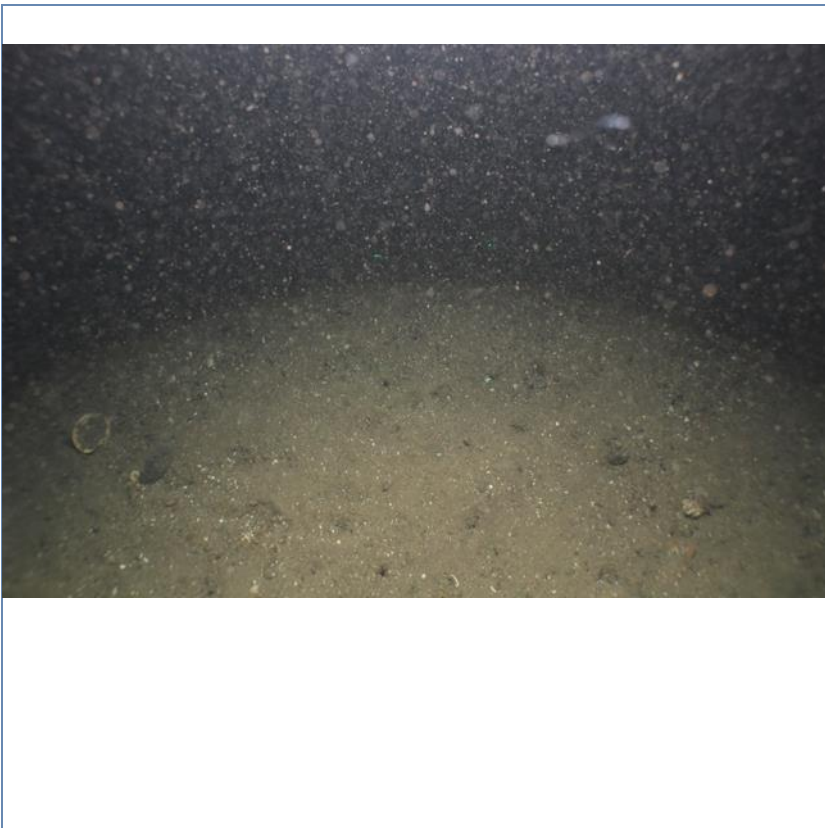
TRANSECT/STATION ST161



Photograph:
210761_ST161_01

Sediment Type:
Muddy ?sandy gravel inc. shell fragments and pebbles

Fauna:
A: Soft coral (*Alcyonium digitatum*)

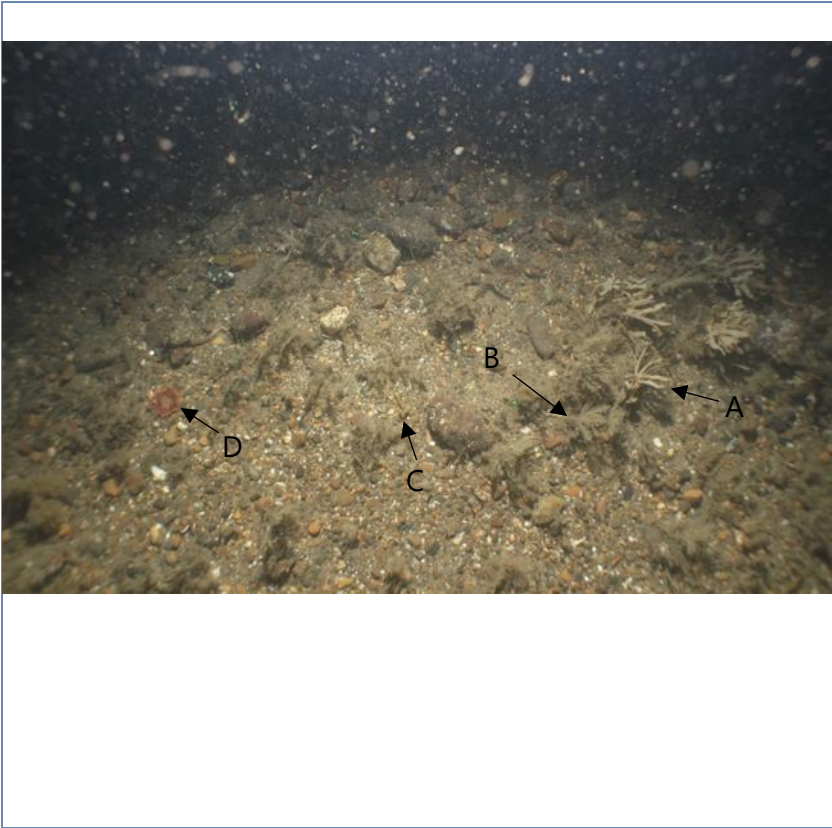


Photograph:
210761_ST161_17

Sediment Type:
Muddy ?sandy gravel inc. shell fragments and pebbles

Fauna:
No fauna identified

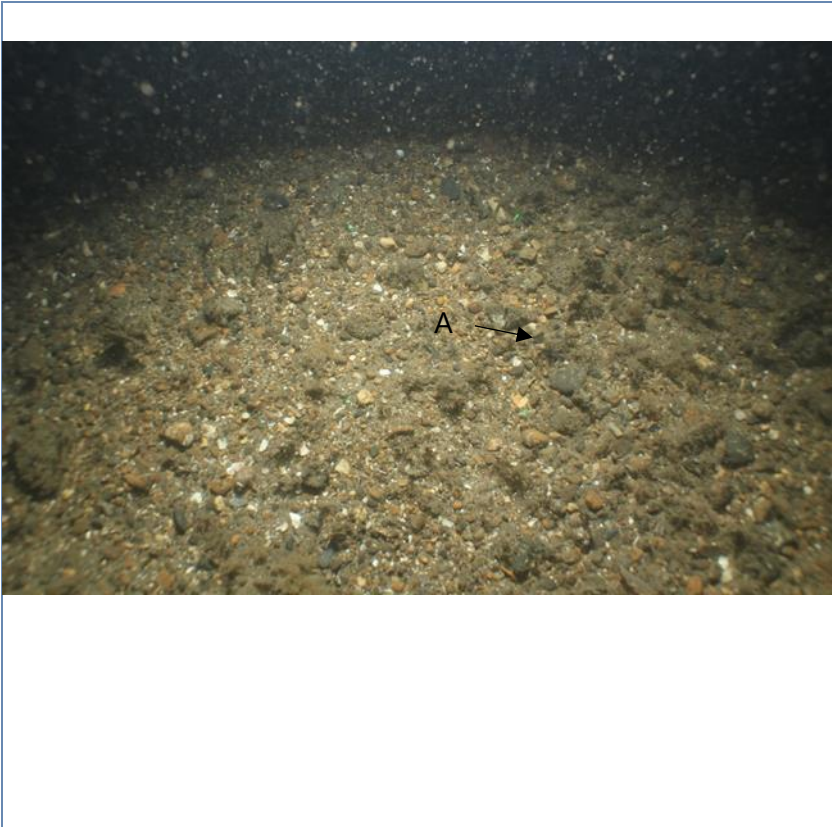
TRANSECT/STATION ST166



Photograph:
210761_ST166_01

Sediment Type:
Coarse sediment (Sandy gravel with cobbles, pebbles and boulders)

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa inc. Flustridae)
B: Hydrozoan (?*Nemertesia* sp.)
C: Bryozoan (*Alcyonidium diaphanum*)
D: Anemone (?*Urticina* sp.)



