AQUIND Limited

AQUIND INTERCONNECTOR

Environmental Statement – Volume 3 – Appendix 8.1 Bethnic Ecology Survey Report

The Planning Act 2008

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The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017

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1.1 INTRODUCTION

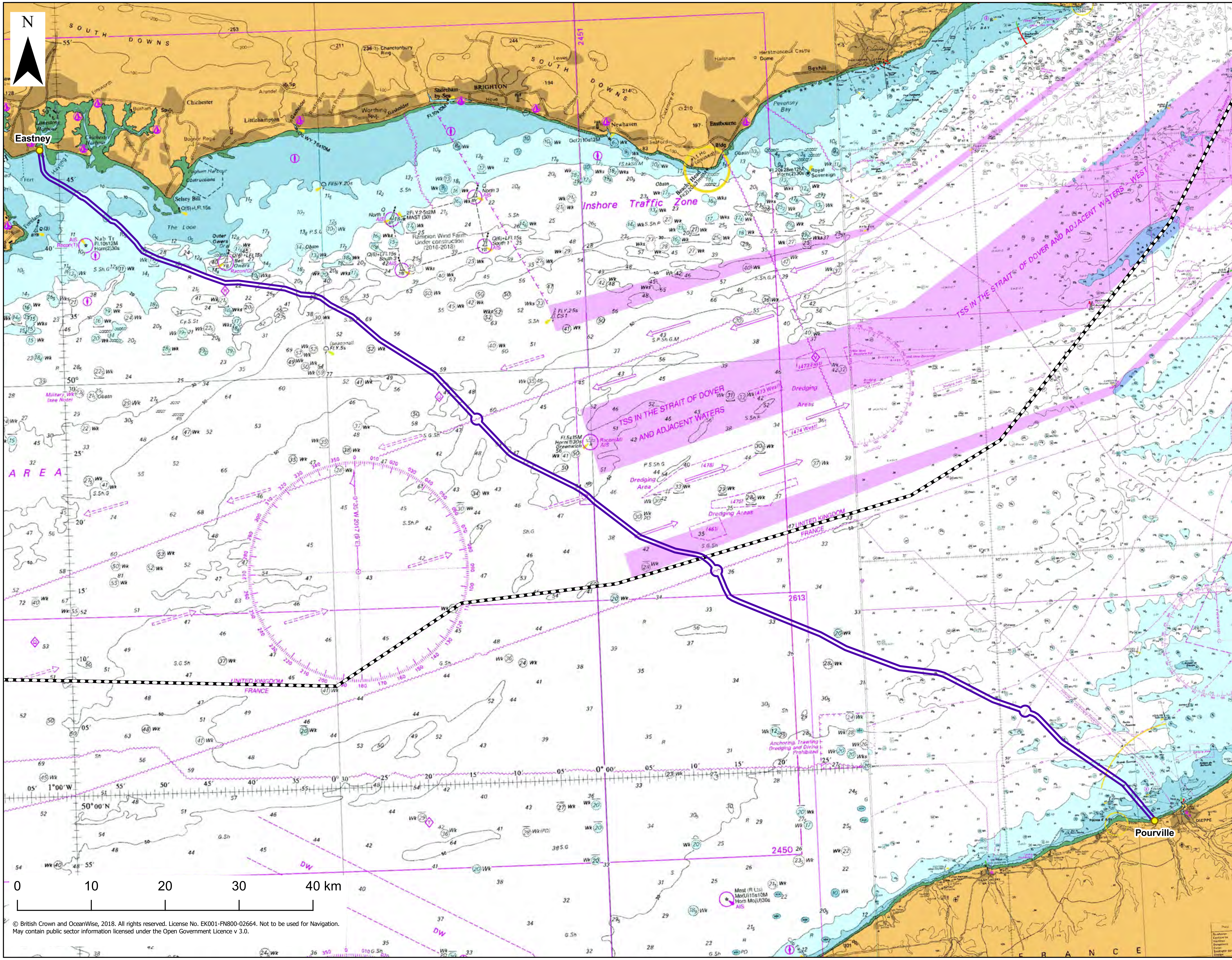
1.1.1. The AQUIND Interconnector Project is a High Voltage Direct Current ('HVDC') power cable transmission link between the UK (Eastney, Portsmouth) and France (Pourville, Normandy).

1.1.2. The Proposed Development under assessment within Chapter 8 (Intertidal and Benthic Habitats) of the ES Volume 1 (document reference 6.1.8) is considered to be only the Landfall and Marine Cable Corridor of the Project within the UK Marine Area. The areas relevant to this baseline report include the Entire Marine Cable Corridor within both UK and French waters (Figure 1).

1.1.3. The Project will consist of four 320 kV HVDC marine cables which will be installed for the majority of the cable route as two bundled pairs. Each pair will facilitate the transfer of 1000 MW, resulting in a total nominal power transfer capacity of 2000 MW. In addition to the four HVDC marine cables, two fibre optic data transmission cables, each 35-45 mm in diameter will be laid together with the marine cables within a shared trench (one per monopole pair).

AIMS OF THIS STUDY

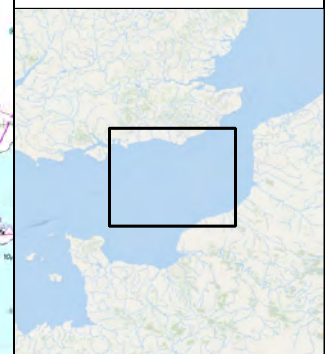
1.1.4. The aims of this study are to characterise the benthic habitats in the vicinity of the Entire Marine Cable Corridor.



AQUIND Interconnector

- Landfall location
- Marine Cable Corridor*
- Exclusive Economic Zone (EEZ) boundary

*as surveyed during geophysical survey campaign



The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017.

REV	DATE	BY	DESCRIPTION	CHK	APP
03	02/11/2018	GR	THIRD ISSUE TO INCLUDE COMMENTS PRIOR TO EXAMINATION	SM	JL
02	07/06/2018	FM	SECOND ISSUE TO INCLUDE COMMENTS PRIOR TO EXAMINATION	SL	SL
01	07/06/2018	FM	FIRST DRAFT	SL	SL

DRAWING STATUS: FINAL

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Tel: +44 (0)1644 430008 www.naturalpower.com

CLIENT: AQUIND

PROJECT: AQUIND Interconnector

TITLE: Figure 1 Entire Marine Cable Corridor

SCALE AT A3: 1:450,000	CHECKED: SM	APPROVED: JL
PROJECT NO: GB201394	DESIGNED: GR / DRAWN: GR	DATE: 02/11/2018
DRAWING NO: ES - APPENDIX - 8.1 - 1		REV.NO. 03

1.2 METHODOLOGY

1.2.1. In order to characterise the benthic area affected by the Project, subtidal surveys (benthic grab and Drop Down Video ('DDV')) were undertaken in the Channel within the benthic survey area, which was defined as 1 km either side of the Entire Marine Cable Corridor.

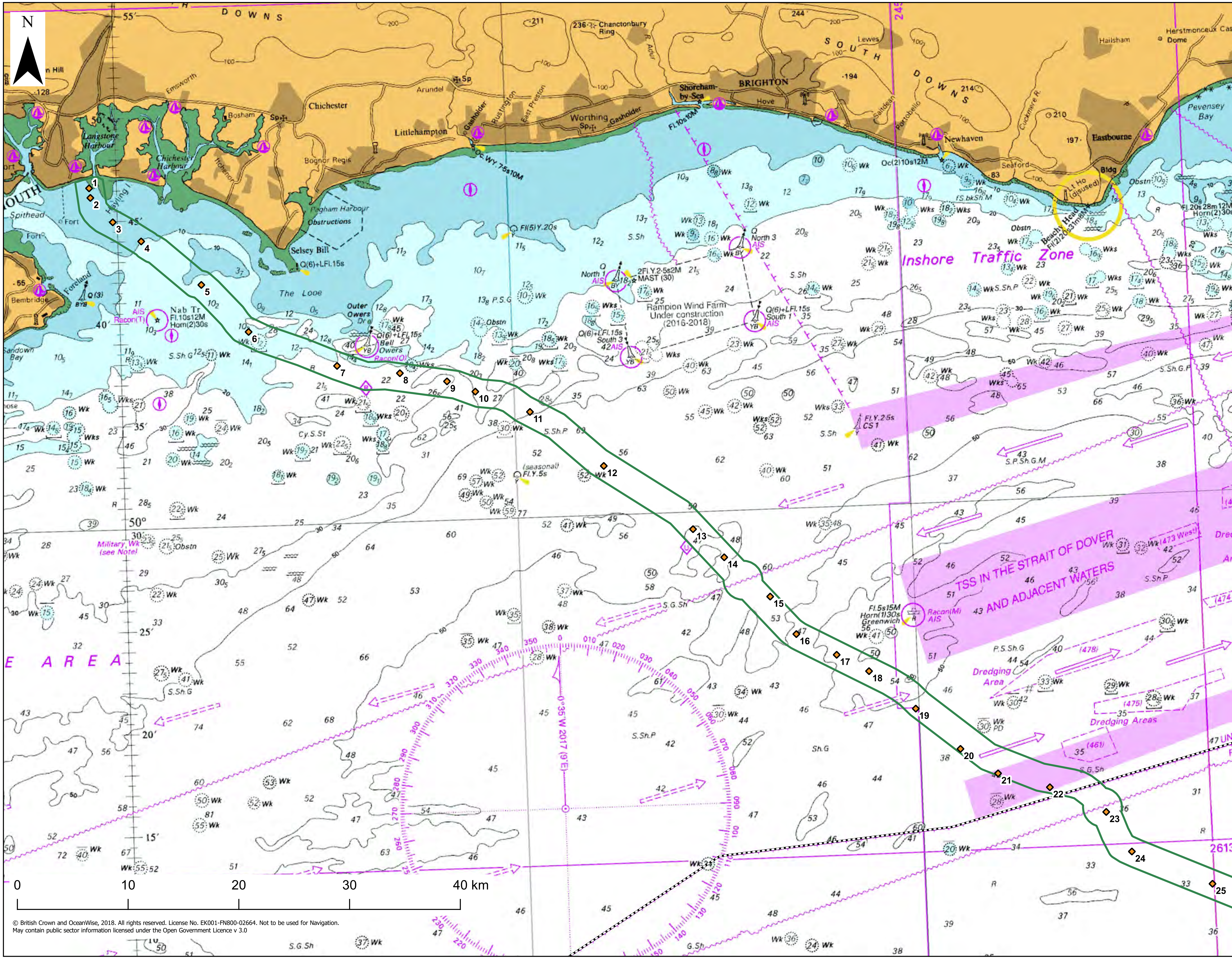
SELECTION OF SAMPLING STATIONS

1.2.2. Benthic sampling station selection was informed by reviewing pre-existing data in the form of literature reviews. Information was collated from a variety of sources including but not limited to the IFA2 Interconnector Environmental Statement ('ES') (IFA2 ES, 2016); broadscale marine habitats (EMODnet, 2016[1]); bathymetric data; and any available data collected for other marine activities such as protected area assessments (e.g. Marine Conservation Zones ('MCZ'), Special Areas of Conservation ('SAC')) and aggregate extraction (EMU Limited, 2012; EMU Limited, 2008a; EMU Limited, 2008b). The survey was stratified so that sampling stations were placed in representative habitats of both English and French coastal environments as well as the marine habitats of the English Channel. Sampling stations were focussed on potentially sensitive or protected habitats, such as potential Annex I habitats (e.g. sandbanks or reef), or designated sites.

BENTHIC SURVEY AREA

1.2.3. In total, 35 sampling stations were targeted within the benthic survey area spanning UK and French waters (Figure 2 and Figure 3). An additional seven sampling stations were targeted along an alternative route for Landfall in French waters, however this route is now not being progressed.

[1] http://www.emodnet-seabedhabitats.eu/access-data/launch-map-viewer/



AQUIND Interconnector
- Exclusive Economic Zone (EEZ) boundary
- Benthic survey area
- Benthic sampling station

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REV	DATE	BY	DESCRIPTION	CHK	APP
01	02/11/2018	GR	FIRST DRAFT	SM	JL

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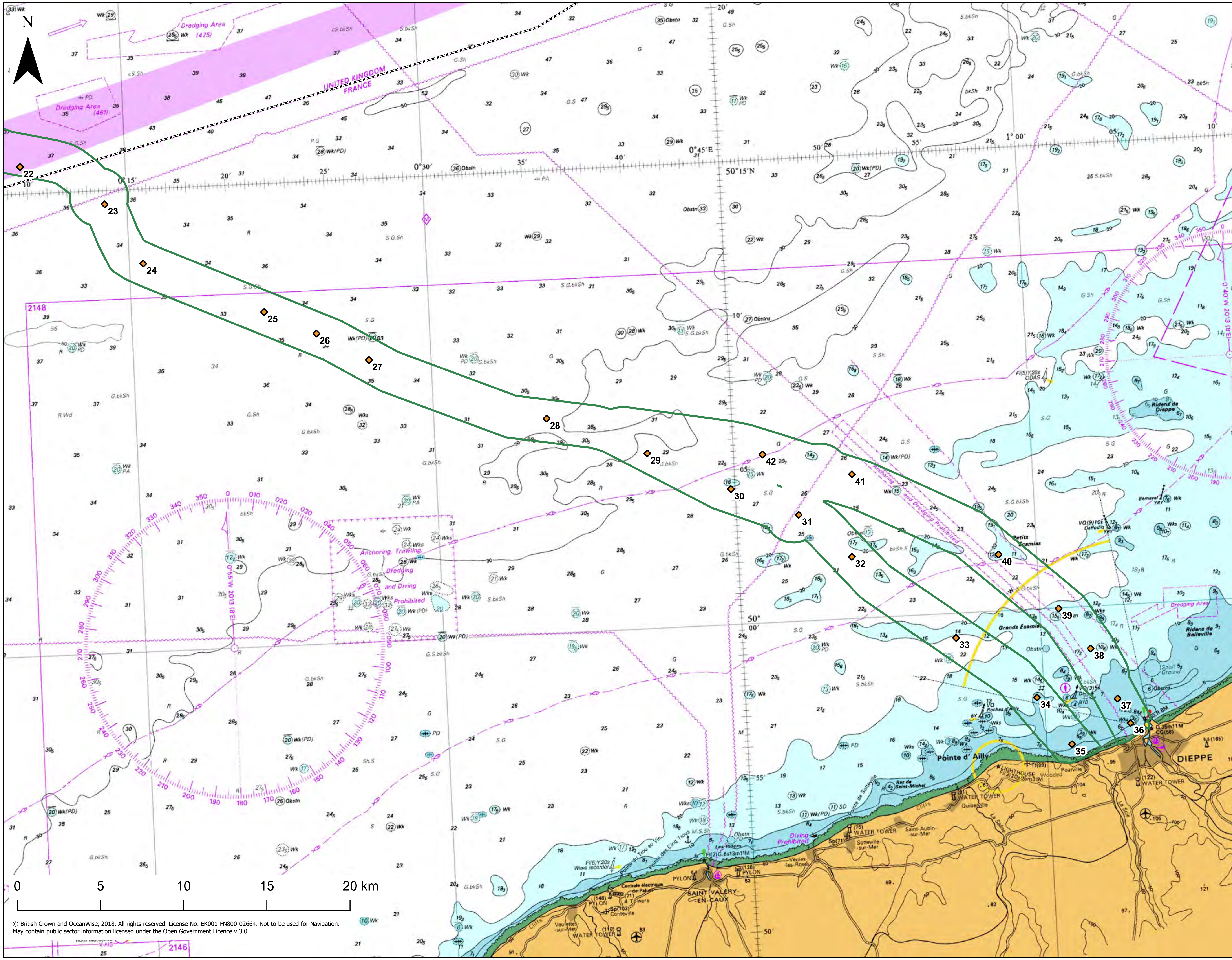
CLIENT: AQUIND

PROJECT: AQUIND Interconnector

TITLE: Figure 2: Benthic Sampling Stations in UK Waters

SCALE AT A3: 1:300,000	CHECKED: SM	APPROVED: JL
PROJECT NO: GB201394	DESIGNED: GR / DRAWN: GR	DATE: 02/11/2018

DRAWING NO: EN020022 - ES - APPENDIX - 8.1 - 2 | REV NO: 01



AQUIND Interconnector

- Exclusive Economic Zone (EEZ) boundary
- Benthic survey area
- Benthic sampling station

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017.

REV	DATE	BY	DESCRIPTION	CHK	APP
02	02/11/2018	GR	SECOND ISSUE TO INCLUDE COMMENTS PRIOR TO EXAMINATION	RH	SM
01	30/10/2018	GR	FIRST DRAFT	SM	JL

DRAWING STATUS: FINAL

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CLIENT: AQUIND

PROJECT: AQUIND Interconnector

TITLE: Figure 3: Benthic Sampling Stations in French Waters

SCALE AT A3: 1:200,000	CHECKED: RH		APPROVED: SM
PROJECT NO: GB201394	DESIGNED: GR	DRAWN: GR	DATE: 02/11/2018

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SURVEY METHODS

1.2.4. In line with Parry (2015), DDV image(s) were taken at each sampling station prior to the deployment of a 0.1 m^2 mini-Hamon for the collection of a single grab sample. The purpose of the video/stills analysis was to identify what epifauna and broadscale habitats exist, to provide semi-quantitative data on their physical and biological characteristics and to note where a change in substrate type exists. This also ensured that any sensitive habitats present (e.g. reef habitats) were not damaged by the grab.

1.2.5. All survey work was undertaken on board the FPV Morven (Figure 4) and Wessex Explorer (Figure 5).

Source: A-2-Sea Solutions Limited

Figure 4 - FPV Morven – Survey vessel used to undertake baseline benthic grab and DDV surveys

Source: Hayes Marine Ltd

Figure 5 - Wessex Explorer – Survey vessel used to undertake baseline benthic grab and DDV surveys

DROP DOWN VIDEO SURVEY (DDV)

1.2.6. The DDV methodology was consistent with the Procedural Guidelines (Davies *et al*., 2001) of the Joint Nature Conservation Committee's ('JNCC's') Marine Monitoring Handbook and the more current Epibiota Remote Monitoring from Digital Imagery: Operational Guidelines (Hitchin *et al.*, 2015). The camera system was a high definition video that records onto digital media in the housing but with a surface monitor and recorder for real-time viewing with the system overlaying Global Positioning System ('GPS') time and position on the surface recording (Figure 6). The video is capable of extracting high resolution stills and a laser pointer was fitted to provide a scale for the field of view.

1.2.7. A differentially corrected GPS ('dGPS') system was used for recording position of the vessel which has a published accuracy of 1 m or better accuracy with dGPS, 3 m or better accuracy with (Wide Area Augmentation System) ('WAAS').

1.2.8. The camera system was controlled by an experienced operator controlling the umbilical so that the system was responsive to the terrain and environment. In line with Hitchin *et al*. (2015) recommendations, short tows of 1-2 minutes were carried out across each sample station; if something of interest was seen during this time, the tow was extended by a further 2 minutes to allow better characterisation of the area.

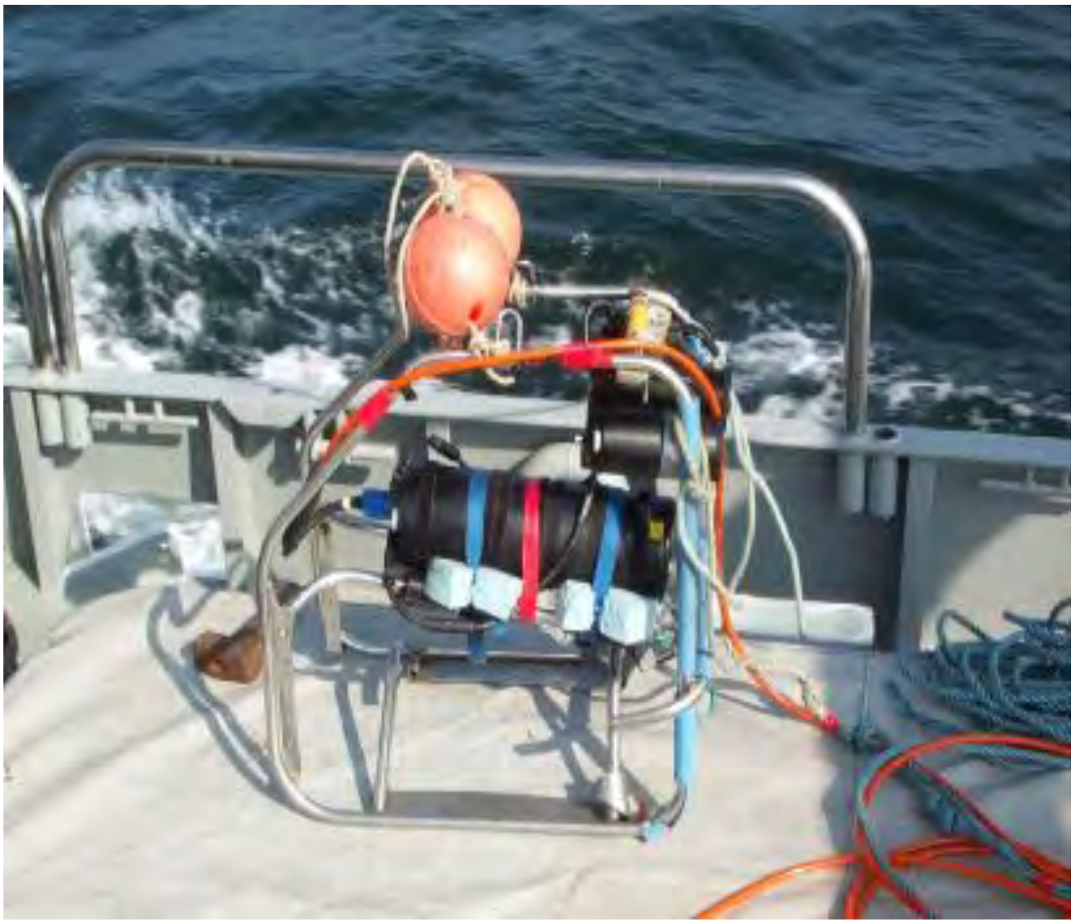


Figure 6 - Towed camera system with forward-looking HD video

BENTHIC GRAB SURVEY

1.2.9. Benthic grab sampling was undertaken in line with Section 3.9 of the JNCC Marine Monitoring Handbook (Thomas, 2001) and Cefas guidelines (Judd, 2011).

1.2.10. Upon retrieval of the grab, the sample was assessed by the lead surveyor and if deemed acceptable, a photograph was taken and a sediment sub-sample (approximately 600 g) was taken for Particle Size Analysis ('PSA') and Total Organic Carbon ('TOC') analysis, with the remaining sediment screened on board through a 1 mm mesh sieve. All material retained by the sieve was fixed in a 4% solution of neutral (saline) buffered formalin and stored for subsequent laboratory analysis.

1.2.11. Up to three failed attempts per sampling station were allowed during operations, prior to station relocation or abandonment. Samples were deemed unacceptable if the sample represented less than half the total capacity, if the grab hadn't struck the seabed in a flat area resulting in an incomplete sample, and if the grab jaws were not fully closed or if the sample was taken from an unacceptable distance from the target location (outside 50 m).

1.2.12. At all sampling stations where a grab was deployed, the time and location (coordinates) were recorded as well as depth and prevailing weather conditions.

SAMPLE ANALYSIS

BENTHIC GRAB MACROFAUNAL ANALYSIS

1.2.13. Taxonomic identification of macrofaunal species was undertaken in accordance with National Marine Biological Analytical Quality Control ('NMBAQC') methodology standards. All biota was extracted and identified according to the NMBAQC Taxonomic Discrimination Protocol (TDP - Worsfold and Hall, 2010).

1.2.14. Samples were washed with tap water through sieves to remove the preserving agent, with different sized sieves used to aid in sorting. To further aid sorting and to avoid damage to specimens, light organic matter and fauna were floated off (or elutriated) and sorted separately. Heavier specimens were removed from the sediment using high-pressure water to blast them out of the sediment. The blasting procedure was repeated until no further biota was extracted. The larger retained contents were sorted in a white sorting tray, whilst the smaller fauna were sorted under a stereo-microscope. Fauna were identified to the lowest taxonomic level practicable using appropriate keys and references and enumerated. Species that were present as juveniles were differentiated from adults where possible and colonial organisms were recorded as present or absent. Broken or damaged specimens that may not be fully identified were described as 'Taxa Indet.' (indeterminate) and juvenile specimens not displaying adult characteristics necessary for identification to species were described as 'Taxa Juv.' Any groups not generally identified to species because of taxonomic or morphological reasons were recorded as Taxa sp. or Taxa spp. In line with NMBAQC procedures, a reference collection has been retained.

1.2.15. Biomass (wet weight) was obtained in accordance with the National Marine Monitoring Programme ('NMMP') Green Book (NMMP, 2005) for each of Polychaeta, Crustacea, Echinodermata, Mollusca, and Others to the nearest 0.0001 g and calculated from all fragments and portions of countable taxa.

PSA AND TOC

1.2.16. PSA and TOC analysis on the sediment samples was undertaken using a combination of sieving and laser diffraction (as per the NMBAQC methodology – Mason, 2016). TOC was determined via the Loss on Ignition method using a muffle furnace at < 400 °C. The PSA was determined to 34 fractions, summarised to the 16 fractions common for habitat identification (Table 1).

Table 1 - Particle size fractions used for PSA

Sediment Description	Particle Size	Ternary classification
Clay	< 1.95 µm	Silt / clay
Very fine Silt	1.95 µm – 3.91 µm	
Fine Silt	3.91 µm – 7.81 µm	
Medium Silt	7.813 µm – 15.63 µm	
Coarse Silt	15.63 µm – 31.25 µm	
Very coarse silt	31.25 µm – 62.5 µm	
Very fine sand	62.5 µm – 125 µm	Sand
Fine sand	125 µm – 250 µm	
Medium sand	250 µm – 500 µm	
Coarse sand	500 µm – 1 mm	
Very coarse sand	1 mm – 2 mm	
Very fine gravel	2 mm – 4 mm	Gravel
Fine gravel	4 mm – 8 mm	
Medium gravel	8 mm – 16 mm	
Coarse gravel	16 mm – 32 mm	
Very coarse gravel	32 mm – 64 mm	

DATA ANALYSIS

DDV IMAGERY ANALYSIS

1.2.17. Video and still images were reviewed, processed and analysed in accordance with national guidelines; Turner *et al*. (2016), standards for analysis in Visual Seabed Surveys (BS EN 16260:2012), Coggan *et al*. (2007), White *et al*. (2007) and JNCC (for NMBAQC).

1.2.18. The video record was initially viewed rapidly in order to assess the video quality and segment it into sections representing different habitats. Each segment was treated as a separate record and viewed at normal speed to log start and end points and undertake more detailed analysis. Brief changes in substrate type lasting less than 5 m were considered as incidental patches and were recorded as part of the habitat description, or as a 'habitat mosaic'.

1.2.19. Video footage was then viewed at normal or slower than normal speed, noting the physical and biological characteristics, such as substrate type and percentage cover, seabed character, species and life forms along with any modifiers present. Still images were viewed at full screen to assess the substrate characteristics present and the coverage, and also to identify presence of modifiers.

1.2.20. In addition, the footage was examined to determine if the habitats found constituted potential Annex I reef (as defined under Annex I of the EU Habitats Directive CEC, 2007) and if so, the quality and extent of this reef. Where stony reefs were found this was assessed against a standard set of criteria (Irving, 2009) to provide information on the 'reefiness' characteristics of the station.

1.2.21. All taxa were identified to the lowest practicable taxonomic level using relevant taxonomic keys and photographic guides. Although stills provided higher definition images, the moving video image was complementary for identification, providing a greater appreciation of the three-dimensional structure of biota and context for the still image. If the identification of biota to species level was not certain (e.g. the image was unclear) then a higher taxonomic category was assigned, along with the reason for uncertainty.

1.2.22. For each taxon identified in the imaging, an actual abundance (where appropriate) and a semi-quantitative (SACFOR) measurement was made based on the MNCR SACFOR abundances scale[2] (JNCC, 2017). Abundance ratings were determined for each sampling station, as opposed to individual images. SACFOR abundance for each species or taxonomic group was determined by taking into account the total number of useable images for each sampling station and the area of seabed they represented (e.g. where three images are present, these cover a known area of seabed which was scaled up to provide densities or percentage cover per m^2). The analysts were provided with tools/prompts developed as part of NMBAQC ring test trials and also as recommended in the JNCC (for NMBAQC) guidance, such as percent cover tools and sediment size guides.

1.2.23. All data was entered on to a spreadsheet, with the latest species dictionary from Marine Recorder embedded to ensure consistency and automatic referencing to the World Register of Marine Species ('WoRMS') database. Image and video quality was recorded as per Turner *et al*. (2016).

[2] Super-abundant (S), abundant (A), common (C), frequent (F), occasional (O), rare (R) and present (P)

BENTHIC GRAB

1.2.24. All data collected from surveys, including up to date species nomenclature, abundance, and physical parameters such as PSA, and depth were collated in excel spreadsheets.

1.2.25. A suite of statistical analyses on the data collected from the grab survey work were undertaken using PRIMER (‘Plymouth Routines in Multivariate Ecological Research’) v6 (Clarke and Warwick, 2001) to aid characterisation of the area in assigning biotopes (and highlight any spatial patterns). Through initial data exploration, it was concluded that juveniles strongly biased results, likely due to the spread of survey dates across different seasons. Thus, juveniles were removed from the dataset prior to analyses.

UNIVARIATE STATISTICS

1.2.26. Using the DIVERSE function in PRIMER, the following species diversity indices were calculated for the benthic infaunal data series:

- Number of species (‘S’): the number of species present in a sample, with no indication of relative abundances;
- Number of individuals (‘N’): total number of individuals counted;
- Margalef’s Species Richness Index (‘d’): a measure of the number of species present for a given number of individuals. The higher the index, the greater the diversity;
- Pielou’s evenness (‘J’ ’): shows how evenly the individuals in a sample are distributed. J’ is a range of zero to one. The less variation in the samples, the higher J’ is;
- Shannon-Wiener index (‘$H'log_2$’): measures the uncertainty in predicting the identity of the next species withdrawn from a sample. The higher the index the greater the diversity; and
- Simpson’s indexes (‘1-λ’): a measure of the probability of choosing two individuals from a sample that are different species. D = 0 (minimum diversity), D = 1.0 (maximum diversity).

1.2.27. These univariate indices enable the reduction of large datasets into useful metrics which can be used to describe and compare community structures.

MULTIVARIATE STATISTICS

1.2.28. Due to the partially skewed nature of the data, and its varying abundances, a square root transformation was undertaken to normalise the data distribution, reducing dominant effects of highly abundant taxa.

1.2.29. A Bray-Curtis Similarity Matrix was produced from transformed data. Cluster Analysis Dendrograms were created to identify samples which group together based on species assemblages, and Multidimensional Scaling ('MDS') Plots were produced to examine the similarity between sampling stations. The similarity profile analysis ('Simprof') routine was used to determine statistically significant groups (i.e. samples that would naturally group as communities). SIMPER (similarity percentage) analysis was used to provide information on the main species driving the groupings, which would aid in determining community structure and biotopes.

PSA

1.2.30. Based on PSA results, each sampling station was assigned a Folk classification using the Folk ternary diagram provided in the JNCC guidance (Parry, 2015). The percentage composition of gravel, sand and mud was calculated for each sampling station.

BENTHIC BIOTOPE ASSIGNMENT

1.2.31. Grab survey work groupings identified through the Cluster, MDS and SIMPER analyses, in combination with PSA results and physical characteristics (such as water and sediment depth) were used to classify the grab sample station biotopes according to the Marine Habitat Classification (Connor *et al*., 2004). Classification was supported by use of JNCC comparative tables and guidance.

1.2.32. DDV samples were assigned habitat classifications based on species present according to the most current classification "The Marine Habitat Classification for Britain and Ireland Version 15.03" (http://jncc.gov.uk/marine/biotopes/hierarchy.aspx). Where appropriate, broadscale habitats, Features of Conservation Interest or Habitats Directive Annex I Habitat were also assigned to each sampling station and still image. Guidance notes provided by JNCC report 546 (Parry, 2015) were used to assist this process. A reference collection of species and biotopes was built to aid consistency and quality of analysis.

1.2.33. Infauna (grab) and epibenthic (DDV) biotope classifications were combined in order to classify the benthic habitat at each sampling station. These data were then overlaid onto the geophysical interpretation data to produce a biotope map of the benthic survey area.

1.2.34. Due to the transboundary nature of the Project, biotopes were matched with equivalent European Nature Information System ('EUNIS') codes; these are hierarchical pan-European habitat codes which help to identify and standardise biotopes (EUNIS, 2018).

INTEGRATION OF GEOPHYSICAL DATA

1.2.35. The geophysical data gathered for the Entire Marine Cable Corridor was combined with the benthic survey data using image processing and statistical analysis, to provide further information on the distribution and extent of marine habitats. This process uses the sample data to ground truth the geophysical data, as described by White et al., (2007). Some transformation, processing, and updating of the geophysical survey data sets was required prior to integration so that the data were in a suitable format for the mathematical analyses. However, this was minimal.

INTERPRETATION OF ENVIRONMENTAL SAMPLE DATA

1.2.36. The primary objective of analysis of the sample data was to derive a number of habitat classes based on all the available sample data that could be used as training sites for supervised classification of the geophysical data.

1.2.37. The translation of the outputs from this analysis to JNCC Habitat Classification was a secondary process and not undertaken for each sample separately. This was in line with the science-led strategy adopted by Cefas for characterisation (e.g. the East Coast Regional Ecological Characterisation project).

INTEGRATION OF SAMPLE AND GEOPHYSICAL DATA

1.2.38. The sampling stations were used as training sites to model the distribution of the actual biological habitat classes found in the benthic survey area. The training sites were superimposed on the geophysical data layers and used to extract values from each geophysical layer that were associated with each of the biological or sediment classes. These values were used to create a statistical 'signature' for each class.

1.2.39. Geophysical data was also interpreted for engineering design, and it was noted that the benthic habitat interpretation occasionally differed to this engineering focussed analysis. For example, benthic surveys could identify a sedimentary habitat where the engineering focussed geophysical interpretation identified the same location hard ground. As a result, sediment depth data was also examined in order to describe where sediment veneers were present as these are often not considered in an engineering focussed interpretation when they are not of a thickness to be a material consideration to the project design.

1.2.40. Sediment veneers are considered important habitats for benthic ecology and as such these are considered as a sedimentary habitat within this analysis, noting that the depth of sediment is a relevant factor in describing habitat characteristics.

GIS & MAP PRODUCTION

1.2.41. The benthic survey and geophysical interpretation data were incorporated into an ArcGIS worksheet to produce a multiple layered biotope map of the benthic survey area.

1.3 RESULTS

1.3.1. Benthic Grab and DDV surveys were carried out between July 2017-March 2018 (Table 2). Full field logs and sample photos are provided in Appendix A and Appendix B, respectively.

Table 2 - Field log summary

Date	Survey type	No. samples (still images, video and successful grab samples)	Location
24/07/17	DDV (still and video)	8	UK
25/07/17	DDV (still and video) and grab	20	UK
08/08/17	Grab	3	UK
25/09/17	DDV (still and video) and grab	13	UK
26/09/17	DDV (still and video) and grab	87	France
27/09/17	Grab	11	France
04/12/17	Grab	5	UK
05/12/17	DDV (still and video) and grab	41	UK
24/03/18	DDV (still and video)	69	UK and France
25/03/18	Grab	10	UK and France

VIDEO AND STILLS

1.3.2. In total 872 individuals across 65 faunal groups were identified across both still images and video footage. The most abundant taxa observed across the survey area was the polychaete, Serpulidae, which was present at 29 sampling stations. Serpulidae and queen scallops (*Aequipecten opercularis)* were also encountered at the highest number of sampling stations (Table 3).

Table 3 - Ten most abundant species / taxa recorded by DDV still image and video footage

Species / Taxa	Abundance	No. sampling stations found
Serpulidae	231	29
Aequipecten opercularis	127	23
U. faunal turf	58	11
Alcyonium digitatum	48	9
Ophiothrix	34	4
Asteroidea	33	11
Asterias rubens	24	10
Echinoidea	23	4
Flustridae	23	9
Paguridae	18	9

1.3.3. A reference collection of still images (or frame captures from video footage) has been compiled (Appendix B.2) to provide example images of the species/taxa observed. The collection includes 52 images of 49 taxa. It should be noted that in the reference collection, where only higher taxon have been assigned in the species identification because of either resolution, image quality, or species position which allows only a certain level of ID, then an example of that taxon has been provided e.g. Asteroidea. However, this taxon can cover a wide range of species, and it should not be considered as the only potential example. The DDV survey log is also available in Appendix A.2.

BENTHIC GRAB

1.3.4. There was a high rate of success during the grab survey, with only one sampling station (8) abandoned following three unsuccessful attempts on hard ground, and one sampling station (22) not sampled due to potential Annex I reef habitat. In total, 14 grab deployments failed to return an acceptable sample across all of the sampling stations. Detail regarding failed attempts can be found in the full field logs provided in Appendix A. Sample photos are also provided in Appendix B.

DIVERSITY

1.3.5. In total 3,845 individuals were found within the infaunal samples, across 338 faunal groups. The most abundant species across the survey area was the amphipod *Ampelisca diadema* which was present at 4 sampling stations. The second most abundant species was the keel worm *Spirobranchus*

(Pomatoceros) triqueter, which was present at 18 sampling stations (Table 4).

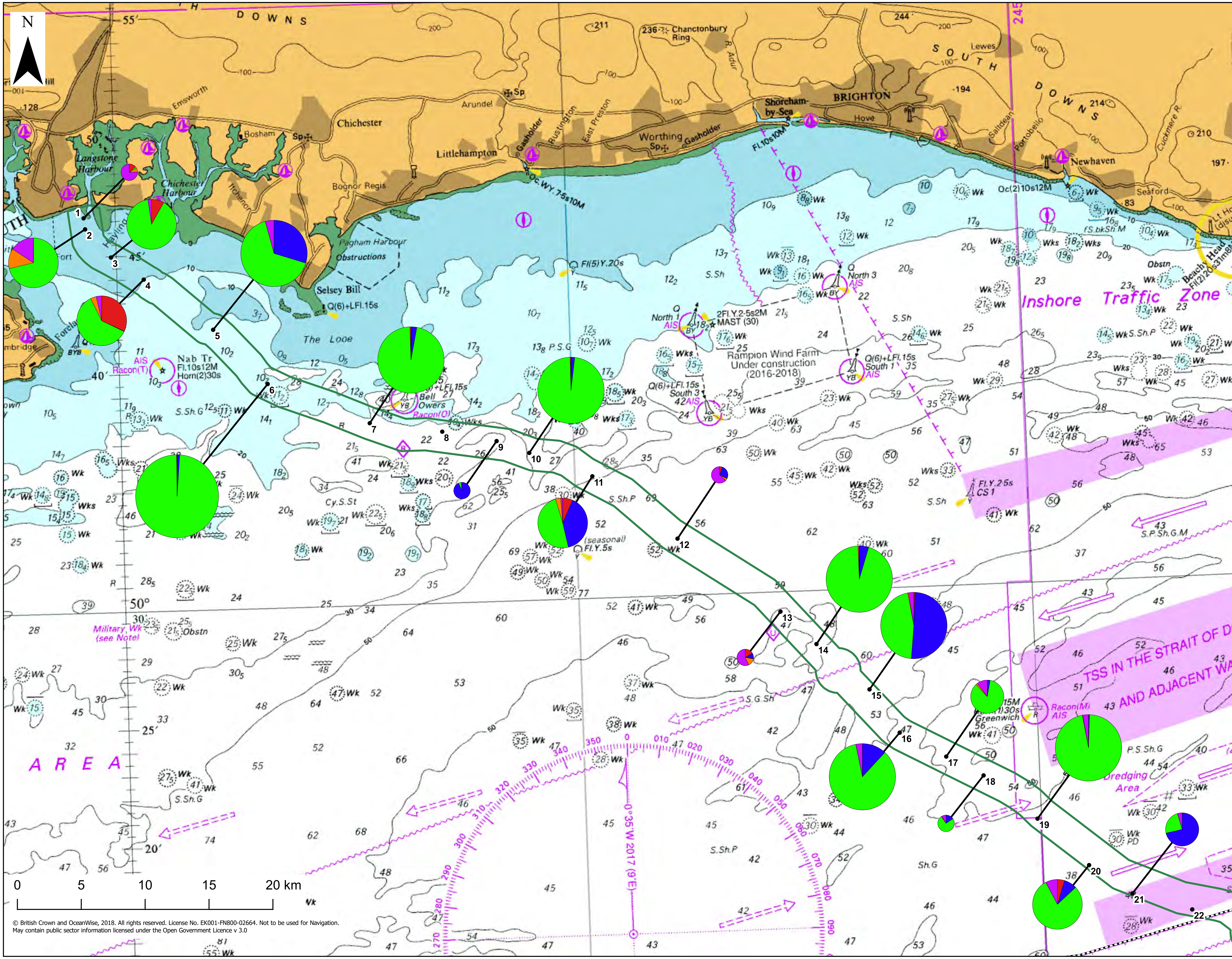
1.3.6. Sample station 4 had the highest abundance (N = 893) however lowest species evenness (J' = 0.19), with *Ampelisca diadema* representing 89% of individuals. The second highest abundance, recorded at sampling station 28 (N = 308), was considerably lower. The lowest abundance was recorded at station 2 (N = 4). Sample station 2 also had the lowest species richness (S = 3, d = 1.428) whereas station 28 had highest species richness (S = 92, d = 15.9).

Table 4 - Twenty most abundant species / taxa recorded during the baseline benthic grab survey

Species / Taxa	Abundance	No. sampling stations found
Ampelisca diadema	806	4
Spirobranchus triqueter	228	18
Apseudopsis latreillii	166	3
Rissoa parva	162	2
Echinocyamus pusillus	133	14
Amphipholis squamata	89	26
Dipolydora saintjosephi	70	5
Serpulidae	66	14
Syllis armillaris	64	14
Nematoda	59	18
Spirobranchus lamarcki	59	7
Notomastus	56	21
Nephasoma (Nephasoma) minutum	53	12
Sabellaria spinulosa	52	8
Glycera lapidum	45	24
Laonice bahusiensis	42	17
Lumbrineris cingulata	41	20
Othomaera othonis	38	12
Nemertea	35	21
Actiniaria	34	9

BIOMASS

1.3.7. Biomass was lowest at sample station 37 (0.03 g) and highest at sample station 6 (330.8 g) (Figure 7 and Figure 8, Appendix D). All sampling stations had more than one taxonomic group contributing to biomass. Across the entire survey area, the majority (87%) of biomass was accounted for by mollusca, followed by Echinodermata (8.1%). Annelida, crustacea and other taxa accounted for 5% overall biomass in the study region.