Photograph:
210761_ST166_19

Sediment Type:
Coarse sediment (Sandy gravel with cobbles, pebbles and boulders)

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa)

TRANSECT/STATION ST167



Photograph:
210761_ST167_01

Sediment Type:
Coarse sediment (Gravelly sand/sandy gravel with cobbles, pebbles, boulders and shell fragments) with patches of rippled sand

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa).
B: Bryozoan (*Alcyonidium diaphanum*)



Photograph:
210761_ST167_15

Sediment Type:
Rippled gravelly sand with a varying proportion of pebbles, cobbles and shell fragments

Fauna:
No fauna identified

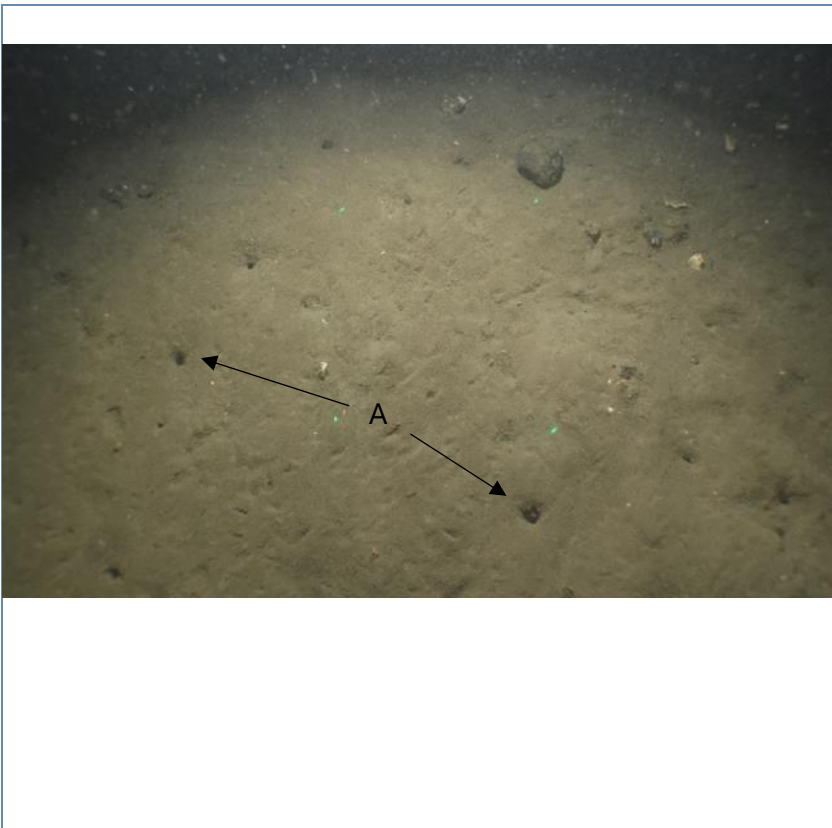
TRANSECT/STATION ST181



Photograph:
210761_ST181_01

Sediment Type:
Mud/sandy mud with occasional cobbles and boulders

Fauna:
No fauna identified



Photograph:
210761_ST181_22

Sediment Type:
Muddy (sandy) gravel with cobbles, pebbles, boulders and shell fragments) with emergent consolidated clay

Fauna:
A: Piddock burrows (*Imparidentia*)

TRANSECT/STATION ST182



Photograph:
210761_ST182_01

Sediment Type:
Rippled sand/muddy sand with varying proportions of shells and gravel (pebbles and occasional cobbles)

Fauna:
A: Starfish (*Asterias rubens*)
B: Bryozoan (Flustridae)



Photograph:
210761_ST182_15

Sediment Type:
Rippled sand/muddy sand with varying proportions of shells and gravel (pebbles and occasional cobbles)

Fauna:
A: Starfish (*Asterias rubens*)

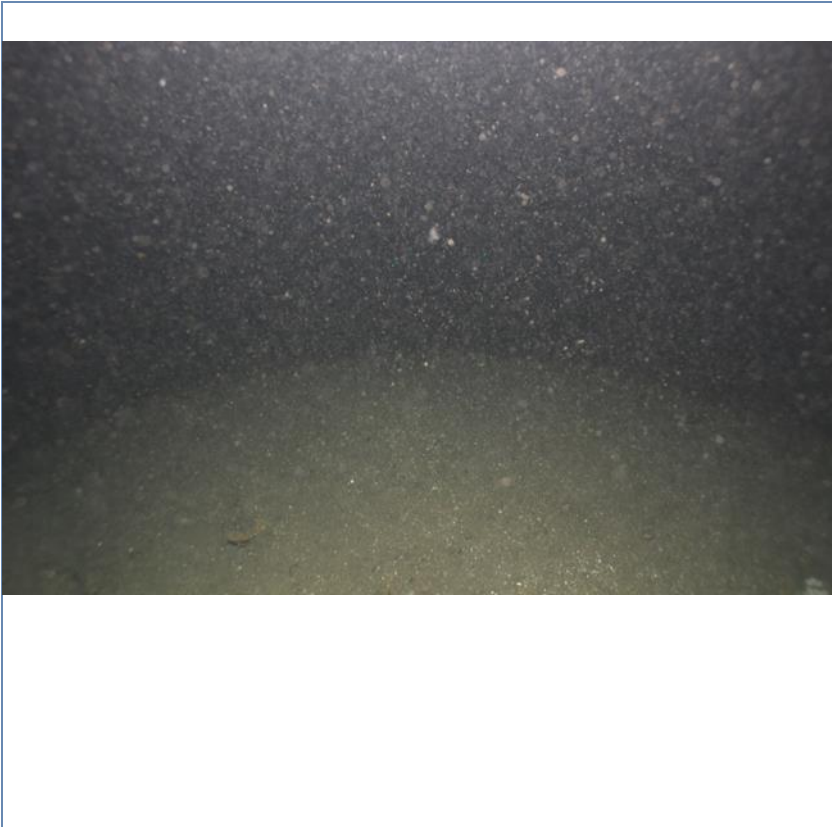
TRANSECT/STATION ST183



Photograph:
210761_ST183_01

Sediment Type:
Gravelly sand/sandy gravel with pebbles, cobbles, boulders and shell fragments

Fauna:
A: Soft coral (*Alcyonium digitatum*)
B: Bryozoan (Flustridae)



Photograph:
210761_ST183_18

Sediment Type:
Gravelly sand/sandy gravel with pebbles, cobbles, boulders and shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST184



Photograph:
210761_ST184_01

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST184_22

Sediment Type:
Rippled muddy sand/sandy mud with shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST185



Photograph:
210761_ST185_01

Sediment Type:
Rippled gravelly sand with shell fragments, pebbles and cobbles

Fauna:
A: Soft coral (*Alcyonium digitatum*)



Photograph:
210761_ST185_17

Sediment Type:
Rippled gravelly sand with shell fragments, pebbles and cobbles

Fauna:
A: Soft coral (*Alcyonium digitatum*)

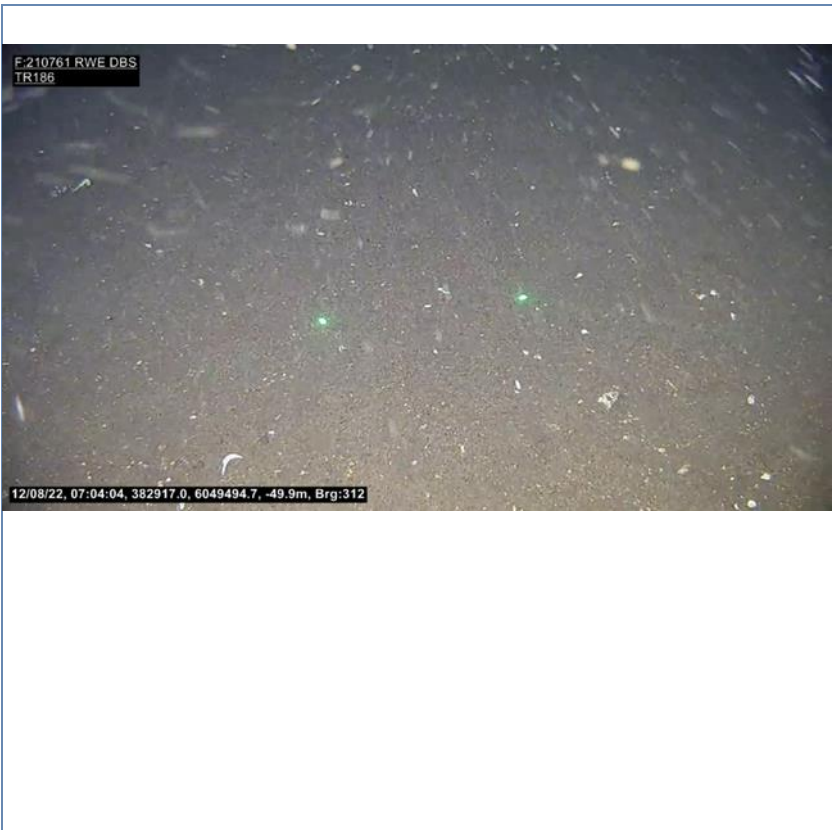
TRANSECT/STATION ST186



Photograph:
210761_ST186_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST186_13