AQUIND Interconnector

- Exclusive Economic Zone (EEZ) boundary
- Benthic survey area

Benthic sampling station - biomass (g)

- Miscellaneous
- Echinoderma
- Mollusca
- Crustacea
- Annelida

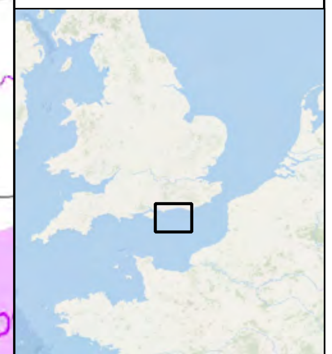
0.01 - 0.9

1 - 4.9

5 - 9.9

10 - 99.9

100 - 350



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TITLE: Figure 7: Benthic Sampling Station Infaunal Biomass Data

SCALE AT A3: 1:260,000	CHECKED: SM		APPROVED: RH
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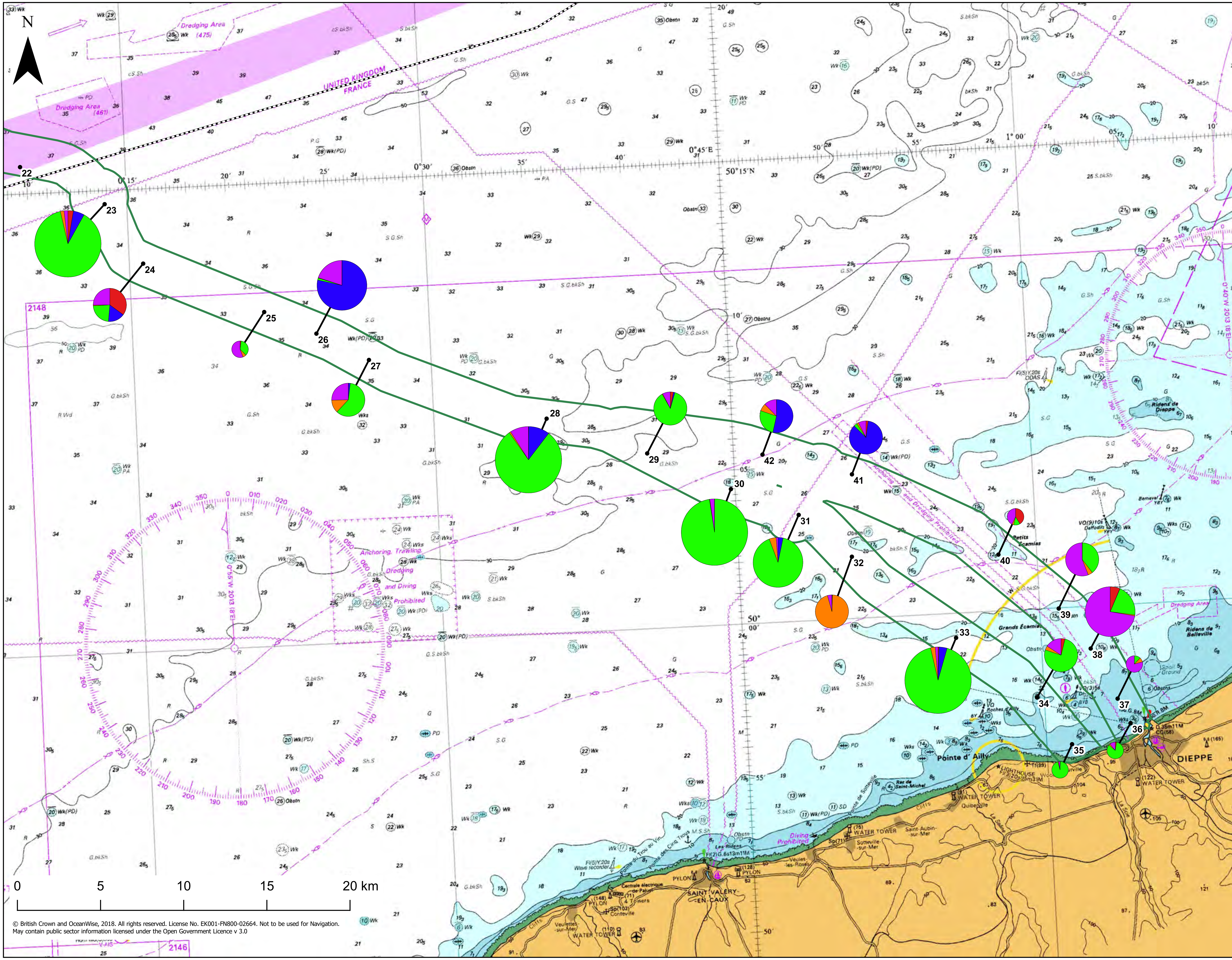


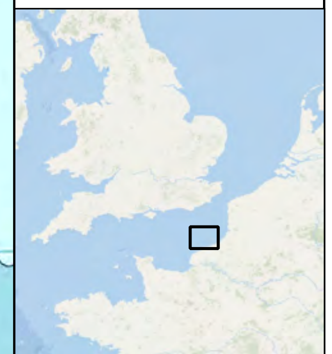
AQUIND Interconnector

- Exclusive Economic Zone (EEZ) boundary
- Benthic survey area

Benthic sampling station - biomass (g)

- Miscellaneous
- Echinoderma
- Mollusca
- Crustacea
- Annelida

- 0.01 - 0.9
- 1 - 4.9
- 5 - 9.9
- 10 - 99.9



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TITLE: Figure 8: Benthic Sampling Station Infaunal Biomass Data

SCALE AT A3: 1:200,000	CHECKED: SM		APPROVED: RH
PROJECT NO: GB201394	DESIGNED: GR	DRAWN: GR	DATE: 02/11/2018

DRAWING NO: EN020022 - ES - APPENDIX - 8.1 - 8

REV.NO: 01

PSA AND TOC

1.3.8. Composition of sediments across the entire survey area ranged from predominantly sandy gravel and muddy sandy gravel to finer muds and sands (Figure 9). In general, offshore sampling stations were dominated by coarser sediments. Inshore grounds typically comprised mixed sediments with the exception of a couple of stations (stations 2 and 35) near to the landfalls, which were characterised by finer sands (Figure 10 and Figure 11). One grab sample (station 3) comprised 60.4% mud, however the mud fraction did not exceed 18% at any other station, and only exceeded 10% at six sampling stations. Full PSA results are provided in Appendix D.

1.3.9. TOC values for all sampling stations fell between 0.2% (station 2) and 3.8% (station 31), with the majority of samples greater than 0.5% (Figure 9). Only 4 stations (31, 3, 30 and 41) had TOC values exceeding 2%.

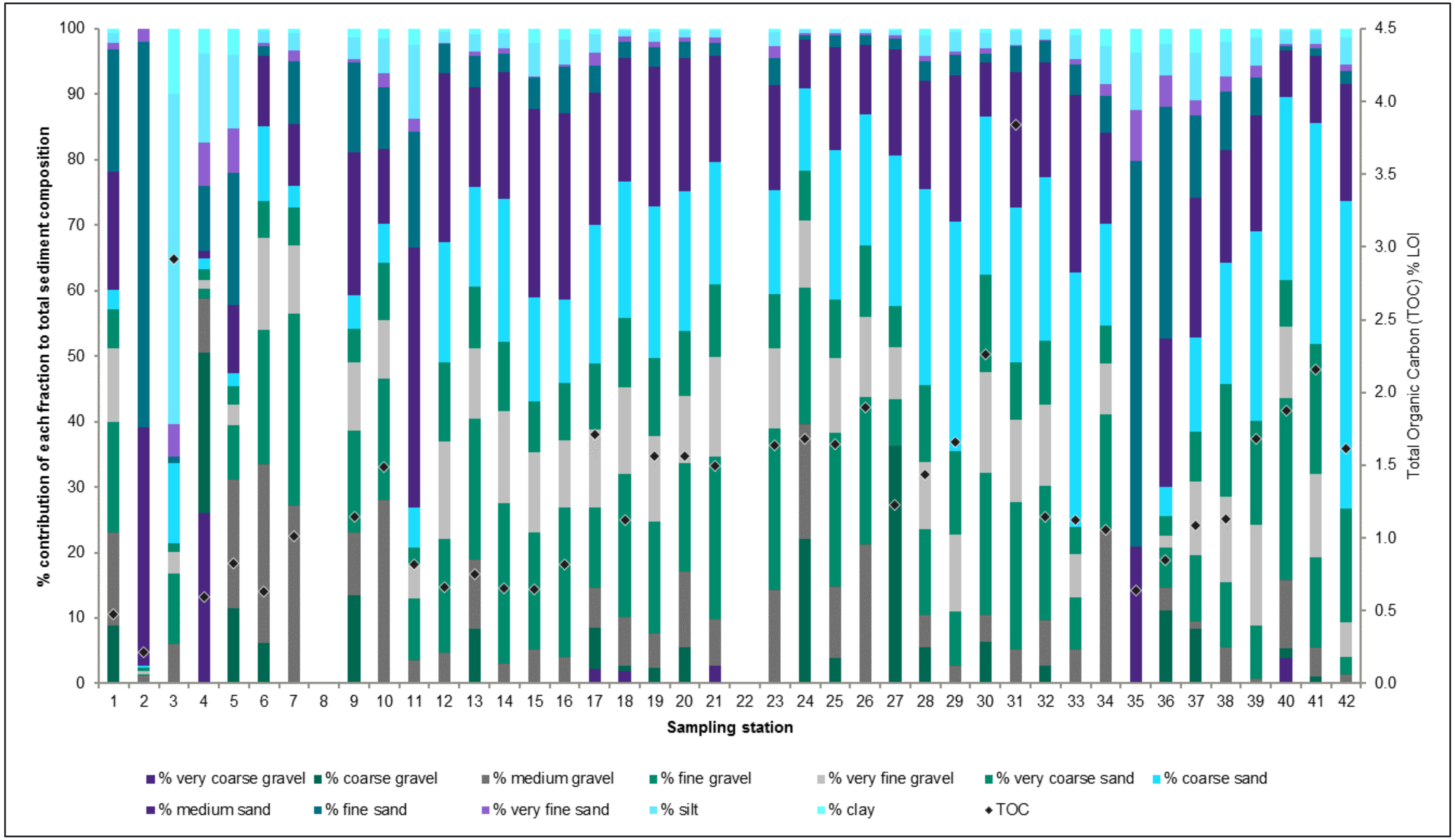
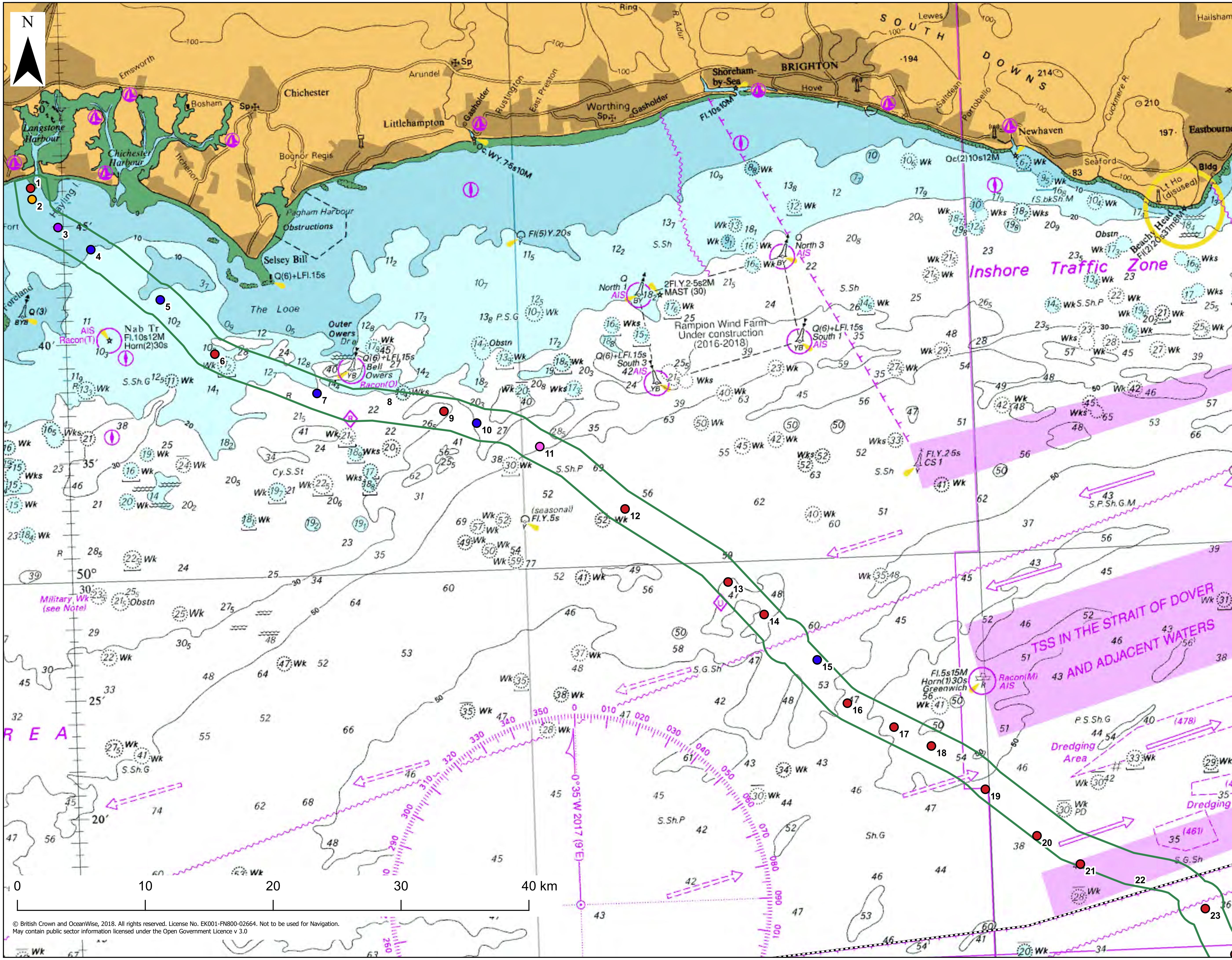


Figure 9 - Benthic baseline PSA results based on Folk Classification. No grabs returned from sampling stations 8 and 22

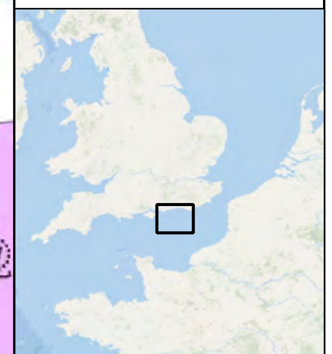


AQUIND Interconnector

- Exclusive Economic Zone (EEZ) boundary
- Benthic survey area

Benthic sampling station - PSA results: Folk classification

- Gravelly Mud
- Gravelly Muddy Sand
- Muddy Sandy Gravel
- Sandy Gravel
- Slightly Gravelly Sand



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CLIENT: AQUIND

PROJECT: AQUIND Interconnector

TITLE: Figure 10: PSA Results (Folk Classification) in UK Waters

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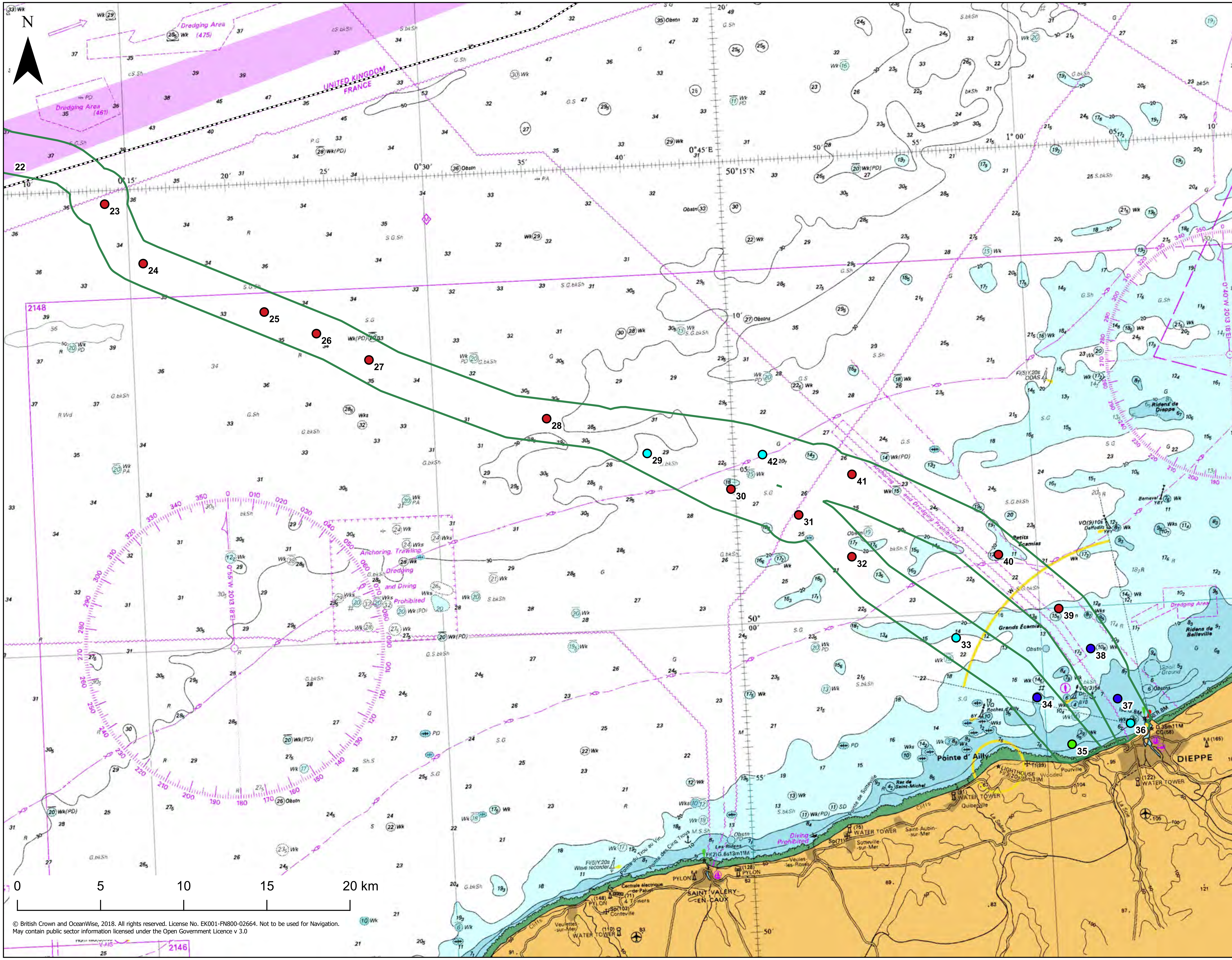
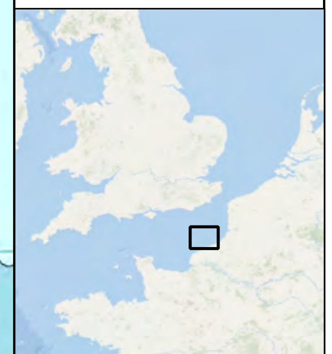


AQUIND Interconnector

- Exclusive Economic Zone (EEZ) boundary
- Benthic survey area

Benthic sampling station - PSA results: Folk classification

- Gravelly Sand
- Muddy Sand
- Muddy Sandy Gravel
- Sandy Gravel



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CLIENT: AQUIND

PROJECT: AQUIND Interconnector

TITLE: Figure 11: PSA Results (Folk Classification) in French Waters

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COMMUNITY ANALYSIS

1.3.10. Cluster analysis with Simprof identified 13 clusters (Figure 12). The MDS ordination plot (Figure 13) stress values ranged between 0.22 and 0.25, showing a fairly good representation of the scatter of samples. Simprof group G had the highest average similarity of 49.14, highlighted by distinct clustering in Figure 13. Samples belonging to group G were all from offshore stations towards the centre of the benthic survey area (Figure 14 and Figure 15) and were characterised by coarse sands and fine gravel sediments.

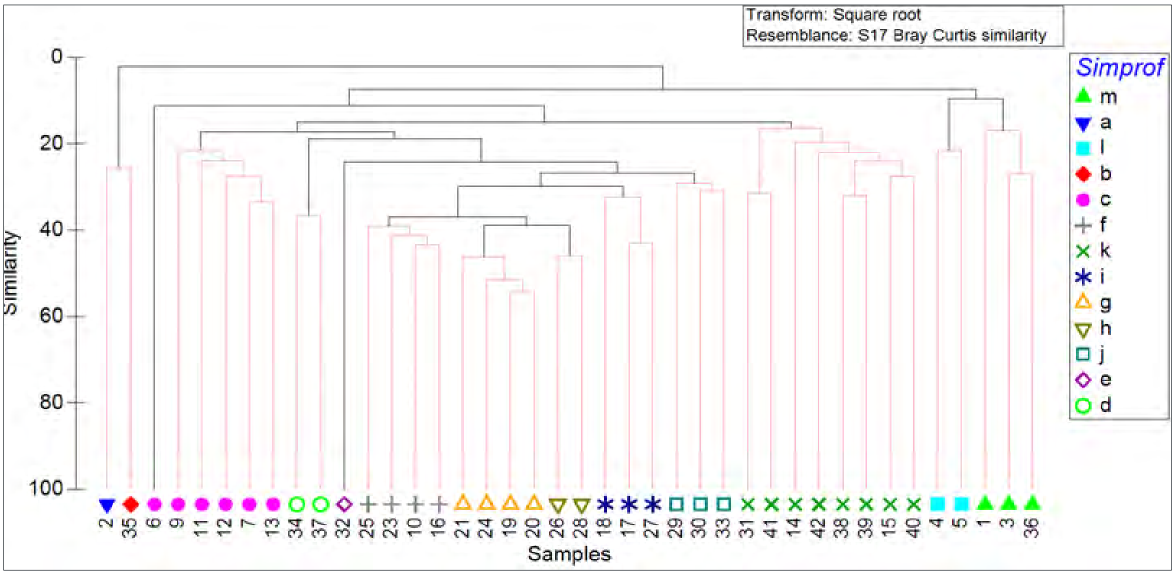


Figure 12 - Bray-Curtis cluster analysis dendrogram of infauna sampled in benthic grabs

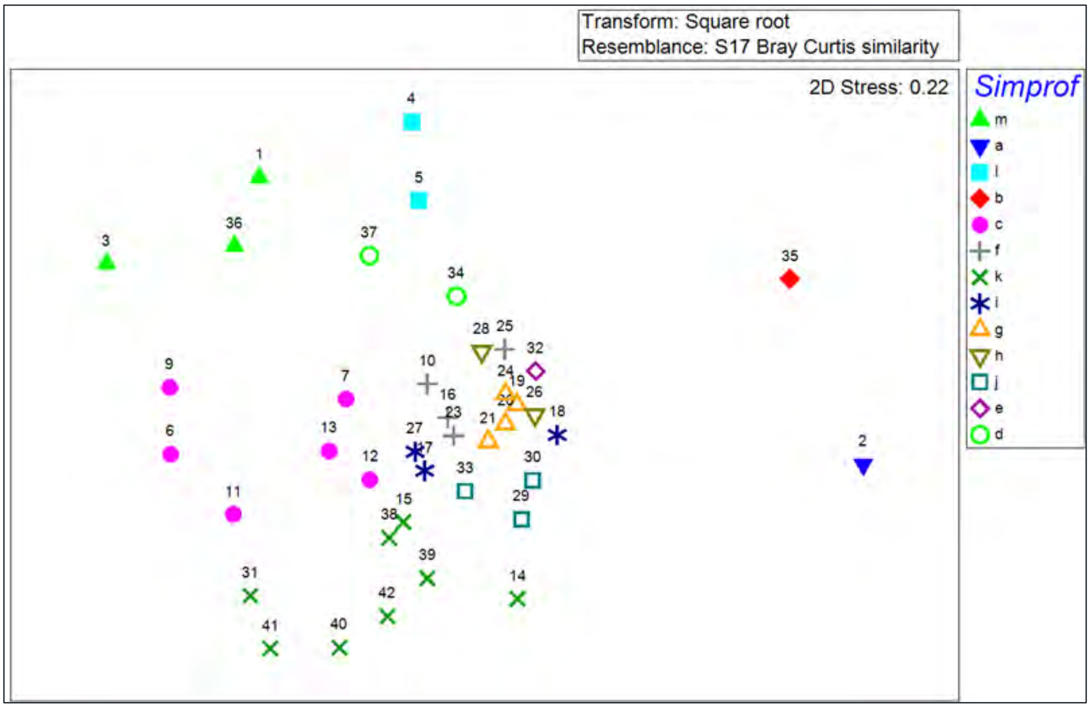
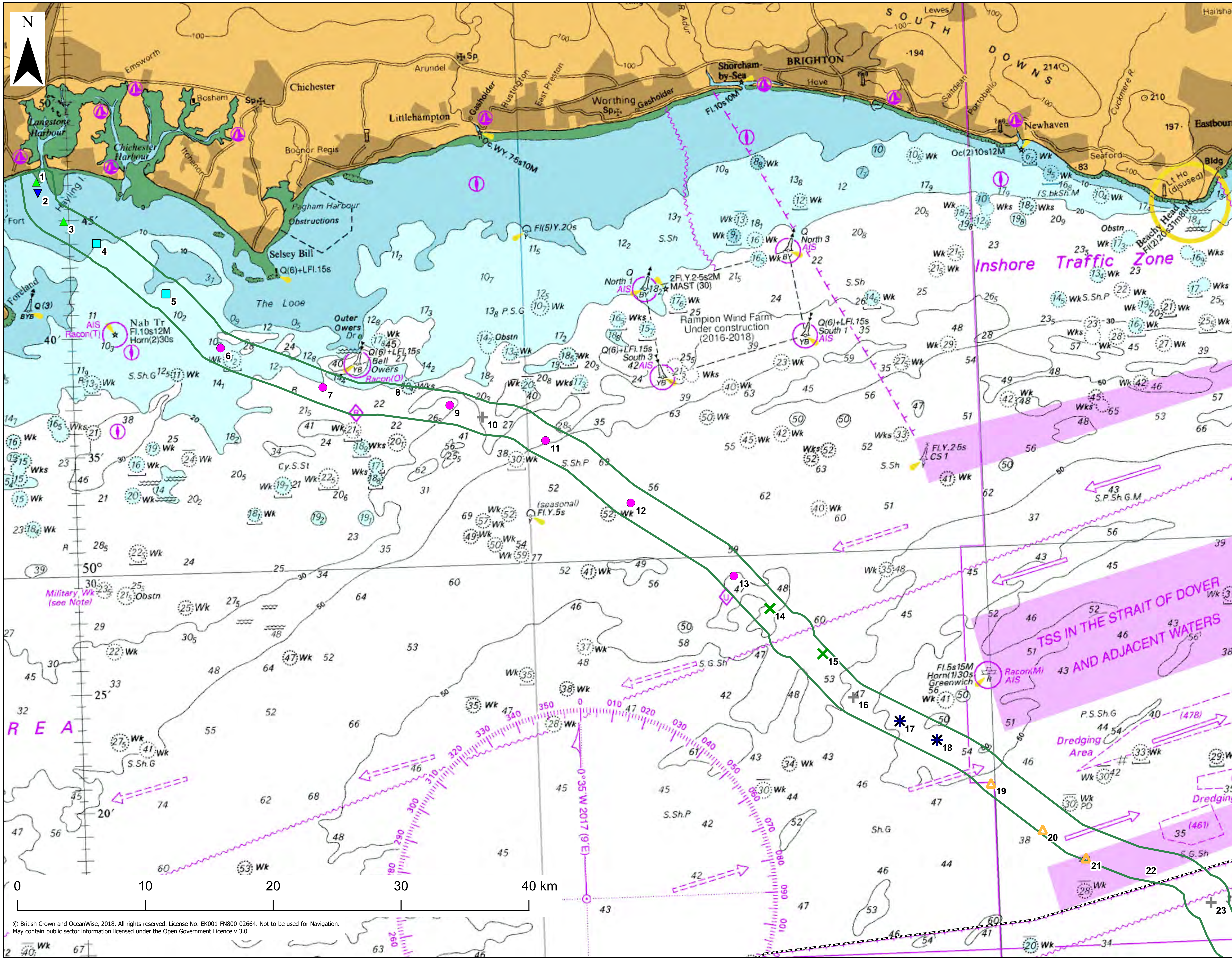


Figure 13 - Bray-Curtis MDS of subtidal infauna identified through cluster analysis

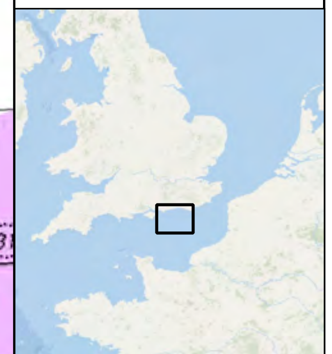


AQUIND Interconnector

- Exclusive Economic Zone (EEZ) boundary
- Benthic survey area

Benthic sampling stations: Simprof groups

- a
- c
- f
- g
- i
- k
- l
- m



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CLIENT: AQUIND

PROJECT: AQUIND Interconnector

TITLE: Figure 14: Benthic Sampling Station Simprof Groups in UK Waters

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PROJECT NO: GB201394 | DESIGNED: GR | DRAWN: GR | DATE: 31/10/2018

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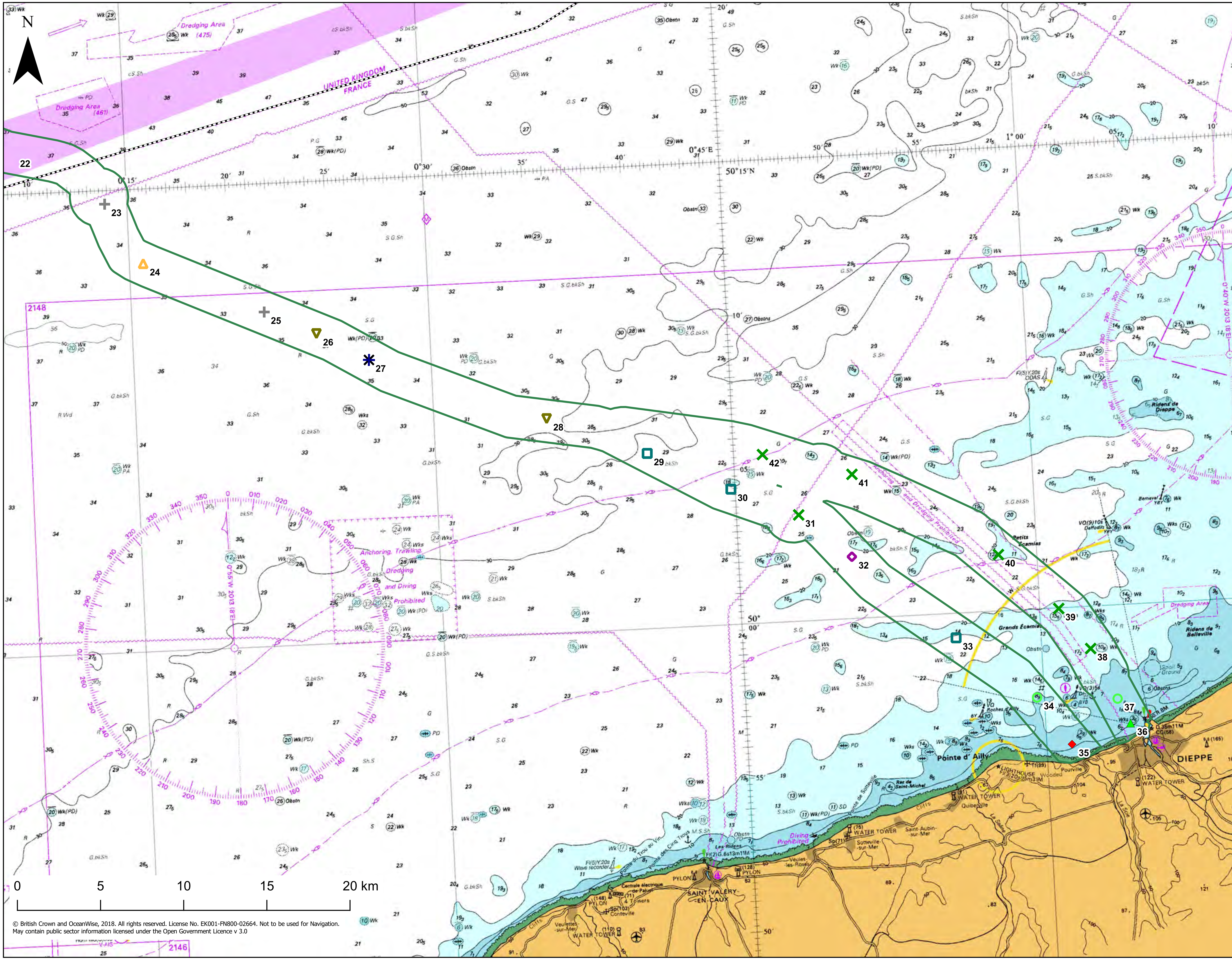
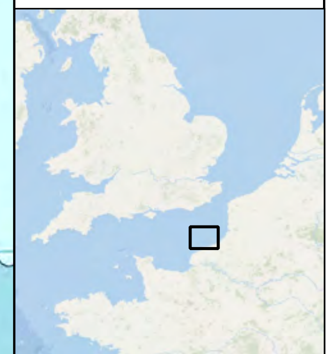


AQUIND Interconnector

- Exclusive Economic Zone (EEZ) boundary
- Benthic survey area

Benthic sampling stations: Simprof groups

- b
- d
- e
- f
- g
- h
- i
- j
- k
- m



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CLIENT: AQUIND

PROJECT: AQUIND Interconnector

TITLE: Figure 15: Benthic Sampling Station Simprof Groups in French Waters

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PROJECT NO: GB201394	DESIGNED: GR / DRAWN: GR	DATE: 02/11/2018
DRAWING NO: EN020022 - ES - APPENDIX - 8.1 - 15		REV NO: 02

1.3.11. SIMPER outputs revealed the top species contributing to similarity within groups (Table 5). With the exception of clusters C, I and M, polychaetes were consistently the top driving species. Although SIMPER analysis could not be performed for clusters A, B and E (as theses comprised a single sampling station), polychaetes (*Nephtys cirrosa* and *Malmgrenia ljungmani*) also contributed most to these samples. Amphipods, bivalves and bryozoa were also common. Full SIMPER outputs can be found in Appendix C.

1.3.12. It should be noted that initially sample stations 2 and 35 formed Simprof group a. However, as these sampling stations only shared one common species, (*Nephtys cirrosa*), the Simprof group was split, allowing for better representation of the two samples in subsequent analysis.

Table 5 - Top five contributing species to Simprof groups

Group	Sample station	Contributing species	Folk sediment classification	Approx depth range (m)	Average similarity
a	2	*Nephtys cirrosa, Hydrallmania falcata, Urothoe*	Gravelly sand	8	N/A
b	35	*Nephtys cirrosa, Abra prismatica, Amphipholis squamata, Donax vittatus, Fabulina fabula*	Muddy sand	10	N/A
c	6,7,9,11,12,13	*Echinocyamus pusillus, Glycera lapidum, Ampelisca spinipes, Schizomavella, Electra pilosa*	Sandy gravel, muddy sandy gravel (11)	13-61	20.72
d	34,37	*Spirobranchus lamarcki, Gibbula tumida, Sabellaria spinulosa, Spirobranchus triqueter, Abludomelita obtusata*	Muddy sandy gravel	13-14	36.60
e	32	*Malmgrenia ljungmani, Abludomelita*	Sandy gravel	30	N/A

Group	Sample station	Contributing species	Folk sediment classification	Approx depth range (m)	Average similarity
		obtusata, Achelia echinata, Amphipholis squamata, Apherusa bispinosa			
f	10,16,23,25	*Spirobranchus triqueter, Amphipholis squamata, Chorizopora brongniartii, Escharella immersa, Escharella ventricosa*	Sandy gravel, muddy sandy gravel (10)	30-53	40.40
g	19,20,21,24	*Spirobranchus triqueter, Nephasoma (Nephasoma) minutum, Nematoda, Disporella hispida*	Sandy gravel	44-50	49.19
h	26,28	*Dipolydora saintjosephi, Syllis armillaris, Spirobranchus triqueter, Lepidonotus squamatus, Amphipholis squamata*	Sandy gravel	32-38	45.88
i	17,18,27	*Nematoda, Nephasoma (Nephasoma) minutum, Eunice vittata, Disporella hispida, Escharella immersa*	Sandy gravel	41-54	35.75
j	29,30,33	*Glycera lapidum, Psammechinus miliaris, Serpulidae, Golfingia (Golfingia) elongata, Glycera oxycephala*	Gravelly sand, sandy gravel (30)	28-33	29.67
k	14,15,31,38,39,	*Notomastus, Glycera lapidum, Nematoda,*	Sandy gravel (14, 31, 40,	19-58	20.30

Group	Sample station	Contributing species	Folk sediment classification	Approx depth range (m)	Average similarity
	40,41,42	*Malmgrenia ljungmani, Nemertea*	41), muddy sandy gravel (15), gravelly muddy sand (38), gravelly sand (39, 42)		
l	4,5	*Jasmineira schaudinni, Ampelisca diadema, Amphipholis squamata, Nephtys kersivalensis, Pisidia longicornis*	Muddy sandy gravel	11-13	21.47
m	1,3,36	*Actiniaria, Lanice conchilega, Pedicellina, Achelia echinata, Amphicteis midas*	Sandy gravel (1), gravelly mud (3), gravelly sand (36)	7-9	20.18

BENTHIC BIOTOPE ASSIGNMENT

DDV

1.3.13. Eight epibenthic biotopes were identified from the video tows (Table 6). See Appendix B.3 for example photographs of biotopes. Full biotope descriptions are described in Appendix E.

Table 6 - Biotopes identified from the video and still imagery analysis of the Aquind Interconnector route

Biotope	MNCR Classification Description	EUNIS Code	Sample station
CR.MCR	Moderate energy circalittoral rock	A4.2	7, 8
SS.SCS.CCS	Circalittoral coarse sediment	A5.14	6, 9-15, 31, 32, 37-42
SS.SCS.OCS	Offshore circalittoral coarse sediment	A5.15	16-21, 23-26, 28, 29, 33

Biotope	MNCR Classification Description	EUNIS Code	Sample station
SS.SSa.IMuSa	Infralittoral muddy sand	A5.24	35
SS.SSa.IFiSa	Infralittoral fine sand	A5.23	2
SS.SMx.IMx	Infralittoral mixed sediment	A5.43	1, 3-5, 34
SS.SMx.CMx	Circalittoral mixed sediment	A5.44	36
SS.SMx.CMx.OphMx	*Ophiothrix fragilis* and/or *Ophiocomina nigra* brittlestar beds on sublittoral mixed sediment	A5.445	22, 27, 30

BENTHIC GRAB

1.3.14. SIMPER outputs, along with the physical sediment data collected from PSA analysis and depth, were used to assign community descriptions and subsequently biotopes according to the Marine Habitat Classification for Britain and Ireland (Connor *et al*., 2004). Six biotopes were identified from benthic grabs (Table 7). Full biotope descriptions are described in Appendix E.

1.3.15. Initially, sampling station 10 was grouped with offshore samples, however spatially this station was situated in a more inshore location than would be suggested by this biotope (Figure 2). This sampling station was therefore split out of group F at this point to allow a more suitable classification to be described (SS.SCS.CCS.MedLumVen).

Table 7 - Benthic biotopes

Group	Contributing species	Folks	Approx depth range (m)	Biotope	MNCR Classific-ation Descripti-on	EUNIS code
a	*Nephtys cirrosa, Hydrallmania falcata, Urothoe*	Gravelly sand	8	SS.SSa.IFiSa.IMoSa	Infralittoral mobile clean sand with sparse fauna	A5.231
b	*Nephtys cirrosa, Abra prismatica, Amphipholis squamata, Donax vittatus, Fabulina fabula*	Muddy sand	10	SS.SSa.IMuSa	Infralittoral muddy sand	A5.24
c	*Echinocyamus pusillus, Glycera lapidum, Ampelisca spinipes, Schizomavella, Electra pilosa*	Sandy gravel, gravelly muddy sand, muddy sandy gravel	13-61	SS.SCS.CCS.MedLumVen	*Mediomastus fragilis, Lumbrineris* sp p. and venerid bivalves in circalittoral coarse sand or gravel	A5.142
d	*Spirobranchus lamarcki, Gibbula tumida, Sabellaria spinulosa, Spirobranchus triqueter, Abludomelita obtusata*	Muddy sandy gravel	13-14	SS.SMx.IMx	Infralittoral mixed sediment	A5.43
e	*Malmgrenia ljungmani, Abludomelita obtusata, Achelia echinata, Amphipholis squamata, Apherusa bispinosa*	Sandy gravel	30	SS.SCS.CCS	Circalittoral coarse sediment	A5.14

Group	Contributing species	Folks	Approx depth range (m)	Biotope	MNCR Classific-ation Descripti-on	EUNIS code
f	*Spirobranchus triqueter, Amphipholis squamata, Chorizopora brongniartii, Escharella immersa, Escharella ventricosa*	Sandy gravel	40-53	SS.SCS.OCS	Offshore circalittoral coarse sediment	A5.14
g	*Spirobranchus triqueter, Nephasoma (Nephasoma) minutum, Nematoda, Disporella hispida*	Sandy gravel	44-50	SS.SCS.OCS	Offshore circalittoral coarse sediment	A5.15
h	*Dipolydora saintjosephi, Syllis armillaris, Spirobranchus triqueter, Lepidonotus squamatus, Amphipholis squamata*	Sandy gravel	32-38	SS.SCS.OCS	Offshore circalittoral coarse sediment	A5.15
i	*Nematoda, Nephasoma (Nephasoma) minutum, Eunice vittata, Disporella hispida, Escharella immerse*	Sandy gravel	41-54	SS.SCS.OCS	Offshore circalittoral coarse sediment	A5.15
j	*Glycera lapidum, Psammechinus miliaris, Serpulidae, Golfingia (Golfingia) elongata, Glycera oxycephala*	Gravelly sand, sandy gravel	28-33	SS.SCS.OCS	Offshore circalittoral coarse sediment	A5.15

Group	Contributing species	Folks	Approx depth range (m)	Biotope	MNCR Classific-ation Descripti-on	EUNIS code
k	*Notomastus, Glycera lapidum, Nematoda, Malmgrenia ljungmani, Nemertea*	Sandy gravel, muddy sandy gravel, gravelly muddy sand gravelly sand	19-58	SS.SCS.CCS.MedLumVen	*Mediomastus fragilis, Lumbrineris* sp p. and venerid bivalves in circalittoral coarse sand or gravel	A5.142
l	*Jasmineira schaudinni, Ampelisca diadema, Amphipholis squamata, Nephtys kersivalensis, Pisidia longicornis*	Muddy sandy gravel	11-13	SS.SMx.IMx	Infralittoral mixed sediment	A5.43
m	*Actiniaria, Lanice conchilega, Pedicellina, Achelia echinata, Amphicteis midas*	Sandy gravel, gravelly mud, gravelly sand	7-9	SS.SMx.IMx	Infralittoral mixed sediment	A5.43

FINAL BIOTOPE ASSIGNMENT

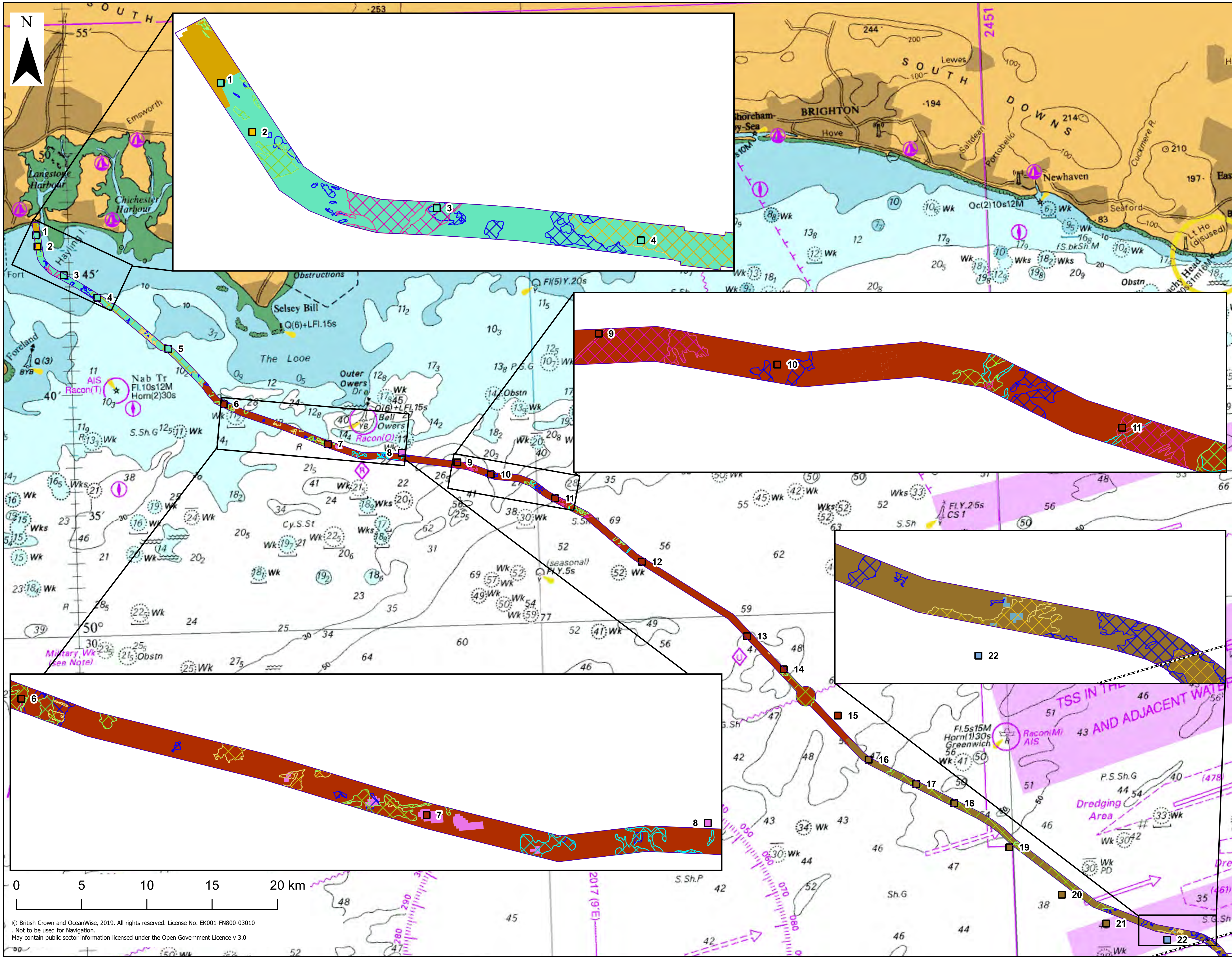
1.3.16. Infauna (grab) and epibenthic (DDV) biotope classifications were incorporated into an Excel spreadsheet, and final benthic habitats assigned to each sampling station. The majority of infauna and epibenthic habitat assignment at a sampling station were consistent or complimentary. Where infauna habitats could not be assigned due to unsuccessful grabs (at stations 8 and 22), the DDV classification was carried forward.