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

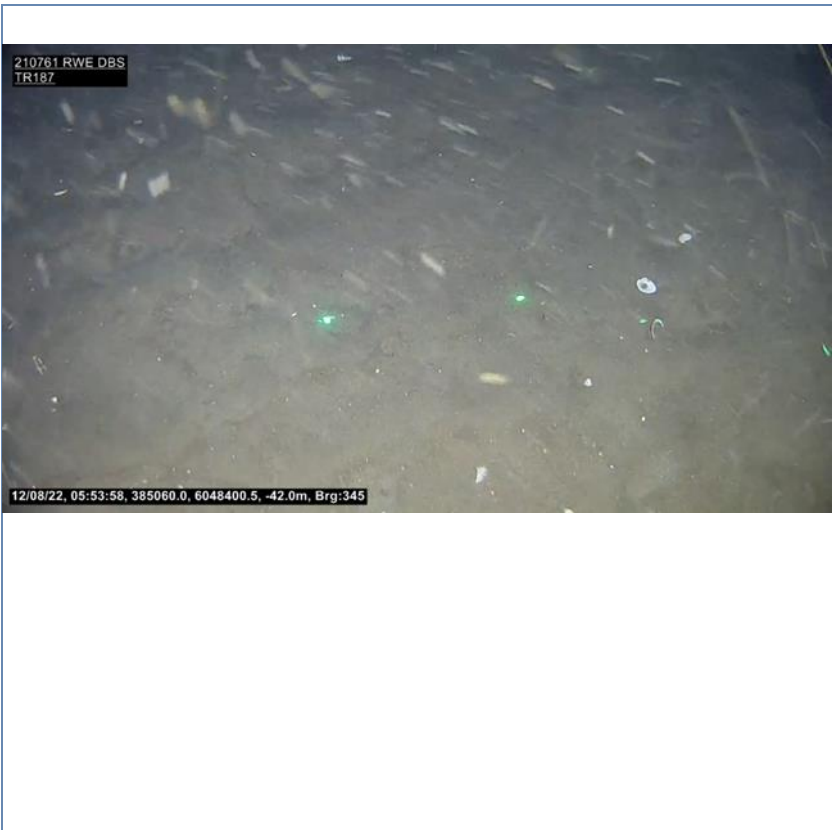
TRANSECT/STATION ST187



Photograph:
210761_ST187_01

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
A: Crab (Brachyura)

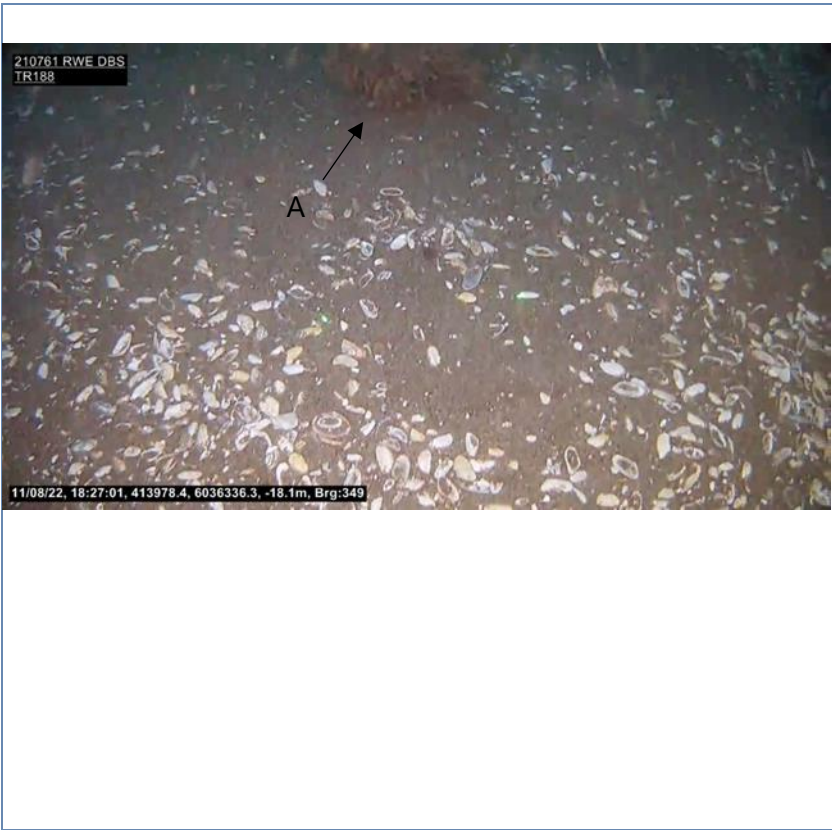


Photograph:
210761_ST187_11

Sediment Type:
Rippled sand/muddy sand with shell fragments

Fauna:
No fauna identified

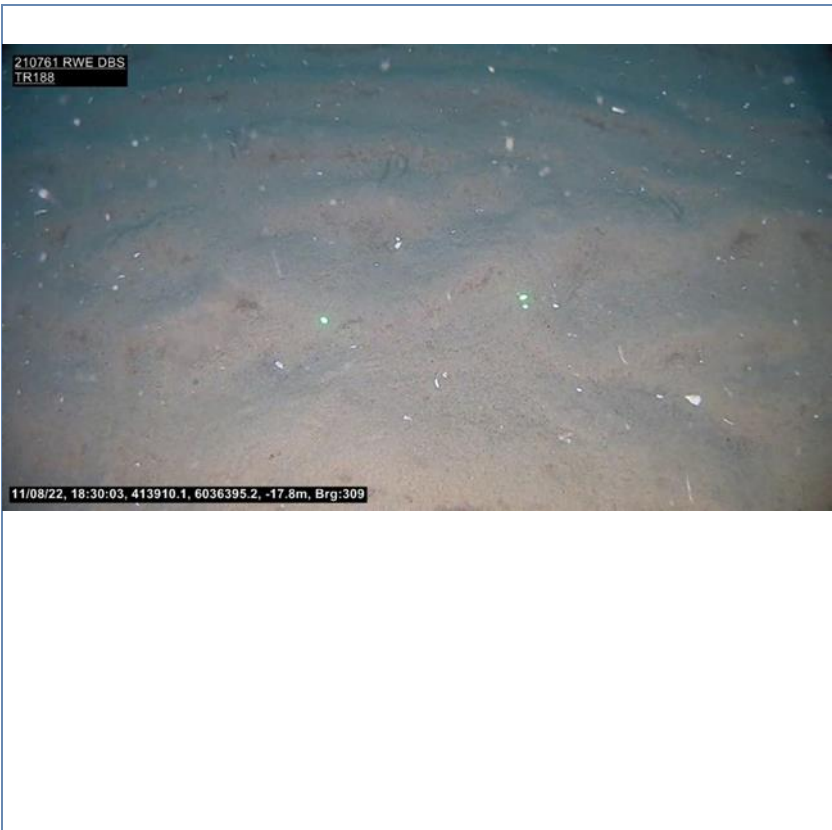
TRANSECT/STATION ST188



Photograph:
210761_ST188_01

Sediment Type:
Rippled sand with a varying proportion of shell fragments

Fauna:
A: Faunal turf (Hydrozoa/Bryozoa)



Photograph:
210761_ST188_18

Sediment Type:
Rippled sand with a varying proportion of shell fragments

Fauna:
No fauna identified

TRANSECT/STATION ST189



Photograph:
210761_ST189_03

Sediment Type:
Rippled sand with shell fragments
and pebbles

Fauna:
No fauna identified



Photograph:
210761_ST189_15

Sediment Type:
Rippled sand with shell fragments
and pebbles

Fauna:
A: Starfish (*Astropecten irregularis*)