1.3.17. Disparities between DDV and grab benthic biotope assignation occurred at four sampling stations (7, 27, 30 and 37). Due to the incorporation of PSA analysis, it was considered that data from the benthic grab gave a better representation of sediment characteristics. However, as it was also important to consider epibenthic communities identified from DDV imagery, e.g. rocky outcrops at station 7, and brittlestar communities at stations 27 and 30, these stations were assigned to both biotopes in order to reflect the presence of rock outcrops or epibiotic overlays/ mosaic habitats (Table 8).

Table 8 - Final biotope assignment

Final biotope	MNCR Classification Description	EUNIS code	Samples
SS.SMx.IMx	Infralittoral mixed sediment	A5.43	1,3-5, 34, 36-37
SS.SSa.IFiSa.IMoSa	Infralittoral mobile clean sand with sparse fauna	A5.231	2
SS.SCS.CCS.MedLumVen	*Mediomastus fragilis, Lumbrineris* spp. and venerid bivalves in circalittoral coarse sand or gravel	A5.142	6-7, 9-15, 31, 38-42
CR.MCR	Moderate energy circalittoral rock	A4.2	7, 8
SS.SCS.OCS	Offshore circalittoral coarse sediment	A5.15	16-21, 23-30, 33
SS.SMx.CMx.OphMx	*Ophiothrix fragilis* and/or *Ophiocomina nigra* brittlestar beds on sublittoral mixed sediment	A5.445	22, 27, 30
SS.SCS.CCS	Circalittoral coarse sediment	A5.14	32
SS.SSa.IMuSa	Infralittoral muddy sand	A5.24	35

1.3.18. Benthic habitats and geophysical survey data (including seabed features such as sand waves and ripples) were incorporated into an ArcGIS worksheet to produce a multi-layered biotope map of the proposed benthic survey area (Figure 16 and Figure 17). This allowed for extrapolation of biotopes between sampling stations.



AQUIND Interconnector

- Marine Cable Corridor
- Exclusive Economic Zone (EEZ) boundary

Benthic sampling station

- A4.2 - Moderate energy circalittoral rock
- A5.142 - *Mediomastus fragilis, Lumbrineris* spp. and venerid bivalves in circalittoral coarse sand or gravel
- A5.15 - Offshore circalittoral coarse sediment
- A5.231 - Infralittoral mobile clean sand with sparse fauna
- A5.43 - Infralittoral mixed sediment
- A5.445 -*Ophiothrix fragilis* and/or *Ophiocomina nigra* brittlestar beds on sublittoral mixed sediment

Geophysical interpretation - EUNIS code and description

- A4.2 - Moderate energy circalittoral rock
- A5.14 - Circalittoral coarse sediment
- A5.15 - Offshore circalittoral coarse sediment
- A5.23 - Infralittoral fine sediment
- A5.43 - Infralittoral mixed sediment
- A5.445 - *Ophiothrix fragilis* and/or *Ophiocomina nigra* brittlestar beds on sublittoral mixed sediment

Seabed features

- Sand waves
- Large ripples
- Numerous boulders
- Occasional boulders
- Ripples

*as surveyed during geophysical survey campaign

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PROJECT: AQUIND Interconnector

TITLE: Figure 16: Habitats Identified During the Benthic Baseline Survey

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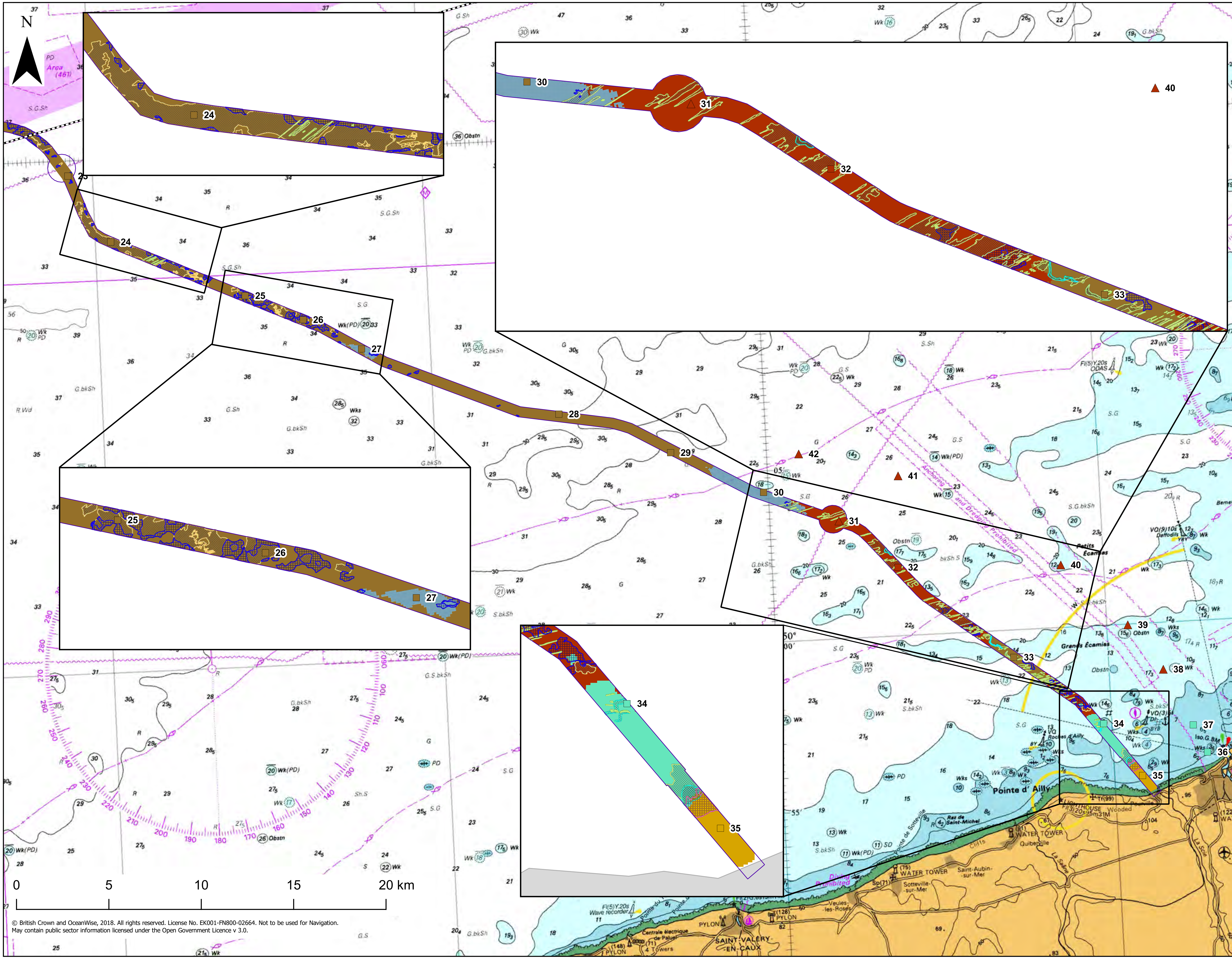

AQUIND Interconnector

- Marine Cable Corridor*
- Exclusive Economic Zone (EEZ) boundary

Benthic sampling station - EUNIS code and description

- A5.14 - Circalittoral coarse sediment
- A5.142 - *Mediomastus fragilis*, *Lumbrineris* spp. and venerid bivalves in circalittoral coarse sand or gravel
- A5.15 - Offshore circalittoral coarse sediment
- A5.24 - Infralittoral muddy sand
- A5.43 - Infralittoral mixed sediment

Geophysical interpretation - EUNIS code and description

- A5.14 - Circalittoral coarse sediment
- A5.15 - Offshore circalittoral coarse sediment
- A5.23 - Infralittoral fine sediment
- A5.43 - Infralittoral mixed sediment
- A5.445 - *Ophiothrix fragilis* and/or *Ophiocomina nigra* brittlestar beds on sublittoral mixed sediment

Seabed features

- Sand waves
- Large ripples
- Numerous boulders
- Occasional boulders
- Ripples

*as surveyed during geophysical survey campaign

The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017.

REV	DATE	BY	DESCRIPTION	CHK	APP
02	02/11/2018	GR	SECOND ISSUE TO INCLUDE COMMENTS PRIOR TO EXAMINATION	SM	JL
01	29/06/2018	GR	FIRST DRAFT	FM	GR

DRAWING STATUS: FINAL

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CLIENT: AQUIND

PROJECT: AQUIND Interconnector

TITLE: Figure 17: Habitats Identified During the Benthic Baseline Survey

SCALE AT A3:	CHECKED:	APPROVED:
1:180,000	SM	JL

PROJECT NO:	DESIGNED:	DRAWN:	DATE:
GB201394	GR	GR	02/11/2018

DRAWING NO: EN020022 - ES - APPENDIX - 8.1 - 17
REV NO: 02

FEATURES OF CONSERVATION IMPORTANCE

1.3.19. There was a possible record of Maërl (isolated fragments) at sampling stations 40 and 42, but the imagery is unclear for identification with certainty (Figure 18 and Figure 19 respectively).

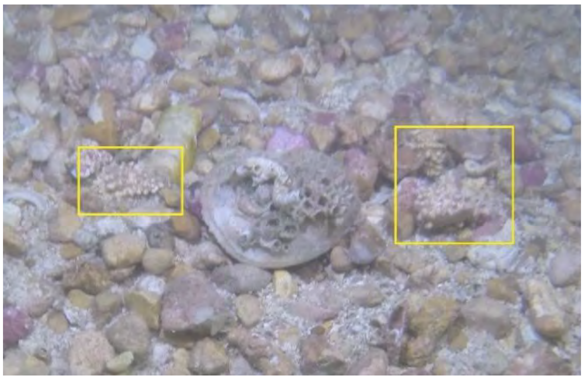

Figure 18 - Possible Maerl

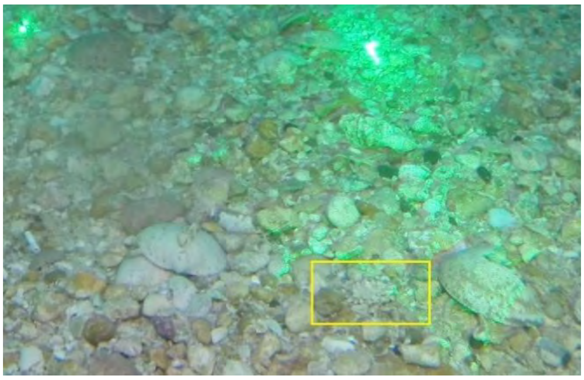

Figure 19 - Possible Maerl

1.3.20. One sampling station (22) was considered to have the potential to be representative of Annex I reef during survey operations and therefore was not sampled using a grab. The imagery from this station was reviewed and the biotope *Ophiothrix fragilis* and/or *Ophiocomina nigra* brittlestar beds on sublittoral mixed sediment (SS.SMx.CMx.OphMx) attributed to the station (Figure 20). The footage does suggest that the mixed sediment could be overlying bedrock or stable substratum with established epifaunal growths of *Alcyonium digitatum* present.

1.3.21. A reefiness assessment was undertaken using the DDV and geophysical data which identified the area to be of medium resemblance of stony reef, according to Irving (2009) (Table 9). Therefore, although it is recognised that the area is not within any designated or proposed MCZs or SAC, the habitat is considered to have the potential to be Annex I reef.

Table 9 - Reefiness score for sample station 22

Characteristic	Score	
Composition	Medium (40 %-95 % of substratum)	35 % pebbles and 40 % cobbles for the substratum.
Elevation	Medium (5 mm – 64 mm from seabed)	Cobbles between 4 & 64 mm are present and are prominent of the surrounding substrate
Extent	Low to High (>25 m^2)	Extent from adjacent sidescan and bathymetry data suggest extent greater than 25 m^2
Biota	N/A	As no infaunal sample was collected all taxa recorded are epifaunal.

1.3.22. Rocky outcrops which occur at stations 7 and 8 are not deemed to be potential Annex I reef as they are poorly colonised and heavily influenced by scour from adjacent coarse sediments.

Figure 20 - Still image from station 22 which was attributed as SS.SMx.CMx.OphMx and assessed for Annex I reef

Sabellaria spinulosa was the most common species identified in grab samples at two stations (5 and 7), however it was not found in amounts required to correlate with any *Sabellaria* biotopes and no reef or encrusting formations were observed. Subtidal sands and gravels (a UK BAP priority habitat) were identified across the majority of the benthic survey area.

1.4 DISCUSSION

1.4.1. Benthic ecology is influenced by both seafloor geological and morphological characteristics and the overlying water column attributes. Given the physical size of the study area, range of depths and ground conditions present, the differences in both numbers of species and total abundance found across the benthic survey area are not unexpected.

1.4.2. Nearshore benthic habitats between the UK landfall and sampling station 3 (c. 4.5 km offshore) are predominantly sandy (infralittoral fine sediment; infralittoral mobile clean sand with sparse fauna; infralittoral/circalittoral mixed sediment) with a small patch of sand ripples in the Solent. The typical community structure is characterised by a range of species including polychaetes, amphipods, bivalves, tunicates, sea anemones and crabs.

1.4.3. Further offshore up to the 12 nm limit, the benthic habitat transitions to a coarser, mixed sediment composition of sand and gravel veneers over hardground, colonised by infaunal polychaetes (infralittoral/circalittoral mixed sediment; *Mediomastus fragilis, Lumbrineris* spp. and venerid bivalves in circalittoral coarse sand or gravel; moderate energy circalittoral rock). Depths of sediment in this area extend up to a maximum of 12.8 m. However, between c. 6 km offshore and the 12 nm limit, hardground is often close to the surface and the sediment veneer is thin. Numerous boulder fields cover this area with a large boulder field between c.7 km to 17.5 km from the UK coastline. A cluster of rocky outcrops was also identified in the vicinity of stations 7 and 8, with station 7 predominantly characterised by bryozoans and polychaetes. The presence of *Pisidia longicornis* at this station also indicates a rock/boulder environment. Clusters of sand ripples and waves are also present throughout the section.

1.4.4. Circalittoral coarse sediment biotopes make up the majority of the offshore benthic survey area between the UK and French 12 nm limits. The most widespread infaunal biotopes are offshore circalittoral coarse sediment (SS.SCS.OCS) and *Mediomastus fragilis, Lumbrineris* spp. and venerid bivalves in circalittoral coarse sand or gravel (SS.SCS.CCS.MedLumVen). The geophysical survey data for the area defined several outcrops of hardground intermittently covered by sediment of depths ranging from 5 m to 16 m. Sand waves up to 15 m in height are present near to the UK 12 nm limit between sampling stations 10 and 11 which were both characterised as *Mediomastus fragilis, Lumbrineris* spp. and venerid bivalves in circalittoral coarse sand or gravel. A large patch of sand ripples located between sampling stations 16 and 21, on the UK side of the EEZ, is characterised as the habitat SS.SCS.OCS. Boulder fields are common between sampling station 21 on the UK side of the EEZ and station 27 on the French side. Although epibenthic communities across the benthic survey area are generally sparse, elevated levels of silt at station 22 have altered the habitat to a mixed substratum occupied by the brittlestars *Ophiothrix fragilis* and/or *Ophiocomina nigra*.

1.4.5. Moving into French territorial waters, the habitat is again dominated by circalittoral coarse sediment (SS.SCS.CCS; SS.SCS.OCS) with a large patch of *Ophiothrix fragilis* and/or *Ophiocomina nigra* brittlestar beds on sublittoral sediment (SS.SMx.CMx.OphMx) between sampling stations 29 and 31. A mosaic of ripples, boulders and sand waves are present across the majority of the section. Large sand waves with steep slopes are seen just north of station 32 which is located approximately 18.5 km from the French coast. Geophysical surveys identified hardground beneath the surface sediments, with depths of sediment varying between 3 m and 6 m. South of station 32, hardground/bedrock is at or close to the surface with a thin sediment veneer of generally coarse sediments (SS.SCS.CCS; SS.SCS.OCS).

1.4.6. Approximately 5.5 km from the French coastline, the seabed composition changes from predominantly coarse to mixed sediment (SS.SMx.IMx). This mixed sediment extends south east for c.3.5 km before shifting to fine (SS.SSa.IFiSa) and muddy (SS.SSa.IMuSa) sands c.2 km from the shore. The polychaete *Nephtys cirrosa* was the most common species identified at sampling station 35 (infralittoral muddy sand) which was the closest sampling station to the French coastline at c.1.1 km from the shore. This was not unexpected considering the species' mobile nature. In this area, geophysical surveys identified extensive areas of fine sediment drifts associated with ripples or sand waves, as well as intermittent boulder fields in this area.

1.4.7. *Sabellaria spinulosa* was the most common species identified in grab samples at stations 5 and 7, although it was not found in amounts required to correlate with any *Sabellaria* biotopes and no reef or encrusting formations were observed. There was a possible record of Maërl fragments at two sampling stations (40 and 42), however these potential occurrences were of small isolated clusters which would not constitute a Maërl habitat and they were situated c.1.5 km and over 4 km respectively from the benthic survey area along the alternative French landfall route that is not now being progressed.

1.4.8. Discrete patches of rocky reef were located within proximity to station 22, of which a 'reefiness' assessment showed it to be of only medium reefiness. In addition, the feature is not located within a designated site or protected area. Rocky outcrops which occur at stations 7 and 8 were not deemed to be potential Annex I reef as they are poorly colonised and heavily influenced by scour from adjacent coarse sediments.

1.4.9. The findings presented in this report are generally in line with recent EMODnet (2016) predicted habitats. Where inconsistencies arise, they are largely a result of differences in allocating biological zones (infralittoral/circalittoral/offshore circalittoral habitat), rather than sediment and community composition. Similarly, biotopes in the UK nearshore were consistent with those identified in the wider area for neighbouring projects, e.g. IFA2 and the Rampion Offshore Windfarm (ROW). For example, benthic surveys for ROW located c.50 km east of the UK landfall, characterised the nearshore as predominantly circalittoral coarse/mixed sediment (SS.SCS.CCS or SS.SMx.CMx; A5.14 or A5.44) and clean sand with sparse fauna (SS.SSa.IFiSa.IMoSa; A5.231). Infralittoral mixed sediment (SS.SMx.IMx; A5.43) was also observed in this region (Rampion, 2012).