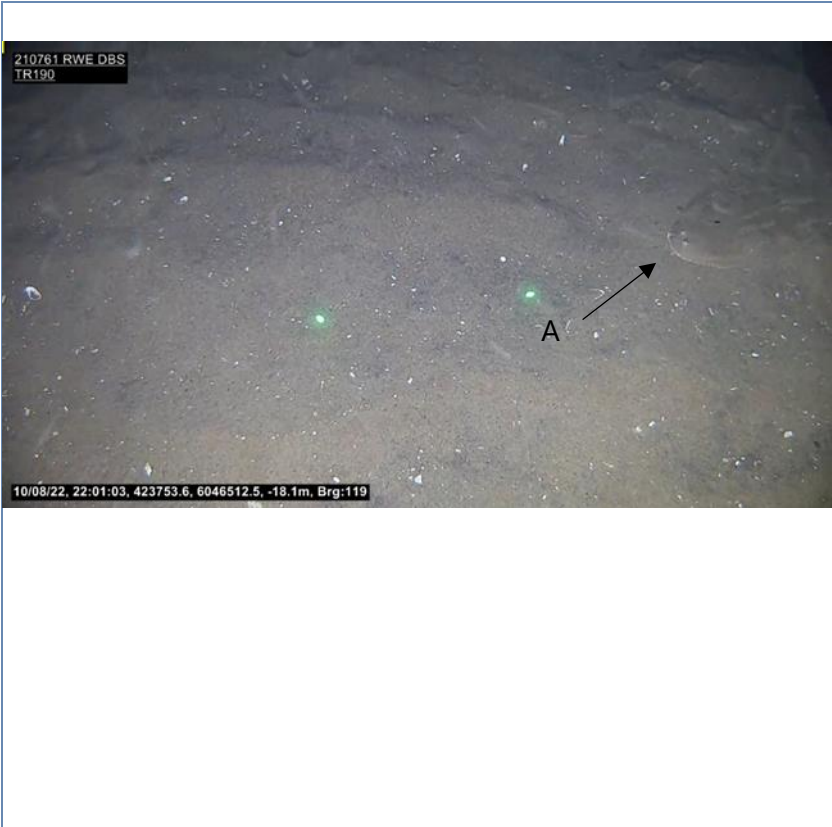
TRANSECT/STATION ST190



Photograph:
210761_ST190_02

Sediment Type:
Rippled sand with shell fragments and pebbles

Fauna:
No fauna identified



Photograph:
210761_ST190_15

Sediment Type:
Rippled sand with shell fragments and pebbles

Fauna:
A: Sole (Soleidae)