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APPENDICES

A. SURVEY FIELD LOGS

A.1. SUBTIDAL - GRAB

Date	Country	Sampling station	Local time	Latitude	Longitude	PSA	Fauna	Water depth (m) + 1.5m	No. grab attempts
08/08/17	UK	1	13:45	50°46.652	001°02.119	x	x	6.7	1
08/08/17	UK	2	13:34	50°46.184	001°02.040	x	x	8	1
04/12/17	UK	3	14:04	50°44.967	001°00.369	x	x	7.9	1
04/12/17	UK	4	14:23	50°43.997	000°58.228	x	x	11.1	1
04/12/17	UK	5	14:58	50°41.798	000°53.707	x	x	13.3	1
04/12/17	UK	6	15:27	50°39.443	000°50.189	x	x	13	1
04/12/17	UK	7	16:25	50°37.658	000°43.491	x	x	25	3
08/08/17	UK	8	07:49	50°37.207	000°38.699			27.2	3
08/08/17	UK	9	07:08	50°36.735	000°35.114	x	x	30.5	1
05/12/17	UK	10	12:26	50°36.192	000°32.972	x	x	30.4	2
05/12/17	UK	11	11:41	50°35.114	000°28.845	x	x	47.9	1
25/07/17	UK	12	20:17	50°32.360	000°23.345	x	x	60.67	1
25/09/17	UK	13	16:06	50°29.125	000°16.706	x	x	55.7	1
25/09/17	UK	14	15:41	50°27.700	000°14.405	x	x	53	1
25/07/17	UK	15	18:32	50°25.703	000°11.014	x	x	58.2	1
25/07/17	UK	16	18:09	50°23.829	000°09.131	x	x	53.31	1
25/03/18	UK	17	15:08	50°22.745	000°06.120	x	x	53	1
25/03/18	UK	18	14:45	50°21.888	000°03.706	x	x	54	1
25/03/18	UK	19	14:14	50°19.973	000°00.265	x	x	50	1
25/03/18	UK	20	13:48	50°17.925	000°03.009	x	x	44	1
25/03/18	UK	21	13:22	50°16.657	000°05.787	x	x	45	1
25/03/18	UK	22		50°15.876	000°09.677				0
25/03/18	France	23	13:31	50°14.557	000°13.873	x	x	40	1
25/03/18	France	24	13:07	50°12.577	000°15.689	x	x	38	1
25/03/18	France	25	12:27	50°10.834	000°21.691	x	x	40	2
25/03/18	France	26	11:57	50°10.057	000°24.275	x	x	37.5	2
25/03/18	France	27	11:26	50°09.126	000°26.865	x	x	41	1
27/09/17	France	28	11:39	50°06.952	000°35.681	x	x	31.8	3

Date	Country	Sampling station	Local time	Latitude	Longitude	PSA	Fauna	Water depth (m) + 1.5m	No. grab attempts
27/09/17	France	29	11:11	50°05.667	000°40.662	x	x	31.2	1
27/09/17	France	30	15:09	50°04.375	000°44.787	x	x	33	1
27/09/17	France	31	15:31	50°03.429	000°48.133	x	x	30.8	1
27/09/17	France	32	15:50	50°01.987	000°50.701	x	x	29.8	1
27/09/17	France	33	18:18	49°59.185	000°55.726	x	x	27.5	1
26/09/17	France	34	18:42	49°57.113	000°59.632	x	x	14.4	3
26/09/17	France	35	18:14	49°55.539	001°01.263	x	x	10	1
26/09/17	France	36	19:32	49°56.121	001°04.255	x	x	9.3	4
26/09/17	France	37	19:07	49°56.936	001°03.673	x	x	12.6	1
27/09/17	France	38	08:44	49°58.605	001°02.457	x	x	19	1
27/09/17	France	39	09:08	49°59.957	001°00.960	x	x	22.3	1
27/09/17	France	40	09:34	50°01.808	000°58.074	x	x	24.4	1
27/09/17	France	41	10:17	50°04.655	000°50.917	x	x	26.6	1
27/09/17	France	42	10:41	50°05.443	000°46.464	x	x	29.2	1

A.2. SUBTIDAL – DDV (VIDEO)

Date	Sampling station	Start time (hh:mm:ss)	Start - Latitude (DD)	Start - Longitude (DD)	End - Latitude (DD)	End - Longitude (DD)	Positional Accuracy	Sea Level Upper
24/07/17	1	16:24:42	50.7776	-1.0355	50.7773	-1.0355	<10m	3.81
24/07/17	2	16:39:02	50.7697	-1.0341	50.7697	-1.0341	<10m	3.76
05/12/17	3	07:50:00	50.7497	-1.0074	50.7495	-1.0062	<10m	6.1
05/12/17	4	08:06:00	50.7336	-0.9716	50.7334	-0.9697	<10m	9.7
05/12/17	5	08:40:00	50.6968	-0.8963	50.6967	-0.8948	<10m	13
05/12/17	6	09:24:00	50.6572	-0.8364	50.6574	-0.8342	<10m	14.7
05/12/17	7	10:03:00	50.6273	-0.7245	50.6275	-0.7229	<10m	28.1
25/09/17	8	12:49:00	50.6202	-0.6448	50.6204	-0.6438	<10m	30
25/07/17	9	06:42:46	50.6122	-0.5855	50.6119	-0.5858	<10m	28.92
05/12/17	10	11:04:00	50.6032	-0.5497	50.6036	-0.5488	<10m	30.3
05/12/17	11	11:33:00	50.5851	-0.4808	50.5851	-0.4808	<10m	49
25/07/17	12	08:18:19	50.5390	-0.3882	50.5386	-0.3876	<10m	60.67
25/09/17	13	14:59:00	50.4857	-0.2781	50.4855	-0.2782	<10m	55.7
25/09/17	14	15:29:00	50.4617	-0.2383	50.4615	-0.2394	<10m	53.6
25/07/17	15	09:18:00	50.4290	-0.1826	50.4289	-0.1806	<10m	58.2
25/07/17	16	10:54:46	50.3971	-0.1510	50.3971	-0.1485	<10m	53.31
24/03/18	17	14:18:49	50.3791	-0.1023	50.3793	-0.1012	<10m	26
24/03/18	18	14:42:08	50.3650	-0.0644	50.3651	-0.0639	<10m	55
24/03/18	19	15:23:04	50.3333	0.0044	50.3334	0.0045	<10m	50
24/03/18	20	15:50:11	50.2987	0.0497	50.2987	0.0494	<10m	47
24/03/18	21	16:15:48	50.2776	0.0974	50.2776	0.0969	<10m	43
24/03/18	22	16:44:01	50.2647	0.1617	50.2645	0.1608	<10m	40
24/03/18	23	17:16:06	50.2430	0.2308	50.2427	0.2297	<10m	42
24/03/18	24	17:41:37	50.2096	0.2605	50.2091	0.2588	<10m	40
24/03/18	25	18:23:12	50.1801	0.3619	50.1798	0.3610	<10m	39
24/03/18	26	18:45:22	50.1674	0.4039	50.1670	0.4026	<10m	37
24/03/18	27	19:11:33	50.1519	0.4474	50.1516	0.4459	<10m	36
26/09/17	28	11:51:00	50.1156	0.5945	50.1156	0.5954	<10m	33
26/09/17	29	11:20:00	50.0944	0.6776	50.0944	0.6772	<10m	31.8
26/09/17	30	10:43:00	50.0728	0.7460	50.0726	0.7457	<10m	28.9
26/09/17	31	13:14:00	50.0572	0.8018	50.0573	0.8030	<10m	30.1

Date	Sampling station	Start time (hh:mm:ss)	Start - Latitude (DD)	Start - Longitude (DD)	End - Latitude (DD)	End - Longitude (DD)	Positional Accuracy	Sea Level Upper
26/09/17	32	13:35:00	50.0333	0.8443	50.0334	0.8455	<10m	29.5
26/09/17	33	16:09:00	49.9867	0.9294	49.9866	0.9294	<10m	28.2
26/09/17	34	16:40:00	49.9518	0.9940	49.9514	0.9936	<10m	15.7
26/09/17	35	17:01:00	49.9255	1.0216	49.9253	1.0210	<10m	10.2
26/09/17	36	07:46:00	49.9353	1.0711	49.9353	1.0708	<10m	7.1
26/09/17	37	08:02:00	49.9490	1.0615	49.9490	1.0608	<10m	10.3
26/09/17	38	08:26:00	49.9766	1.0396	49.9767	1.0408	<10m	17.2
26/09/17	39	08:43:00	49.9993	1.0163	49.9990	1.0150	<10m	21.2
26/09/17	40	09:10:00	50.0302	0.9689	50.0300	0.9679	<10m	23.1
26/09/17	41	09:52:00	50.0776	0.8493	50.0773	0.8482	<10m	26
26/09/17	42	10:20:00	50.0908	0.7752	50.0907	0.7746	<10m	28.9

A.3. SUBTIDAL – DDV (STILLS)

Date	Sampling station	Image code	Fix Time (hh:mm:ss)	Latitude (DecDeg)	Longitude (DecDeg)	Positional Accuracy	Depth
24/07/17	1	UK01_01	16:24:42	50.77761333	-1.03554000	<10m	3.81
		UK01_02	16:24:42	50.77779333	-1.03557000	<10m	3.81
		UK01_03	16:24:42	50.77788333	-1.03558500	<10m	3.81
24/07/17	2	UK02_01	16:39:02	50.76971167	-1.03411167	<10m	3.76
		UK02_02	16:39:02	50.76972333	-1.03412333	<10m	3.76
		UK02_03	16:39:02	50.76972917	-1.03412917	<10m	3.76
05/12/17	3	RE01_01	07:50:00	50.74968330	-1.00736500	<10m	6.1
		RE01_02	07:50:00	50.74981550	-1.00816053	<10m	6.1
		RE01_03	07:50:00	50.74988160	-1.00855830	<10m	6.1
		RE01_04	07:50:00	50.74994770	-1.00895607	<10m	6.1
05/12/17	4	RE02_01	08:06:00	50.73360670	-0.97156670	<10m	9.7
		RE02_01	08:06:00	50.73360670	-0.97156670	<10m	9.7
		RE02_01	08:06:00	50.73360670	-0.97156670	<10m	9.7
		RE02_01	08:06:00	50.73360670	-0.97156670	<10m	9.7
		RE02_01	08:06:00	50.73360670	-0.97156670	<10m	9.7
05/12/17	5	RE03_01	08:40:00	50.69675830	-0.89630330	<10m	13
		RE03_02	08:40:00	50.69678160	-0.89707330	<10m	13
		RE03_03	08:40:00	50.69679325	-0.89745830	<10m	13
		RE03_04	08:40:00	50.69680490	-0.89784330	<10m	13
		RE03_05	08:40:00	50.69681655	-0.89822830	<10m	13
05/12/17	6	RE04_01	09:24:00	50.65721000	-0.83643500	<10m	14.7
		RE04_02	09:24:00	50.65709335	-0.83754665	<10m	14.7
		RE04_03	09:24:00	50.65703503	-0.83810248	<10m	14.7
		RE04_04	09:24:00	50.65697670	-0.83865830	<10m	14.7
		RE04_05	09:24:00	50.65691838	-0.83921413	<10m	14.7
05/12/17	7	RE05_01	10:03:00	50.62734000	-0.72449170	<10m	28.1
		RE05_02	10:03:00	50.62724335	-0.72530670	<10m	28.1
		RE05_03	10:03:00	50.62719503	-0.72571420	<10m	28.1
		RE05_04	10:03:00	50.62714670	-0.72612170	<10m	28.1
		RE05_05	10:03:00	50.62709838	-0.72652920	<10m	28.1
25/09/17	8	UK10_01	12:49:00	50.62020110	-0.64479000	<10m	0

Date	Sampling station	Image code	Fix Time (hh:mm:ss)	Latitude (DecDeg)	Longitude (DecDeg)	Positional Accuracy	Depth
		UK10_02	12:49:00	50.62000270	-0.64583000	<10m	0
25/07/17	9	UK11_01	06:42:46	50.61219833	-0.58551667	<10m	28.92
		UK11_02	06:42:46	50.61282167	-0.58500000	<10m	28.92
		UK11_03	06:42:46	50.61313333	-0.58474167	<10m	28.92
05/12/17	10	RE06_01	11:04:00	50.60324000	-0.54966170	<10m	30.3
		RE06_02	11:04:00	50.60307750	-0.55009755	<10m	30.3
		RE06_03	11:04:00	50.60299625	-0.55031548	<10m	30.3
		RE06_04	11:04:00	50.60291500	-0.55053340	<10m	30.3
		RE06_05	11:04:00	50.60283375	-0.55075133	<10m	30.3
05/12/17	11	RE07_01	11:33:00	50.58505830	-0.48075500	<10m	49
		RE07_02	11:33:00	50.58505830	-0.48075500	<10m	49
		RE07_03	11:33:00	50.58505830	-0.48075500	<10m	49
25/07/17	12	UK14_01	08:18:19	50.53897000	-0.38823000	<10m	60.67
		UK14_02	08:18:19	50.53938667	-0.38888333	<10m	60.67
		UK14_03	08:18:19	50.53959500	-0.38921000	<10m	60.67
		UK14_04	08:18:19	50.53980333	-0.38953667	<10m	60.67
		UK14_05	08:18:19	50.54001167	-0.38986333	<10m	60.67
25/09/17	13	UK24_01	14:59:00	50.48569870	-0.27807500	<10m	55.7
		UK24_02	14:59:00	50.48589710	-0.27791800	<10m	55.7
		UK24_03	14:59:00	50.48599630	-0.27783950	<10m	55.7
25/09/17	14	UK25_01	15:29:00	50.46170040	-0.23828700	<10m	53.6
		UK25_02	15:29:00	50.46190250	-0.23712900	<10m	53.6
		UK25_03	15:29:00	50.46200355	-0.23655000	<10m	53.6
25/07/17	15	UK17_01	09:18:00	50.42900000	-0.18260000	<10m	58.2
		UK17_02	09:18:00	50.42911833	-0.18463333	<10m	58.2
		UK17_03	09:18:00	50.42917750	-0.18565000	<10m	58.2
25/07/17	16	UK18_01	10:54:46	50.39708000	-0.15096000	<10m	53.31
		UK18_02	10:54:46	50.39708500	-0.15346667	<10m	53.31
24/03/18	17	RE08_01	14:18:49	50.37914170	-0.10233170	<10m	26
		RE08_02	14:18:49	50.37907005	-0.10289170	<10m	26
		RE08_03	14:18:49	50.37903423	-0.10317170	<10m	26
		RE08_04	14:18:49	50.37899840	-0.10345170	<10m	26

Date	Sampling station	Image code	Fix Time (hh:mm:ss)	Latitude (DecDeg)	Longitude (DecDeg)	Positional Accuracy	Depth
		RE08_05	14:18:49	50.37896258	-0.10373170	<10m	26
24/03/18	18	RE09_01	14:42:08	50.36500000	-0.06440500	<10m	55
		RE09_02	14:42:08	50.36491000	-0.06477500	<10m	55
		RE09_03	14:42:08	50.36486500	-0.06496000	<10m	55
		RE09_04	14:42:08	50.36482000	-0.06514500	<10m	55
24/03/18	19	RE10_01	15:23:04	50.33328670	0.00443170	<10m	50
		RE10_02	15:23:04	50.33322590	0.00439005	<10m	50
		RE10_03	15:23:04	50.33319550	0.00436923	<10m	50
		RE10_04	15:23:04	50.33316510	0.00434840	<10m	50
		RE10_05	15:23:04	50.33313470	0.00432758	<10m	50
24/03/18	20	RE11_01	15:50:11	50.29867000	0.04970830	<10m	47
		RE11_02	15:50:11	50.29867835	0.04983910	<10m	47
		RE11_03	15:50:11	50.29868253	0.04990450	<10m	47
		RE11_04	15:50:11	50.29868670	0.04996990	<10m	47
		RE11_05	15:50:11	50.29869088	0.05003530	<10m	47
24/03/18	21	RE12_01	16:15:48	50.27763170	0.09744830	<10m	43
		RE12_02	16:15:48	50.27765590	0.09771080	<10m	43
		RE12_03	16:15:48	50.27766800	0.09784205	<10m	43
		RE12_04	16:15:48	50.27768010	0.09797330	<10m	43
		RE12_05	16:15:48	50.27769220	0.09810455	<10m	43
24/03/18	22	RE13_01	16:44:01	50.26472500	0.16173170	<10m	40
		RE13_02	16:44:01	50.26477500	0.16191204	<10m	40
		RE13_03	16:44:01	50.26480000	0.16200221	<10m	40
		RE13_04	16:44:01	50.26482500	0.16209238	<10m	40
		RE13_05	16:44:01	50.26485000	0.16218255	<10m	40
		RE13_06	16:44:01	50.26487500	0.16227272	<10m	40
		RE13_07	16:44:01	50.26490000	0.16236289	<10m	40
		RE13_08	16:44:01	50.26492500	0.16245306	<10m	40
		RE13_09	16:44:01	50.26495000	0.16254323	<10m	40
		RE13_10	16:44:01	50.26497500	0.16263340	<10m	40
		RE13_11	16:44:01	50.26500000	0.16272357	<10m	40
24/03/18	23	RE14_01	17:16:06	50.24297000	0.23076830	<10m	42

Date	Sampling station	Image code	Fix Time (hh:mm:ss)	Latitude (DecDeg)	Longitude (DecDeg)	Positional Accuracy	Depth
		RE14_02	17:16:06	50.24302066	0.23097430	<10m	42
		RE14_03	17:16:06	50.24304599	0.23107730	<10m	42
		RE14_04	17:16:06	50.24307132	0.23118030	<10m	42
		RE14_05	17:16:06	50.24309665	0.23128330	<10m	42
24/03/18	24	RE15_01	17:41:37	50.20957330	0.26050330	<10m	40
		RE15_02	17:41:37	50.20980830	0.26134495	<10m	40
		RE15_03	17:41:37	50.20992580	0.26176578	<10m	40
		RE15_04	17:41:37	50.21004330	0.26218660	<10m	40
		RE15_05	17:41:37	50.21016080	0.26260743	<10m	40
		RE15_06	17:41:37	50.21027830	0.26302825	<10m	40
		RE15_07	17:41:37	50.21039580	0.26344908	<10m	40
24/03/18	25	RE16_01	18:23:12	50.18005000	0.36192170	<10m	39
		RE16_02	18:23:12	50.18013777	0.36221617	<10m	39
		RE16_03	18:23:12	50.18018165	0.36236340	<10m	39
		RE16_04	18:23:12	50.18022553	0.36251063	<10m	39
24/03/18	26	RE17_01	18:45:22	50.16738830	0.40389670	<10m	37
		RE17_02	18:45:22	50.16764270	0.40477450	<10m	37
		RE17_03	18:45:22	50.16776990	0.40521340	<10m	37
24/03/18	27	RE18_01	19:11:33	50.15191170	0.44736000	<10m	36
		RE18_02	19:11:33	50.15224670	0.44879500	<10m	36
		RE18_03	19:11:33	50.15241420	0.44951250	<10m	36
		RE18_04	19:11:33	50.15258170	0.45023000	<10m	36
24/07/17	28	FR08_01	11:51:00	50.11560060	0.59445300	<10m	33
		FR08_02	11:51:00	50.11560060	0.59408820	<10m	33
		FR08_03	11:51:00	50.11560060	0.59390580	<10m	33
		FR08_04	11:51:00	50.11560060	0.59372340	<10m	33
		FR08_05	11:51:00	50.11560060	0.59354100	<10m	33
		FR08_06	11:51:00	50.11560060	0.59335860	<10m	33
26/09/17	29	FR17_01	11:20:00	50.09439850	0.67763200	<10m	31.8
		FR17_02	11:20:00	50.09439850	0.67793800	<10m	31.8
		FR17_03	11:20:00	50.09439850	0.67809100	<10m	31.8
		FR17_04	11:20:00	50.09439850	0.67824400	<10m	31.8

Date	Sampling station	Image code	Fix Time (hh:mm:ss)	Latitude (DecDeg)	Longitude (DecDeg)	Positional Accuracy	Depth
26/09/17	30	FR18_01	10:43:00	50.07279970	0.74599300	<10m	28.9
		FR18_02	10:43:00	50.07287906	0.74611300	<10m	28.9
		FR18_03	10:43:00	50.07291874	0.74617300	<10m	28.9
		FR18_04	10:43:00	50.07295842	0.74623300	<10m	28.9
		FR18_05	10:43:00	50.07299810	0.74629300	<10m	28.9
		FR18_06	10:43:00	50.07303778	0.74635300	<10m	28.9
26/09/17	31	FR19_01	13:14:00	50.05720140	0.80175500	<10m	30.1
		FR19_02	13:14:00	50.05715180	0.80115350	<10m	30.1
		FR19_03	13:14:00	50.05712700	0.80085275	<10m	30.1
		FR19_04	13:14:00	50.05710220	0.80055200	<10m	30.1
		FR19_05	13:14:00	50.05707740	0.80025125	<10m	30.1
26/09/17	32	FR20_01	13:35:00	50.03329850	0.84425700	<10m	29.5
		FR20_01	13:35:00	50.03329850	0.84425700	<10m	29.5
		FR20_01	13:35:00	50.03329850	0.84425700	<10m	29.5
		FR20_01	13:35:00	50.03329850	0.84425700	<10m	29.5
		FR20_01	13:35:00	50.03329850	0.84425700	<10m	29.5
26/09/17	33	FR21_01	16:09:00	49.98669820	0.92939700	<10m	28.2
		FR21_02	16:09:00	49.98674780	0.92940700	<10m	28.2
		FR21_03	16:09:00	49.98677260	0.92941200	<10m	28.2
		FR21_04	16:09:00	49.98679740	0.92941700	<10m	28.2
		FR21_05	16:09:00	49.98682220	0.92942200	<10m	28.2
26/09/17	34	FR22_01	16:40:00	49.95180130	0.99400800	<10m	15.7
		FR22_02	16:40:00	49.95206830	0.99426000	<10m	15.7
		FR22_03	16:40:00	49.95220180	0.99438600	<10m	15.7
		FR22_04	16:40:00	49.95233530	0.99451200	<10m	15.7
26/09/17	35	FR23_01	17:01:00	49.92549900	1.02155010	<10m	10.2
		FR23_02	17:01:00	49.92559820	1.02184515	<10m	10.2
		FR23_03	17:01:00	49.92564780	1.02199268	<10m	10.2
		FR23_04	17:01:00	49.92569740	1.02214020	<10m	10.2
		FR23_05	17:01:00	49.92574700	1.02228773	<10m	10.2
26/09/17	36	FR01_01	07:46:00	49.93529890	1.07112000	<10m	7.1
		FR01_02	07:46:00	49.93529890	1.07144010	<10m	7.1

Date	Sampling station	Image code	Fix Time (hh:mm:ss)	Latitude (DecDeg)	Longitude (DecDeg)	Positional Accuracy	Depth
		FR01_03	07:46:00	49.93529890	1.07160015	<10m	7.1
26/09/17	37	FR02_01	08:02:00	49.94900130	1.06153000	<10m	10.3
		FR02_02	08:02:00	49.94900130	1.06231000	<10m	10.3
		FR02_03	08:02:00	49.94900130	1.06270000	<10m	10.3
26/09/17	38	FR03_01	08:26:00	49.97660060	1.03961000	<10m	17.2
		FR03_02	08:26:00	49.97650140	1.03847000	<10m	17.2
		FR03_03	08:26:00	49.97645180	1.03790000	<10m	17.2
26/09/17	39	FR04_01	08:43:00	49.99929810	1.01630000	<10m	21.2
		FR04_02	08:43:00	49.99944690	1.01696505	<10m	21.2
		FR04_03	08:43:00	49.99952130	1.01729758	<10m	21.2
		FR04_04	08:43:00	49.99959570	1.01763010	<10m	21.2
		FR04_05	08:43:00	49.99967010	1.01796263	<10m	21.2
26/09/17	40	FR05_01	09:10:00	50.03020100	0.96893200	<10m	23.1
		FR05_02	09:10:00	50.03028188	0.96932960	<10m	23.1
		FR05_03	09:10:00	50.03032232	0.96952840	<10m	23.1
		FR05_04	09:10:00	50.03036276	0.96972720	<10m	23.1
		FR05_05	09:10:00	50.03040320	0.96992600	<10m	23.1
		FR05_06	09:10:00	50.03044364	0.97012480	<10m	23.1
26/09/17	41	FR06_01	09:52:00	50.07759860	0.84934800	<10m	26
		FR06_02	09:52:00	50.07779700	0.85012533	<10m	26
		FR06_03	09:52:00	50.07789620	0.85051400	<10m	26
		FR06_04	09:52:00	50.07799540	0.85090267	<10m	26
26/09/17	42	FR07_01	10:20:00	50.09080120	0.77524300	<10m	28.9
		FR07_02	10:20:00	50.09086987	0.77564500	<10m	28.9
		FR07_03	10:20:00	50.09090420	0.77584600	<10m	28.9
		FR07_04	10:20:00	50.09093853	0.77604700	<10m	28.9

B. SAMPLE PHOTOGRAPHS

B.1. BENTHIC GRAB PHOTOGRAPHS

Sampling Station 1 (UK)