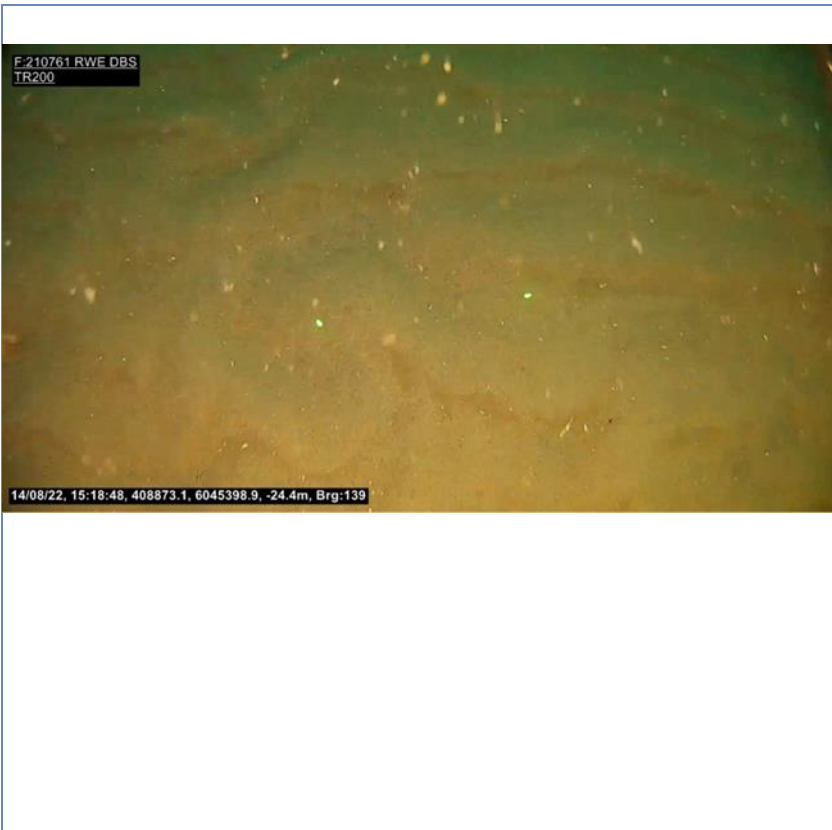
TRANSECT/STATION ST200



Photograph:
210761_ST200_01

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified



Photograph:
210761_ST200_03

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified

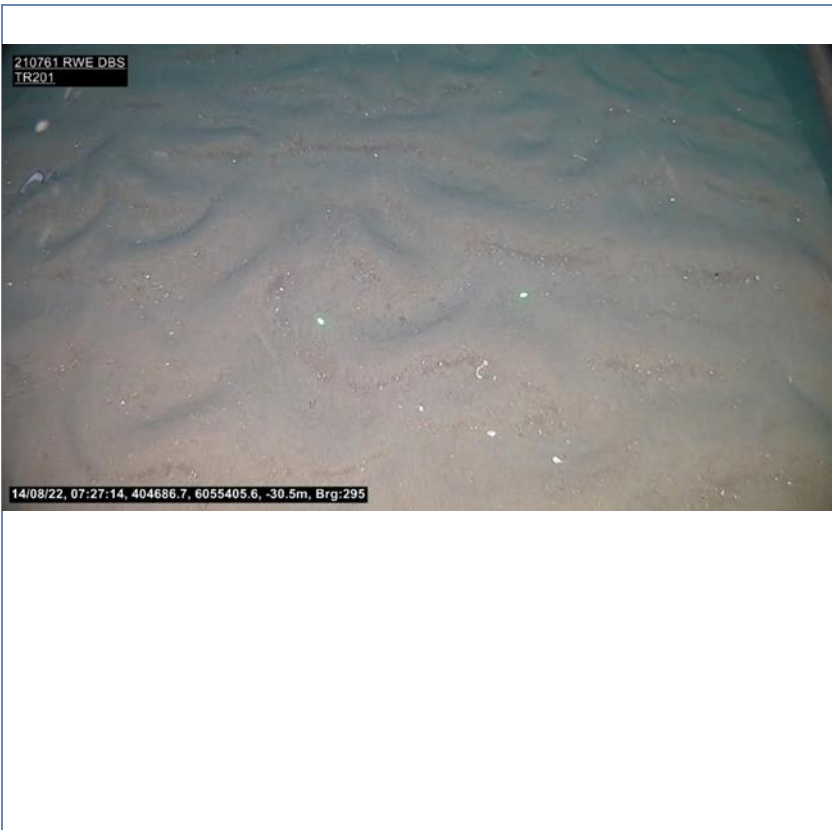
TRANSECT/STATION ST201



Photograph:
210761_ST201_01

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified

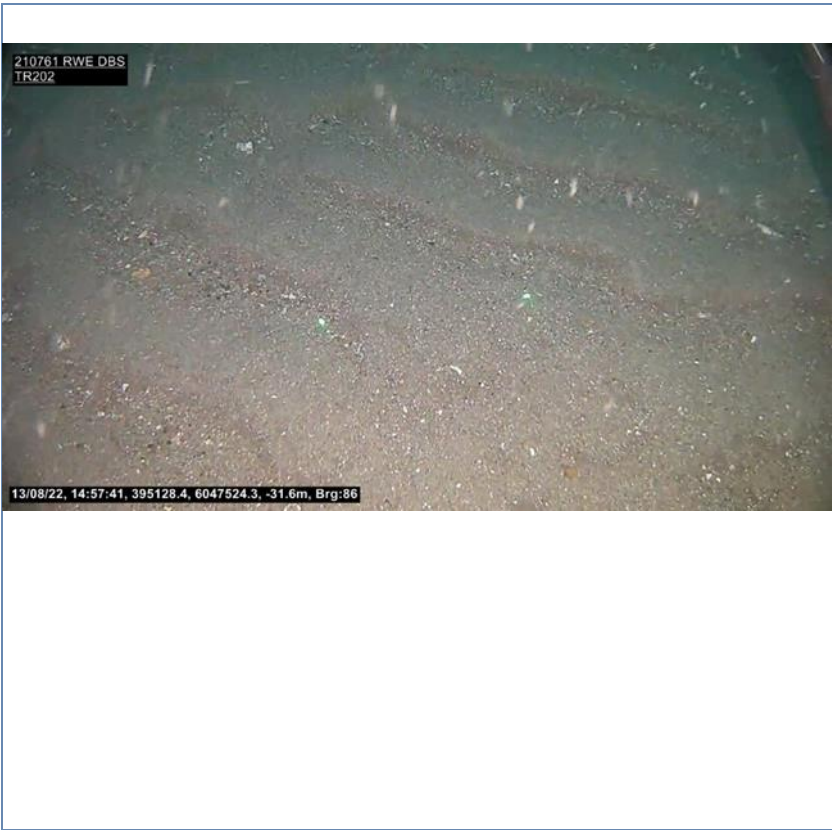


Photograph:
210761_ST201_07

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified

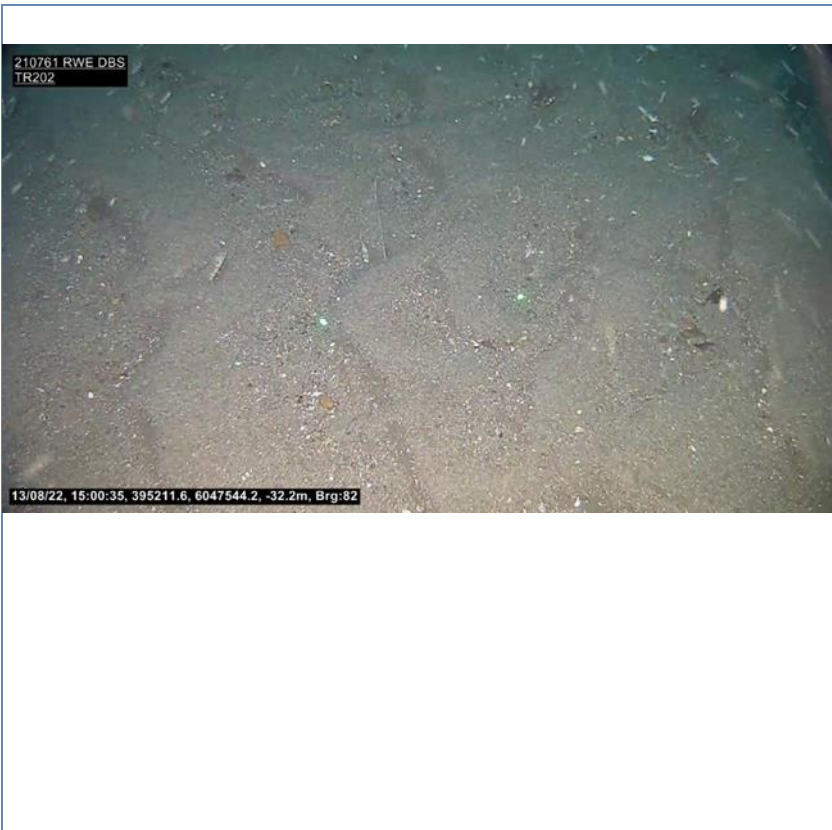
TRANSECT/STATION ST202



Photograph:
210761_ST202_01

Sediment Type:
Rippled sand with shell fragments and pebbles

Fauna:
No fauna identified

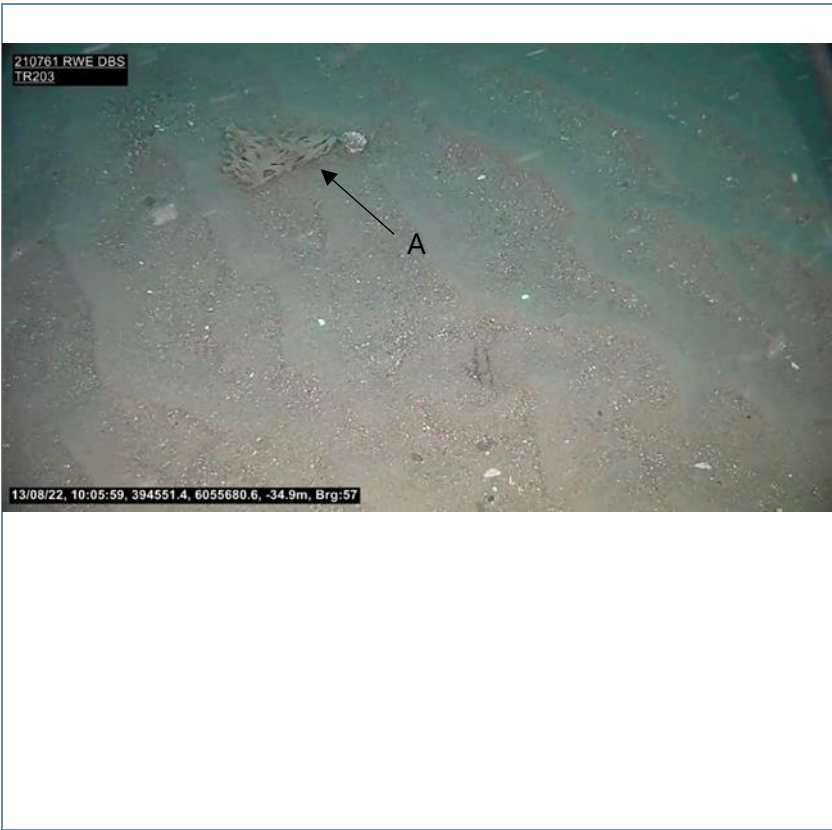


Photograph:
210761_ST202_21

Sediment Type:
Rippled (gravelly) sand with shell fragments and patches of coarser sediment (pebbles)

Fauna:
No fauna identified

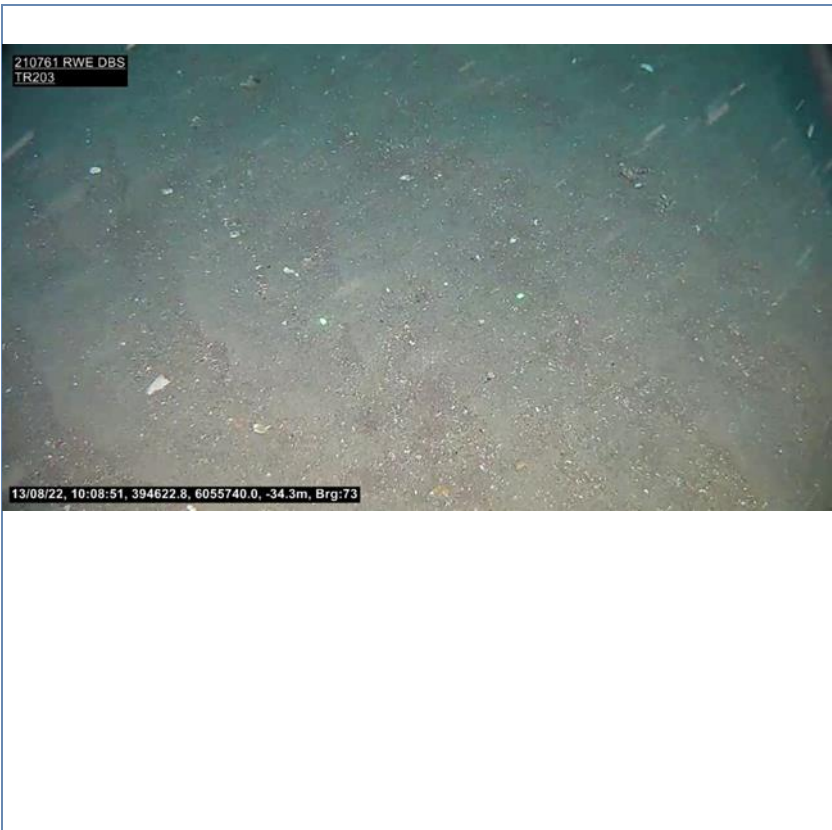
TRANSECT/STATION ST ST203



Photograph:
210761_ST203_01

Sediment Type:
Rippled sand/slightly gravelly sand with a varying proportion of shell fragments and pebbles

Fauna:
A: Bryozoan (Flustridae)



Photograph:
210761_ST203_09

Sediment Type:
Coarse sediment (Sandy gravel/gravelly sand with pebbles and shell fragments)

Fauna:
No fauna identified

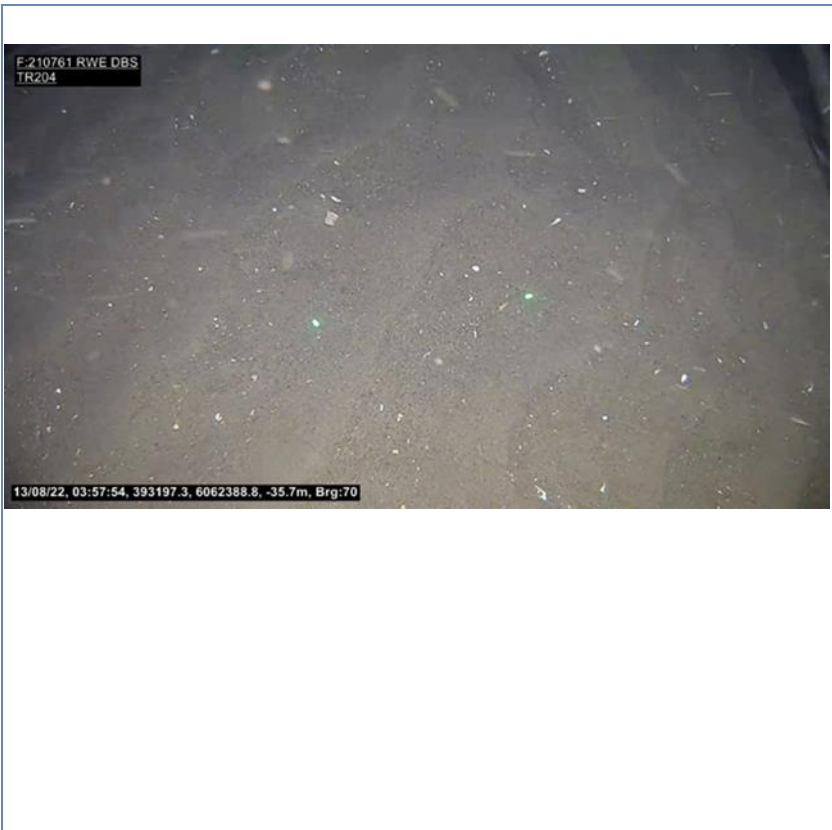
TRANSECT/STATION ST204



Photograph:
210761_ST204_02

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified

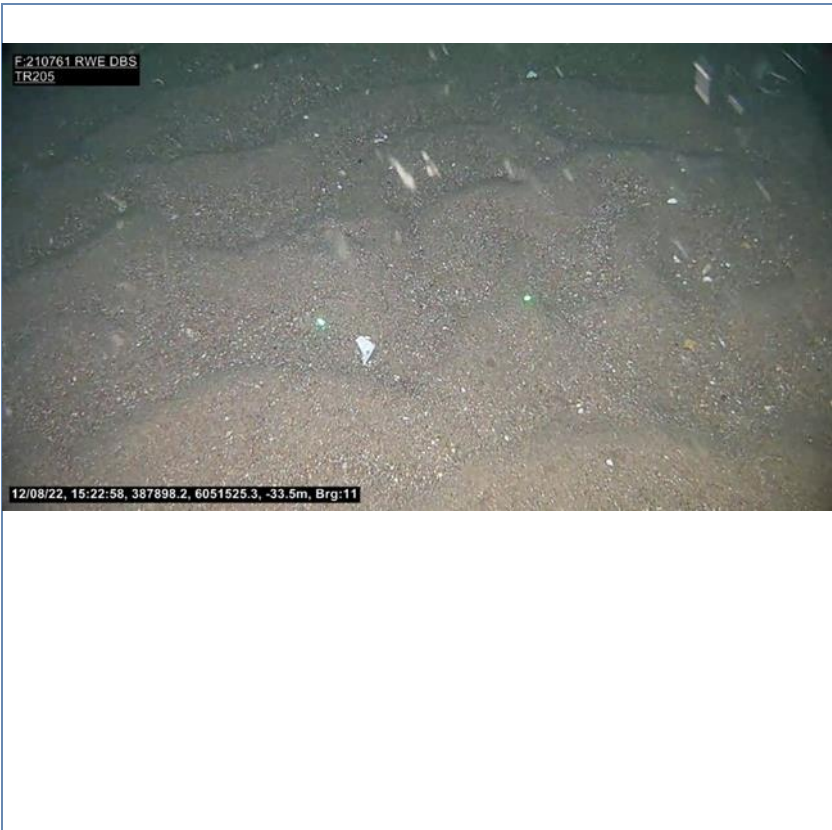


Photograph:
210761_ST204_13

Sediment Type:
Rippled sand with shell fragments

Fauna:
No fauna identified

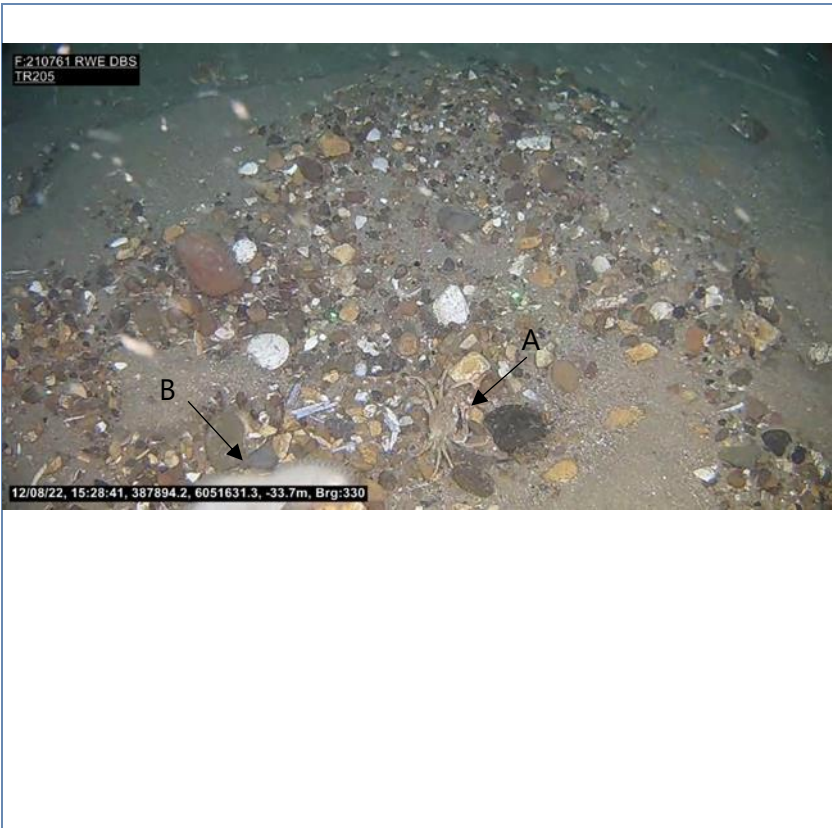
TRANSECT/STATION ST205



Photograph:
210761_ST205_01

Sediment Type:
Rippled sand with shell fragments and patches of pebbles

Fauna:
No fauna identified



Photograph:
210761_ST205_23

Sediment Type:
Rippled sand with shell fragments and patches of coarse sediment (pebbles)

Fauna:
A: Crab (*Liocarcinus depurator*)
B: Soft coral (*Alcyonium digitatum*)