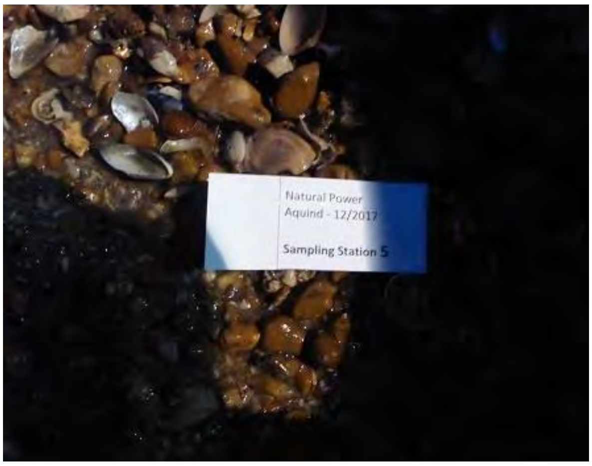
Sampling Station 2

Sampling Station 3

Sampling Station 4

Sampling Station 5

Sampling Station 6



Sampling Station 7

No Sample Collected (hard rock)

Sampling Station 8

Sampling Station 9

Sampling Station 10

Sampling Station 11

Sampling Station 12

Sampling Station 13

Sampling Station 14

Sampling Station 15

Sampling Station 16

Sampling Station 17

Sampling Station 18

Sampling Station 19

Sampling Station 20

Sampling Station 21

No Sample Taken (potential Annex I reef)