Appendix D

SACFOR Abundance Data

Station	Section	Habitat	Phylum	Plantae	Porifera		Cnidaria										Annelida		Crustacea										
			Taxon	Rhodophyta	?Porifera	<i>Haliclona oculata</i>	Faunal turf (Hydrozoa/Bryozoa)	Ctenophora	<i>Halecium</i> sp.	<i>Hydractinia</i> sp.	<i>Nemertea</i> sp.	<i>Tubularia</i>	Anthozoa	<i>Alcyonium digitatum</i>	Actiniaria	<i>Urticina</i> sp.	<i>Metridium</i> sp.	Sabellidae	Polychaeta	<i>Lanice conchilega</i>	Sessilia	Caridea	Galatheoidea	Brachyura	<i>Atelecyclus rotundatus</i>	<i>Cancer pagurus</i>	<i>Ebalia</i> sp.	Inachidae	<i>Liocarcinus</i> sp.
			SACFOR Growth Form/ Size Class [cm]	Massive/Turf	Massive/Turf	Crust/Meadow	Massive/Turf	1-3	Massive/Turf	Massive/Turf	3-15	Massive/Turf	1-3	Massive/Turf	1-3	3-15	3-15	3-15	1-3	1-3	Crust/Meadow	1-3	3-15	3-15	3-15	>15	1-3	1-3	3-15
ST001	1	MC1251/MC521				R							R																
ST003	NA	MC1251/MC521				R																							
ST009	NA	MC621				R						R																	
ST010	NA	MC621				R						R																	
ST012	NA	MC321										R																	
ST015	NA	MC321																											
ST015A	NA	MC621																											
ST016	NA	MC621				R						R																	
ST023	NA	MB523																						O					
ST024	NA	MB523																											
ST030	NA	MB523																											
ST031	NA	MB523																											
ST032	NA	MB523				R																							
ST038	NA	MB523																											
ST041	NA	MB523				R																							
ST042	NA	MC521				R						R																	
ST043	NA	MB523				R						R																	
ST048	1	MC621				R						R																	
	2	MC125				O						O	R											O					
ST049	NA	MC621				R						R	R																
ST050	NA	MB523				R																							
ST051	NA	MC521										R																	
ST052	NA	MB523																											
ST054	NA	MC521										R																	
ST055	NA	MC521				R																							
ST056	NA	MB523				R	R					R																	
ST061	1	MC321																											
	2	MC521				R						R																	
	3	MC1251/MC421				R						R																	
ST062	NA	MC521										R																	
ST063	NA	MC321																											
ST064	NA	MC521										R																	
ST065	NA	MC521																											
ST066	1	MC521				R																							
	2	MC321										R																	
ST067	NA	MB523										R																	
ST069	NA	MB523																											
ST069A	NA	MB523																						O					
ST070	NA	MC521				R																							
ST071	NA	MC521				R																							

Station	Section	Habitat	Phylum	Plantae	Porifera			Cnidaria							Annelida			Crustacea											
			Taxon	Rhodophyta	?Porifera	<i>Halictona oculata</i>	Faunal turf (Hydrozoa/Bryozoa)	Ctenophora	<i>Halecium</i> sp.	<i>Hydractinia</i> sp.	<i>Nemertesia</i> sp.	<i>Tubularia</i>	Anthozoa	<i>Alcyonium digitatum</i>	Actiniaria	<i>Urticina</i> sp.	<i>Metridium</i> sp.	Sabellidae	Polychaeta	<i>Lanice conchilega</i>	Sessilia	Caridea	Galatheoidea	Brachyura	<i>Atelecyclus rotundatus</i>	<i>Cancer pagurus</i>	<i>Ebalia</i> sp.	Inachidae	<i>Liocarcinus</i> sp.
			SACFOR Growth Form/ Size Class [cm]	Massive/Turf	Massive/Turf	Crust/Meadow	Massive/Turf	1-3	Massive/Turf	Massive/Turf	3-15	Massive/Turf	1-3	Massive/Turf	1-3	3-15	3-15	3-15	1-3	1-3	Crust/Meadow	1-3	3-15	3-15	3-15	>15	1-3	1-3	3-15
ST072	NA	MC521					R																						
ST077	NA	MC521																											
ST078	1	MC521					R						O		O								O						
	2	MC321					O						R	R															
ST079	NA	MC521																											
ST080	NA	MC321					R						R																
ST081	NA	MC321					R						R										O						
ST082	NA	MC521					R																						
ST083	NA	MC521																											
ST084	NA	MC521					R						R																
ST085	NA	MB523																											
ST087	NA	MB523					R																						
ST088	NA	MC521					R																						
ST089	NA	MC521					R																						
ST090	NA	MC521					R																O						
ST093	NA	MC321					R						R													F			
ST094	NA	MC321					R						R	R															
ST095	NA	MC521											R																
ST096	NA	MC521											R																
ST097	1	MC521					O						O													F			
	2	MC321																											
ST098	NA	MC521																					R						
ST099	NA	MC321																											
ST100	NA	MC521																											
ST101	NA	MB523					R																O						
ST103	NA	MC521					R																						
ST104	NA	MC521					R																						
ST105	NA	MC521					R																						
ST106	1	MC521					R						R													F			
	2	MC321											R																
ST107	NA	MC321					R							R															
ST108	NA	MC521																											
ST109	NA	MC521					R																						
ST110	NA	MC521																								F			
ST111	NA	MC521																											
ST112	NA	MC521																					O						
ST113	NA	MB523					R																						
ST115	NA	MB523					R																						
ST116	1	MC321					R						R																
	2	MC521					R																O					O	
ST117	1	MC421											R																
	2	MC521											R																
	3	MC521					R						R	R									R	O					

Station	Section	Habitat	Phylum																									
			Plantae	Porifera		Cnidaria								Annelida			Crustacea											
			Taxon	Rhodophyta	?Porifera	<i>Haliclona oculata</i>	Faunal turf (Hydrozoa/Bryozoa)	Ctenophora	<i>Halecium</i> sp.	<i>Hydractinia</i> sp.	<i>Nemertesia</i> sp.	<i>Tubularia</i>	Anthozoa	<i>Alcyonium digitatum</i>	Actinaria	<i>Urticina</i> sp.	<i>Metridium</i> sp.	Sabellidae	Polychaeta	<i>Lanice conchilega</i>	Sessilia	Caridea	Galatheoidea	Brachyura	<i>Atelecyclus rotundatus</i>	<i>Cancer pagurus</i>	<i>Ebalia</i> sp.	Inachidae
SACFOR Growth Form/ Size Class [cm]	Massive/Turf	Massive/Turf	Crust/Meadow	Massive/Turf	1-3	Massive/Turf	Massive/Turf	3-15	Massive/Turf	1-3	Massive/Turf	1-3	3-15	3-15	3-15	1-3	1-3	Crust/Meadow	1-3	3-15	3-15	3-15	3-15	>15	1-3	1-3	3-15	
ST118	NA	MC521					R												R									
ST119	NA	MC521																										
ST120	1	MC521											R															
	2	MC321											R															
ST121	NA	MC521																					R					
ST122	NA	MC521					R						R															
ST123	1	MC521					R																					
	2	MC321					R						R							R								
ST124	1	MC1251/MC421					R						R															
	2	MC421					R						F	R														
	3	MC125											R															
	4	MC421											F	O														
	5	MC421											R															
ST125	NA	MC421										R			O	R			R									O
ST126	NA	MC521																										O
ST128	NA	MC521											R												R			O
ST129	NA	MC521																										R
ST130	NA	MC521					R																					
ST132	NA	MB523																										
ST132A	NA	MB523																										
ST132B	NA	MB523																										O
ST139	NA	MC621					R						R															
ST161	NA	MD521					R						O															O
ST166	NA	MC321					C	R	R				O	R														R
ST167	1	MC321					F						R															
	2	MC321					R																					O
ST181	1	MC621					O																					
	2	MC1251/MC421		R	R		C	R	R				O															R
ST182	NA	MD521																										O
ST183	NA	MD321					O						R															R
ST184	NA	MD521					R						R															R
ST185	NA	MD321					R																					
ST186	NA	MD521					R																					
ST187	NA	MC521																										O
ST188	NA	MB523					R																					
ST189	NA	MC521																										
ST190	NA	MC521					R																					
ST190	NA	MC521																										O
ST200	NA	MC521																										O
ST201	NA	MC521																										O

Station	Section	Habitat	Phylum																								
			Crustacea					Mollusca				Bryozoa				Echinodermata											
			Taxon	Majoidea	<i>Necora puber</i>	Paguridae	<i>Pagurus bernhardus</i>	<i>Homarus gammarus</i>	Vetigastropoda	Buccinidae	Pectenidae	Imparidentia	<i>Alcyonium diaphanum</i>	Bugulidae	Flustridae	Horneridae	Brissidina	Ophiuroidea	<i>Ophiura</i> sp.	<i>Ophiothrix fragilis</i>	Asteroidea	<i>Asterias rubens</i>	<i>Asterina gibbosa</i>	<i>Astropecten irregularis</i>	<i>Crossaster papposus</i>	<i>Henricia</i> sp.	<i>Luidia sarsi</i>
SACFOR Growth Form/ Size Class [cm]	3-15	3-15	3-15	3-15	>15	1-3	3-15	3-15	3-15	3-15	Massive/Turf	Massive/Turf	Massive/Turf	3-15	3-15	3-15	3-15	3-15	3-15	3-15	3-15	3-15	3-15	3-15	3-15		
ST118	NA	MC521																		O	O			F			
ST119	NA	MC521			O																O						
ST120	1	MC521																			O			O			
	2	MC321																					F				
ST121	NA	MC521			O															O	O			O			
ST122	NA	MC521			R																O			O			
ST123	1	MC521													O								F		F		
	2	MC321																					F				
ST124	1	MC1251/MC421									C												O		O		
	2	MC421																					O				
	3	MC125									C										O	O					
	4	MC421																									
	5	MC421				O																	O		O		
ST125	NA	MC421		R	O	R														R		O	O				
ST126	NA	MC521			O																O				O		
ST128	NA	MC521			O												O								F		
ST129	NA	MC521			R															O	O				F		
ST130	NA	MC521			O																						
ST132	NA	MB523																								O	
ST132A	NA	MB523																								O	
ST132B	NA	MB523																			O					O	
ST139	NA	MC621			O																	O	O				
ST161	NA	MD521																									
ST166	NA	MC321		O							O												R			F	
ST167	1	MC321		O																							O
	2	MC321																									
ST181	1	MC621																									
	2	MC1251/MC421		O																							
ST182	NA	MD521																									F
ST183	NA	MD321							R																	O	O
ST184	NA	MD521			O																						
ST185	NA	MD321																									
ST186	NA	MD521																									
ST187	NA	MC521			O																						
ST188	NA	MB523																									F
ST189	NA	MC521																									F
ST190	NA	MC521				O																					
ST200	NA	MC521																									O
ST201	NA	MC521			O																						O

Station	Section	Habitat	Phylum	Chordata								
			Taxon	Unidentified fish (Gnathostomata)	Pleuronectiformes	Soleidae	Gadidae	Ammodontidae	Triglidae	Callionymidae	<i>Pleuronectes platessa</i>	
			SACFOR Growth Form/ Size Class [cm]	3-15	>15	>15	>15	3-15	>15	3-15	>15	
ST001	1	MC1251/MC521			F							
ST003	NA	MC1251/MC521										
ST009	NA	MC621			F							
ST010	NA	MC621			F							
ST012	NA	MC321			F							
ST015	NA	MC321										
ST015A	NA	MC621										
ST016	NA	MC621										
ST023	NA	MB523										
ST024	NA	MB523										
ST030	NA	MB523										
ST031	NA	MB523							O			
ST032	NA	MB523			F				O			
ST038	NA	MB523										
ST041	NA	MB523										
ST042	NA	MC521										
ST043	NA	MB523			F	F					O	
ST048	1	MC621			F		F			F		
	2	MC125			F		F					
ST049	NA	MC621			F		F					
ST050	NA	MB523			F							
ST051	NA	MC521							O			
ST052	NA	MB523	R						R			
ST054	NA	MC521										
ST055	NA	MC521										
ST056	NA	MB523			F	F						
ST061	1	MC321										
	2	MC521	O		F							
	3	MC1251/MC421										
ST062	NA	MC521	O		F							
ST063	NA	MC321							O			
ST064	NA	MC521	O		F		F		O			
ST065	NA	MC521	O		O				C			
ST066	1	MC521			F				O			
	2	MC321										
ST067	NA	MB523			F				F			
ST069	NA	MB523			F							
ST069A	NA	MB523							O			
ST070	NA	MC521										
ST071	NA	MC521										
ST072	NA	MC521			F							
ST077	NA	MC521							O			

Station	Section	Habitat	Phylum	Chordata								
			Taxon	Unidentified fish (Gnathostomata)	Pleuronectiformes	Soleidae	Gadidae	Ammodontidae	Triglidae	Callionymidae	<i>Pleuronectes platessa</i>	
			SACFOR Growth Form/ Size Class [cm]	3-15	>15	>15	>15	3-15	>15	3-15	>15	
ST078	1	MC521										F
	2	MC321										
ST079	NA	MC521							O			
ST080	NA	MC321										
ST081	NA	MC321									O	
ST082	NA	MC521	O		F				O			
ST083	NA	MC521	O									
ST084	NA	MC521										
ST085	NA	MB523	O						F			
ST087	NA	MB523					F					
ST088	NA	MC521					F					
ST089	NA	MC521										
ST090	NA	MC521			F							F
ST093	NA	MC321	O									
ST094	NA	MC321			F						O	
ST095	NA	MC521										
ST096	NA	MC521	O									
ST097	1	MC521										
	2	MC321										
ST098	NA	MC521			O				R			O
ST099	NA	MC321	O		F				F			
ST100	NA	MC521									O	
ST101	NA	MB523										
ST103	NA	MC521										
ST104	NA	MC521										
ST105	NA	MC521									O	
ST106	1	MC521							F			
	2	MC321							F			
ST107	NA	MC321										
ST108	NA	MC521										
ST109	NA	MC521										
ST110	NA	MC521			F				F			
ST111	NA	MC521										
ST112	NA	MC521										
ST113	NA	MB523									O	
ST115	NA	MB523										
ST116	1	MC321										
	2	MC521			F						O	
ST117	1	MC421										
	2	MC521										
	3	MC521	O		F						O	

Phylum			Chordata							
Station	Section	Habitat	Unidentified fish (Gnathostomata)	Pleuronectiformes	Soleidae	Gadidae	Ammodytidae	Triglidae	Callionymidae	<i>Pleuronectes platessa</i>
SACFOR* Growth Form/ Size Class [cm]			3-15	>15	>15	>15	3-15	>15	3-15	>15
ST118	NA	MC521	O	F			C			
ST119	NA	MC521		F						
ST120	1	MC521								
	2	MC321								
ST121	NA	MC521					O			
ST122	NA	MC521								
ST123	1	MC521								F
	2	MC321								
ST124	1	MC1251/MC421								
	2	MC421		F						
	3	MC125	O	C						
	4	MC421				F				
	5	MC421								
ST125	NA	MC421	O	F						O
ST126	NA	MC521	O	F				F		
ST128	NA	MC521	O	F			O			
ST129	NA	MC521	R	O	F	F				
ST130	NA	MC521								
ST132	NA	MB523					O			
ST132A	NA	MB523					F			
ST132B	NA	MB523					O			
ST139	NA	MC621		F	F					
ST161	NA	MD521	O							O
ST166	NA	MC321				F				
ST167	1	MC321	O							
	2	MC321	O							
ST181	1	MC621	O							
	2	MC1251/MC421	O							
ST182	NA	MD521								
ST183	NA	MD321		F		F				
ST184	NA	MD521		F						
ST185	NA	MD321	O	F		F				
ST186	NA	MD521	O	F						
ST187	NA	MC521								
ST188	NA	MB523								
ST189	NA	MC521	O	F						
ST190	NA	MC521	O	F	F					
ST200	NA	MC521	O							
ST201	NA	MC521	F	F						

Phylum			Chordata							
Station	Section	Habitat	Unidentified fish (Gnathostomata)	Pleuronectiformes	Soleidae	Gadidae	Ammodytidae	Triglidae	Callionymidae	<i>Pleuronectes platessa</i>
SACFOR Growth Form/ Size Class [cm]			3-15	>15	>15	>15	3-15	>15	3-15	>15
ST202	1	MC321								
	2	MC521								
	3	MC321								
	4	MC521								
ST203	1	MC521								
	2	MC321		F						
ST204	NA	MC521								
ST205	1	MC521	O							
	2	MC321		F						
	3	MC521								

Notes:
 SACFOR = Superabundant, abundant, common, frequent, occasional and rare (JNCC, 1996)
 MB523 = Faunal communities of full salinity Atlantic infralittoral sand
 MC1251 = Piddocks with a sparse associated fauna in Atlantic circalittoral very soft chalk or clay
 MC321 = Faunal communities of Atlantic circalittoral coarse sediment
 MC421 = Faunal communities of Atlantic circalittoral mixed sediment
 MC521 = Faunal communities of Atlantic circalittoral sand
 MC621 = Faunal communities of Atlantic circalittoral mud
 MD321 = Faunal communities in Atlantic offshore circalittoral coarse sediment
 MD521 = Faunal communities in Atlantic offshore circalittoral sand

Key	SACFOR Abundance Scale					
	Superabundant	Abundant	Common	Frequent	Occasional	Rare