Sampling Station 22

Sampling Station 23

Sampling Station 24

Sampling Station 25

Sampling Station 26

Sampling Station 27

Sampling Station 28

Sampling Station 29

Sampling Station 30

Sampling Station 31

Sampling Station 32

Sampling Station 33

Sampling Station 34

Sampling Station 35

Sampling Station 36

Sampling Station 37

Sampling Station 38

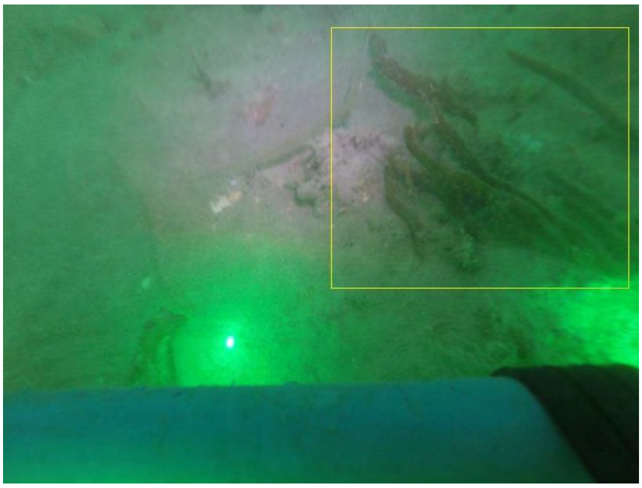
Sampling Station 39

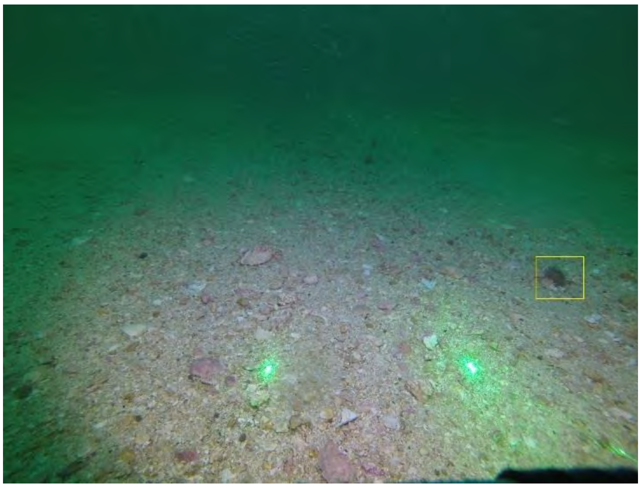
Sampling Station 40

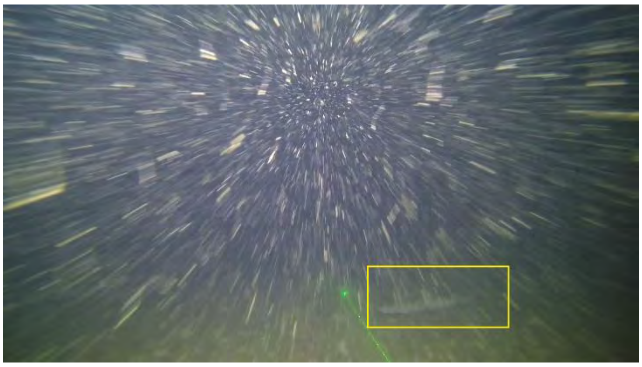
Sampling Station 41

Sampling Station 42

B.2. DDV REFERENCE COLLECTION PHOTOGRAPHS

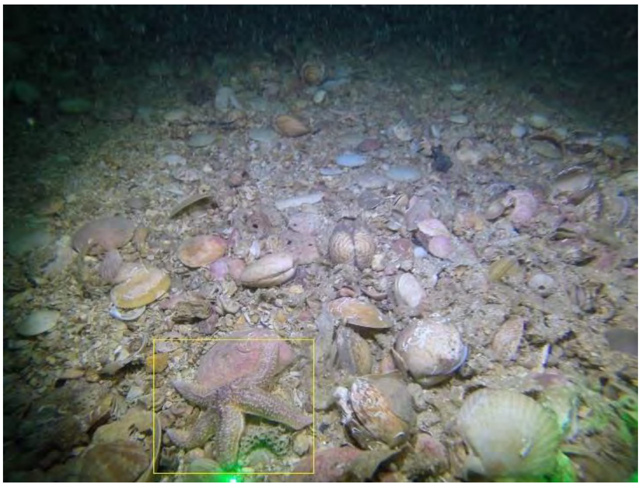

Aclyonidium – Station 36

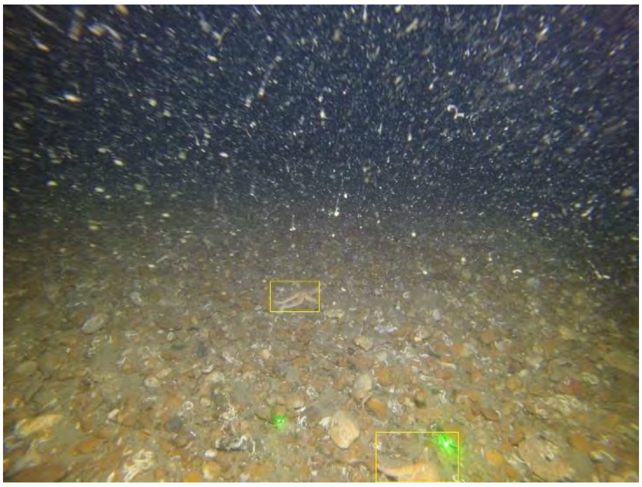

Actiniaria – Station 41


Actinopterygii


Aequipecten opercularis


***Alcyonium digitatum* – Station 30**


***Asterias rubens* – Station 39**

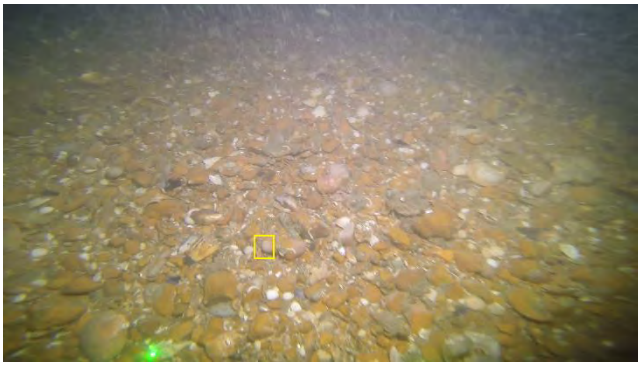

Asteroidea


Asterpecten – Station 30


Balanomorpha

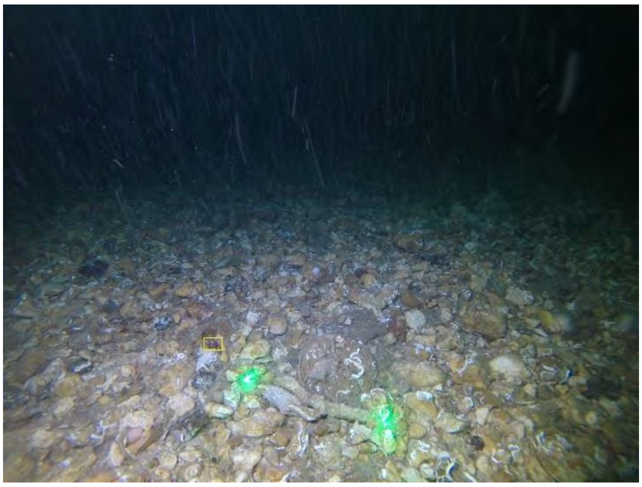

Bivalvia – Station 39

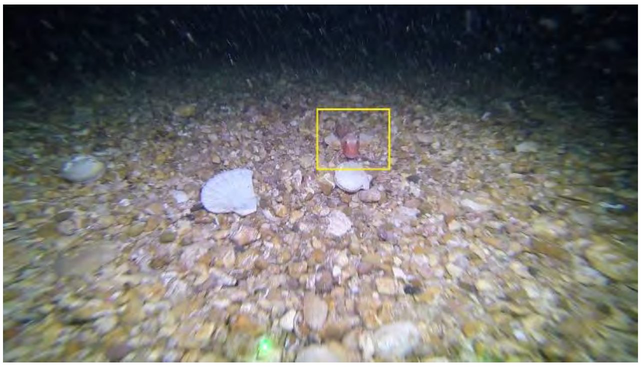

Brachyura – Station 14


Bryozoa


Buccinidae – Station 33

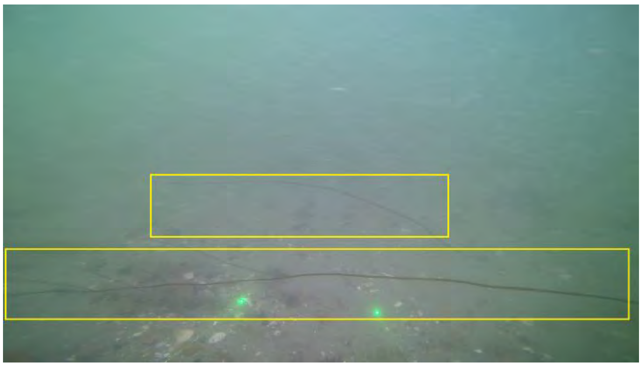

Calliostoma – Station 14


Ceriantharia


Chelidonichthyes cuculus

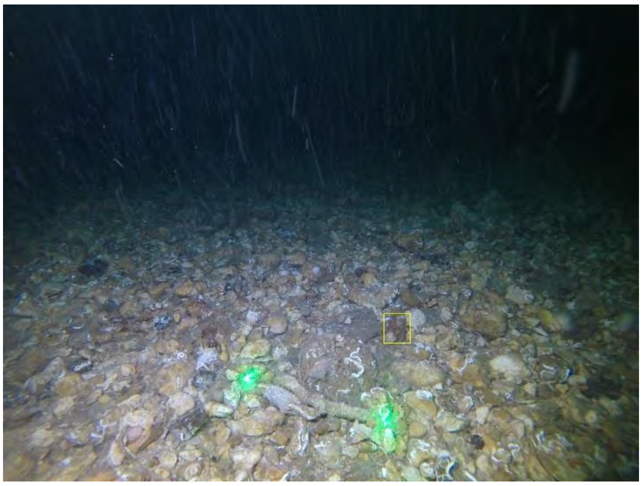

Chlorophyceae – Station 1


Chorallinaceae – Station 40

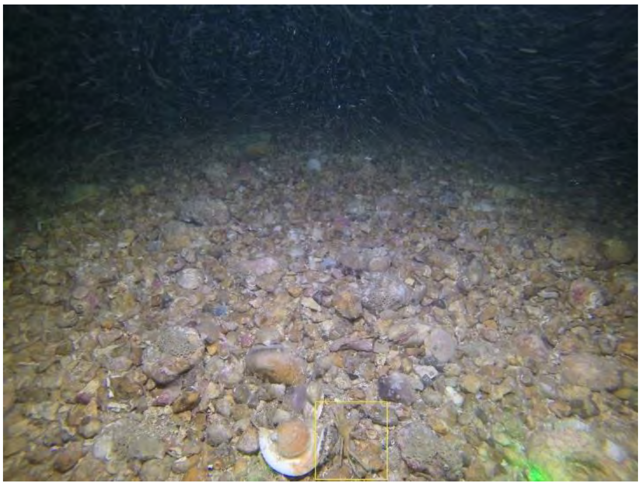


Chorda filum

Crepidula fornicata – Station 37

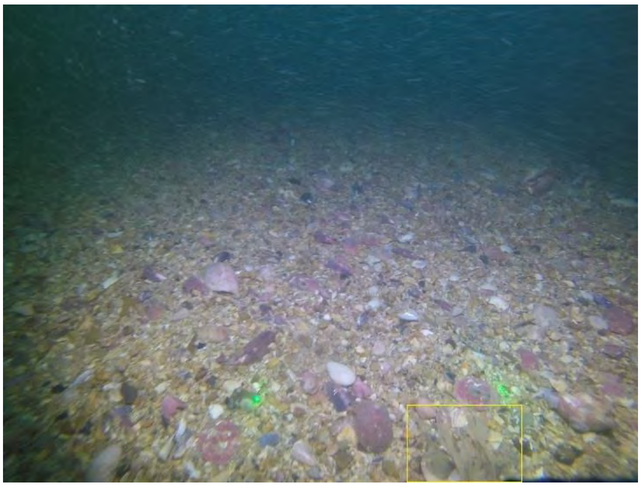


Crinoidea

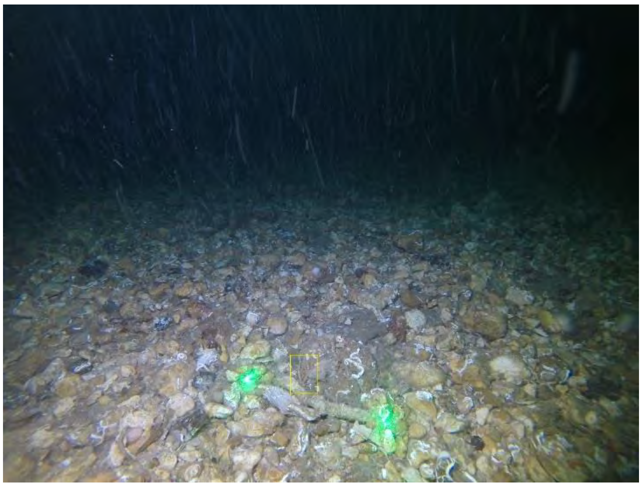


Crustacea

Echinoidea



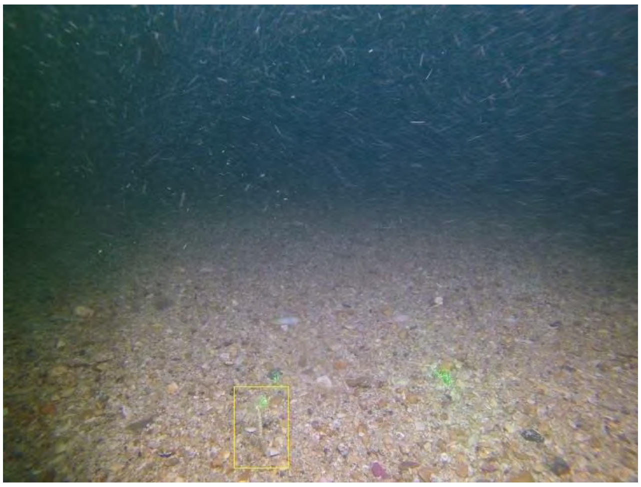
Flustridae – Station 37



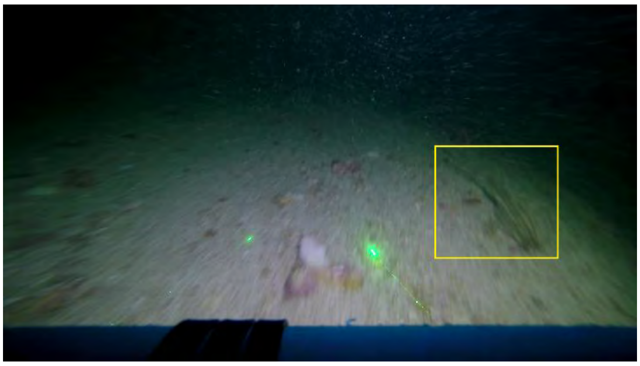
Galatheidae

Gobiidae – Station 14

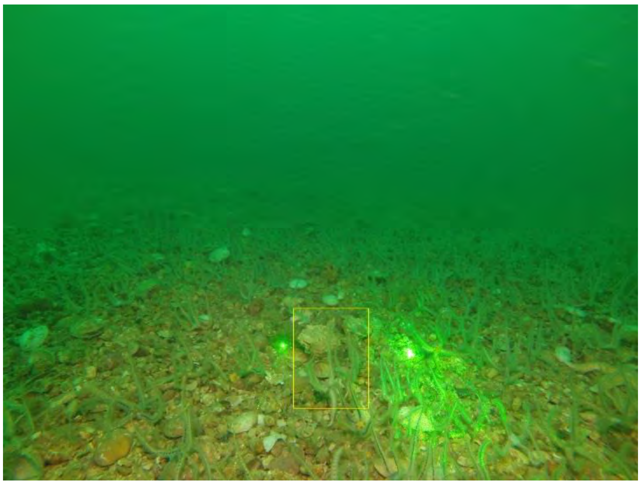
Hydrozoa



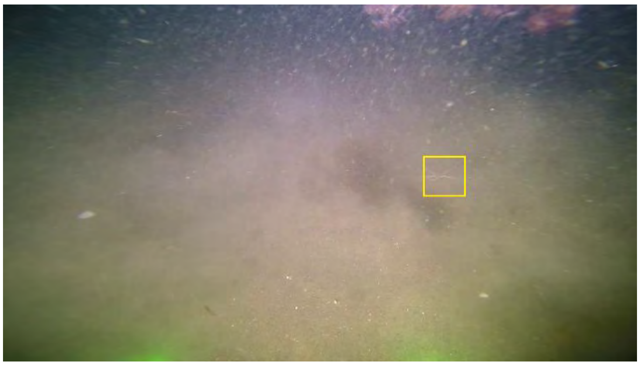
Lanice – Station 38



Nemertesia



Ophiothrix – Station 30



Ophiuroidea

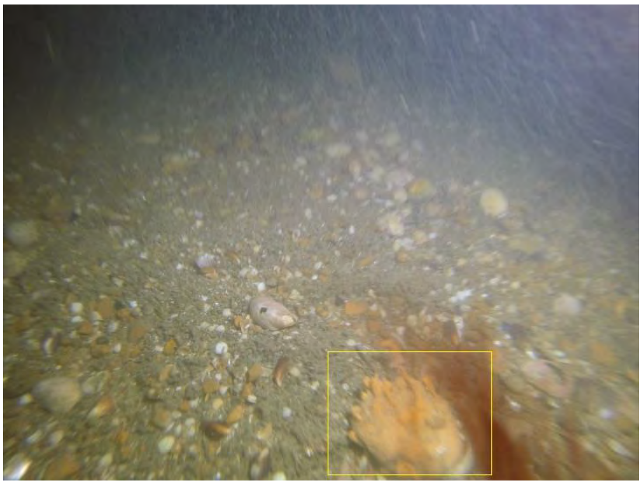
Paguridae – Station 9

Pecten maximus

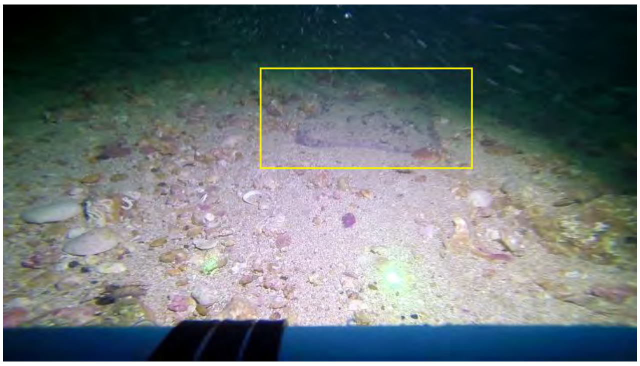
Phaeophyceae – Station 1

Pleuronectiformes – Station 37

Polychaete – Station 28


Porifera

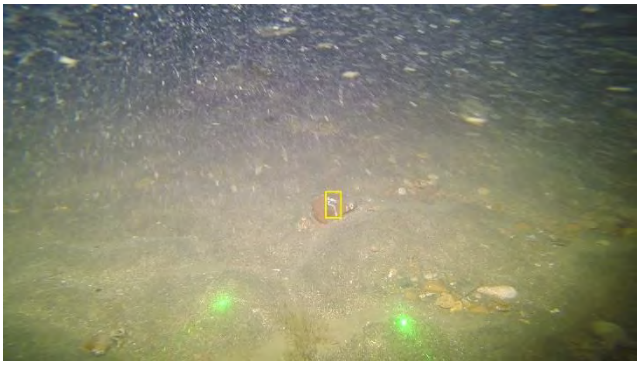

Psammechins – Station 28


Rajiformes


Rhodophyceae – Station 1

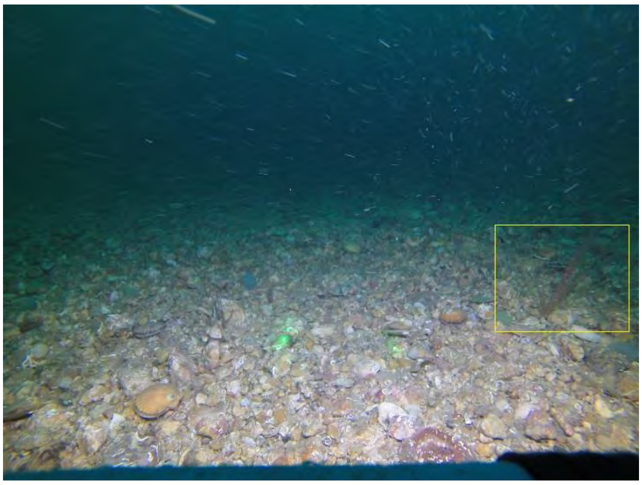

Scyliorhinidae


Sepia



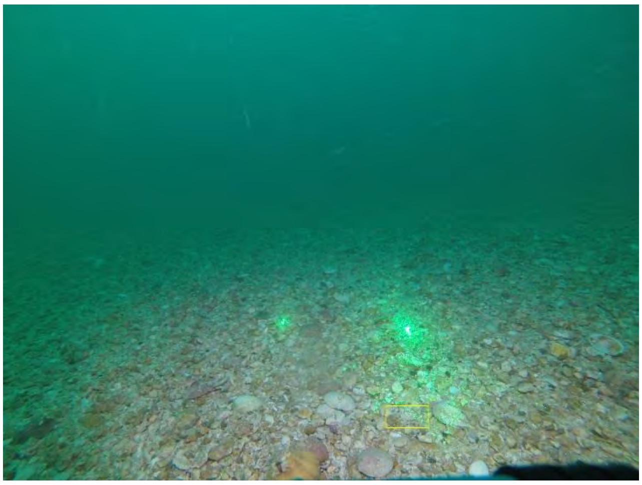
Serpulidae – Station 9

Solaster



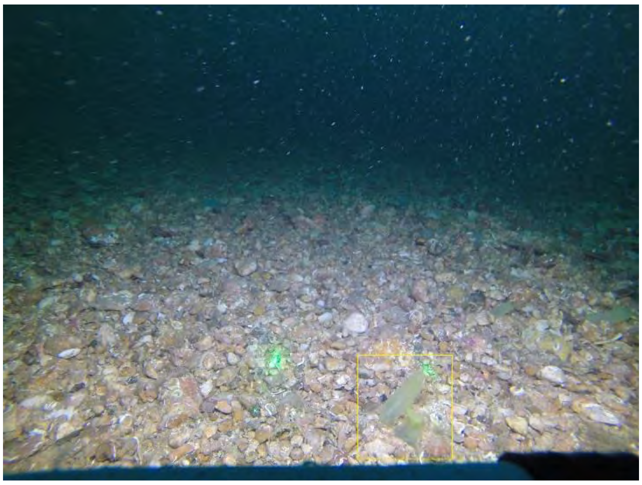
Species B

Possible Maërl – Station 40

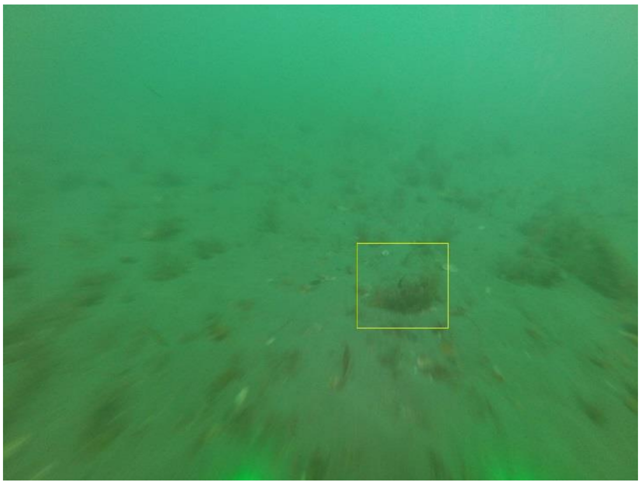


Possible Maërl – Station 42

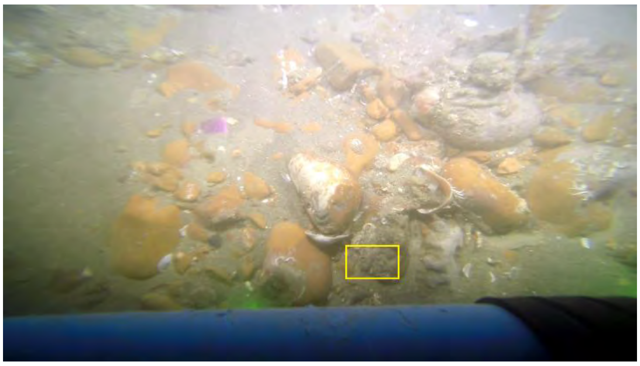
Triglidae



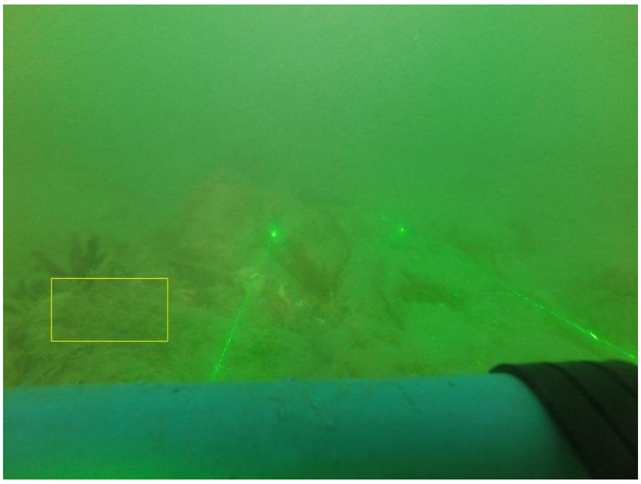
Tunicata



U.algae

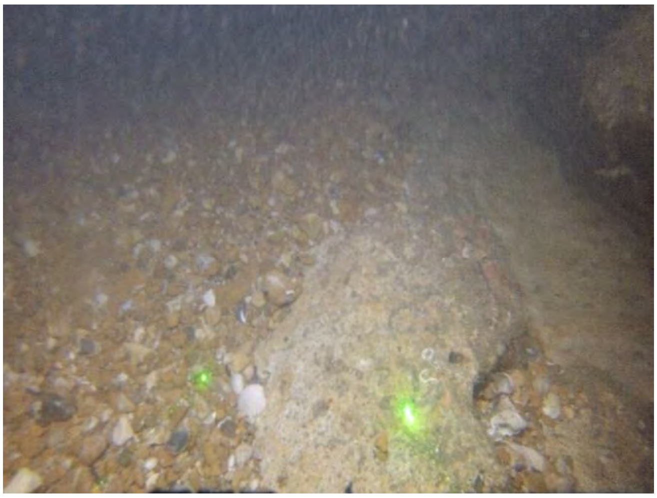


U.encrusting fauna – Station 5



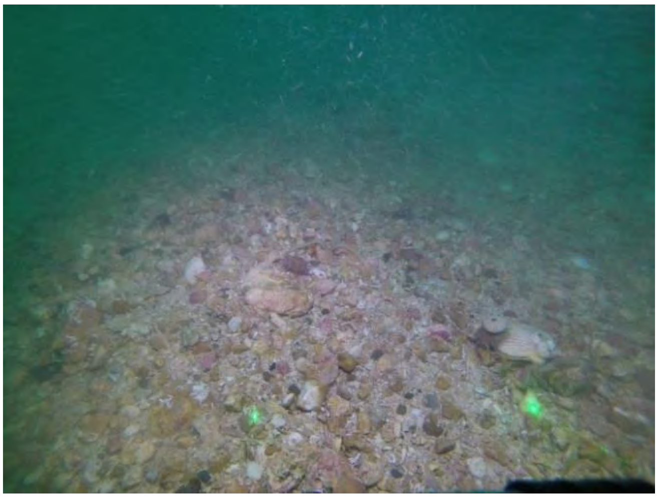
U.faunal turf – Station 36

B.3. DDV BIOTOPE PHOTOGRAPHS

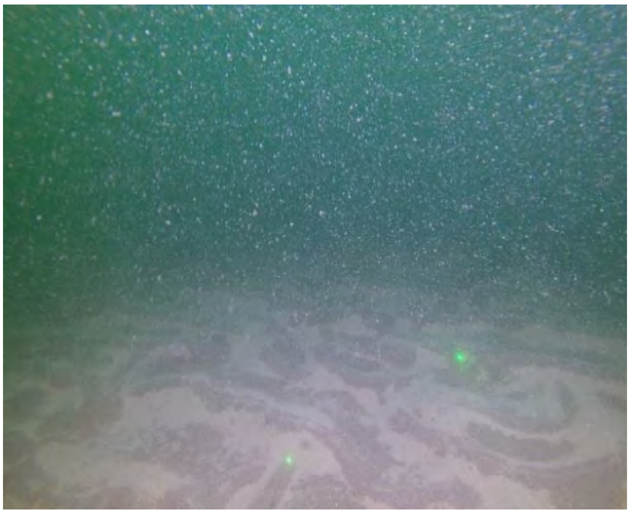


CR.MCR

SS.SCS.CCS



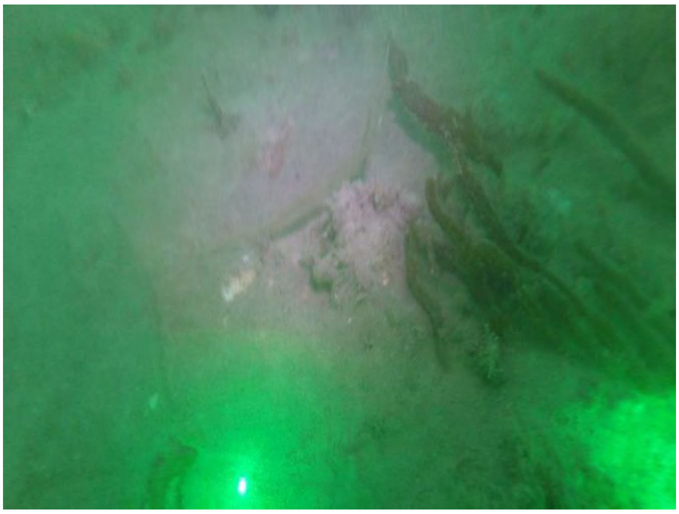
SS.SCS.OCS



SS.SSa.IMuSa

SS.SSa.IFiSa

SS.SMx.IMx




SS.SMx.CMx **SS.SMx.CMx.OphMx**

C. SIMPER OUTPUT

Similarity Percentages - species contributions

One-Way Analysis

Parameters

Resemblance: S17 Bray Curtis similarity

Cut off for low contributions: 90.00%

Group a

Less than 2 samples in group

Group b

Less than 2 samples in group

Group c

Average similarity: 20.72

Species	Av.Abund	Av.Sim	Contrib%	Cum.%
Echinocyamus pusillus	3.29	5.76	27.79	27.79
Glycera lapidum (A)	1.3	3.43	16.55	44.34
Ampelisca spinipes	1.1	1.64	7.9	52.24
Schizomavella	0.67	1.59	7.7	59.94
Electra pilosa	0.5	1.23	5.96	65.9
Escharella immersa	0.5	0.89	4.28	70.18
Pisidia longicornis	0.74	0.88	4.25	74.43
Leptochiton cancellatus	0.69	0.77	3.7	78.13
Laonice bahusiensis	0.5	0.65	3.12	81.25
Lumbrineris cingulata (c.f.)	0.62	0.63	3.05	84.3
Nemertea	0.57	0.63	3.05	87.35
Notomastus	0.4	0.32	1.56	88.91
Sabellaria spinulosa	0.57	0.32	1.54	90.45

Group d

Average similarity: 36.60

Species	Av.Abund	Av.Sim	Contrib%	Cum.%
Spirobranchus lamarcki	4.37	7.21	19.71	19.71
Gibbula tumida	1.57	2.73	7.45	27.16
Sabellaria spinulosa	1.57	2.73	7.45	34.61
Spirobranchus triqueter	3.87	2.73	7.45	42.06
Abludomelita obtusata	1	1.93	5.27	47.32
Amphipholis squamata	2.37	1.93	5.27	52.59
Crepidula fornicata	1.21	1.93	5.27	57.86
Golfingia (Golfingia) vulgaris	1.21	1.93	5.27	63.13
Loxosomella phascolosomata	1	1.93	5.27	68.39

Lumbrineris cingulata (c.f.)	1.21	1.93	5.27	73.66
Notomastus	1	1.93	5.27	78.93
Oncousoecia dilatans	1	1.93	5.27	84.2
Phoronis	1.37	1.93	5.27	89.46
Pisidia longicornis	1.21	1.93	5.27	94.73

Group e

Less than 2 samples in group

Group f

Average similarity: 40.40

Species	Av.Abund	Av.Sim	Contrib%	Cum.%
Spirobranchus triqueter	2.65	2.91	7.2	7.2
Amphipholis squamata	1.39	2.41	5.97	13.18
Chorizopora brongniartii	1	1.99	4.92	18.09
Escharella immersa	1	1.99	4.92	23.01
Escharella ventricosa	1	1.99	4.92	27.93
Glycera lapidum (A)	1.18	1.99	4.92	32.85
Hippothoa divaricata	1	1.99	4.92	37.77
Microporella ciliata	1	1.99	4.92	42.69
Nemertea	1	1.99	4.92	47.6
Oncousoecia dilatans	1	1.99	4.92	52.52
Reptadeonella violacea	1	1.99	4.92	57.44
Rhynchozoon bispinosum	1	1.99	4.92	62.36
Schizomavella	1	1.99	4.92	67.28
Laonice bahusiensis	1.48	1.61	4	71.27
Disporella hispida	0.75	1.08	2.68	73.96
Escharella variolosa	0.75	1.08	2.68	76.64
Notomastus	0.96	1.07	2.66	79.29
Syllis armillaris	1.04	1.05	2.59	81.88
Pisidia longicornis	1.04	1.04	2.58	84.47
Dipolydora saintjosephi	0.93	0.59	1.46	85.93
Lumbrineris cingulata (c.f.)	0.71	0.39	0.97	86.89
Diplocirrus stopbowitzi	0.6	0.34	0.85	87.74
Harmothoe impar (A)	0.6	0.34	0.85	88.59
Anthura gracilis	0.5	0.34	0.84	89.43
Sabellaria spinulosa	0.5	0.34	0.84	90.27

Group g

Average similarity: 49.19

Species	Av.Abund	Av.Sim	Contrib%	Cum.%
Spirobranchus triqueter	4.27	6.01	12.22	12.22
Nephasoma (Nephasoma) minutum	2.89	4.92	10	22.22
Nematoda	1.29	2.02	4.11	26.32
Disporella hispida	1	1.87	3.81	30.13

Escharella immersa	1	1.87	3.81	33.95
Eunice vittata	1.1	1.87	3.81	37.76
Folliculinidae	1	1.87	3.81	41.57
Porifera	1	1.87	3.81	45.38
Reptadeonella violacea	1	1.87	3.81	49.19
Rhynchozoon bispinosum	1	1.87	3.81	53
Schizomavella	1	1.87	3.81	56.82
Sertularia	1	1.87	3.81	60.63
Serpulidae (D)	1.88	1.58	3.21	63.84
Syllis armillaris	1.06	1.32	2.68	66.52
Amphipholis squamata	1.1	1.16	2.36	68.88
Lepidonotus squamatus	0.93	1.02	2.07	70.94
Lysidice ninetta	1.31	0.99	2.01	72.96
Escharella ventricosa	0.75	0.93	1.9	74.85
Laonice bahusiensis	0.85	0.93	1.9	76.75
Leptochiton cancellatus	0.75	0.93	1.9	78.64
Lumbrineris cingulata (c.f.)	0.85	0.93	1.9	80.54
Chorizopora brongniartii	0.75	0.87	1.78	82.32
Corallinaceae	0.75	0.87	1.78	84.1
Microporella ciliata	0.75	0.87	1.78	85.87
Epizoanthus couchii	1.05	0.48	0.98	86.85
Dipolydora (D)	1.25	0.45	0.91	87.77
Alcyonium digitatum	0.5	0.35	0.71	88.47
Glycera lapidum (A)	0.6	0.35	0.71	89.18
Hippothoa divaricata	0.5	0.35	0.71	89.88
Pyripora catenularia	0.5	0.35	0.71	90.59

Group h

Average similarity: 45.88

Species	Av.Abund	Av.Sim	Contrib%	Cum.%
Dipolydora saintjosephi	5.49	4.32	9.43	9.43
Syllis armillaris	4.52	4.11	8.97	18.39
Spirobranchus triqueter	4.29	2.67	5.82	24.21
Lepidonotus squamatus	2.85	2.11	4.6	28.81
Amphipholis squamata	2.58	1.89	4.11	32.92
Nemertea	1.87	1.63	3.56	36.49
Nephasoma (Nephasoma) minutum	2.09	1.63	3.56	40.05
Pseudopotamilla	2.8	1.63	3.56	43.61
Harmothoe impar (A)	1.57	1.33	2.91	46.52
Alcyonium digitatum	1	0.94	2.06	48.58
Anthura gracilis	1.91	0.94	2.06	50.63
Chorizopora brongniartii	1	0.94	2.06	52.69
Corallinaceae	1	0.94	2.06	54.75
Disporella hispida	1	0.94	2.06	56.8
Emarginula fissura	1.21	0.94	2.06	58.86
Escharella immersa	1	0.94	2.06	60.92

Eunice vittata	1	0.94	2.06	62.98
Eusyllis blomstrandi	1.21	0.94	2.06	65.03
Flustra foliacea	1	0.94	2.06	67.09
Folliculinidae	1	0.94	2.06	69.15
Glycera lapidum (A)	1.37	0.94	2.06	71.2
Hagiosynodos latus	1	0.94	2.06	73.26
Janira maculosa	1	0.94	2.06	75.32
Leptochiton cancellatus	1	0.94	2.06	77.37
Malmgrenia arenicolae	1	0.94	2.06	79.43
Nematoda	1.5	0.94	2.06	81.49
Oncousoecia dilatans	1	0.94	2.06	83.54
Psammechinus miliaris	1.37	0.94	2.06	85.6
Pseudomystides limbata	1	0.94	2.06	87.66
Reptadeonella violacea	1	0.94	2.06	89.72
Rhynchozoon bispinosum	1	0.94	2.06	91.77

Group i

Average similarity: 35.75

Species	Av.Abund	Av.Sim	Contrib%	Cum.%
Nematoda	2.24	3.86	10.78	10.78
Nephasoma (Nephasoma) minutum	1.38	3.57	9.99	20.77
Eunice vittata	1.28	3.56	9.94	30.71
Disporella hispida	1	3.12	8.73	39.45
Escharella immersa	1	3.12	8.73	48.18
Rhynchozoon bispinosum	1	3.12	8.73	56.92
Schizomavella	1	3.12	8.73	65.65
Lumbrineris cingulata (c.f.)	1.15	1.73	4.84	70.49
Spirobranchus triqueter	0.94	1.47	4.13	74.62
Glycera lapidum (A)	1.05	1.41	3.96	78.58
Notomastus	1.05	1.41	3.96	82.53
Amphipholis squamata	0.91	1.08	3.02	85.55
Laonice bahusiensis	1.22	1.08	3.02	88.57
Aequipecten opercularis	0.67	1.04	2.92	91.49

Group j

Average similarity: 29.67

Species	Av.Abund	Av.Sim	Contrib%	Cum.%
Glycera lapidum (A)	1.63	3.05	10.27	10.27
Psammechinus miliaris	1.82	2.6	8.78	19.05
Serpulidae (D)	1.28	2.27	7.63	26.68
Golfingia (Golfingia) elongata	1.38	2.26	7.63	34.31
Glycera oxycephala	1.14	2.03	6.82	41.14
Reptadeonella violacea	1	2.03	6.82	47.96
Syllis armillaris	1.48	2.03	6.82	54.79
Polititapes rhomboides	0.94	1.23	4.13	58.92

Eunice vittata	1.41	1.16	3.9	62.82
Pseudopotamilla	1.39	1	3.38	66.2
Amphipholis squamata	0.8	0.87	2.92	69.13
Disporella hispida	0.67	0.87	2.92	72.05
Laonice bahusiensis	1.28	0.87	2.92	74.97
Notomastus	1.05	0.82	2.76	77.73
Spirobranchus triqueter	1.76	0.82	2.76	80.49
Epigamia alexandri	0.91	0.58	1.95	82.44
Eurydice inermis	0.8	0.58	1.95	84.39
Folliculinidae	0.67	0.58	1.95	86.34
Lumbrineris cingulata (c.f.)	1	0.58	1.95	88.3
Ophiothrix fragilis	0.8	0.58	1.95	90.25

Group k

Average similarity: 20.30

Species	Av.Abund	Av.Sim	Contrib%	Cum.%
Notomastus	1.39	2.36	11.62	11.62
Glycera lapidum (A)	0.75	2	9.85	21.47
Nematoda	0.68	1.69	8.3	29.78
Malmgrenia ljungmani	0.95	1.44	7.07	36.85
Nemertea	0.68	1.37	6.74	43.58
Arcopagia crassa	0.63	1.28	6.33	49.91
Othomaera othonis	0.99	1.1	5.4	55.31
Glycera oxycephala	0.7	1.06	5.22	60.53
Amphipholis squamata	1.11	1.05	5.18	65.71
Ophiura albida	0.48	0.8	3.96	69.67
Lumbrineris cingulata (c.f.)	0.63	0.71	3.52	73.19
Laonice bahusiensis	0.38	0.61	2.99	76.18
Glycymeris glycymeris	0.85	0.5	2.45	78.63
Echinocyamus pusillus	0.38	0.48	2.34	80.97
Branchiostoma lanceolatum	0.43	0.42	2.08	83.05
Psammechinus miliaris	0.43	0.4	1.99	85.04
Nototropis vedlomensis	0.5	0.36	1.75	86.79
Chaetozone zetlandica	0.71	0.34	1.69	88.48
Flustra foliacea	0.38	0.34	1.66	90.14

Group l

Average similarity: 21.47

Species	Av.Abund	Av.Sim	Contrib%	Cum.%
Jasmineira schaudinni	3.81	4.22	19.66	19.66
Ampelisca diadema	15.52	3.19	14.86	34.52
Amphipholis squamata	2.22	2.26	10.51	45.02
Nephtys kersivalensis	1.73	1.95	9.1	54.12
Pisidia longicornis	2.45	1.95	9.1	63.22
Abra alba	2.37	1.13	5.25	68.48

Actiniaria	2.23	1.13	5.25	73.73
Ampharete lindstroemi (A)	2.37	1.13	5.25	78.99
Lanice conchilega	1	1.13	5.25	84.24
Nemertea	1	1.13	5.25	89.49
Notomastus	1.5	1.13	5.25	94.75

Group m

Average similarity: 20.18

Species	Av.Abund	Av.Sim	Contrib%	Cum.%
Actiniaria	1.62	3.85	19.07	19.07
Lanice conchilega	1.24	3.46	17.15	36.22
Pedicellina	1	3.46	17.15	53.37
Achelia echinata (A)	1.05	2.34	11.61	64.97
Amphicteis midas	0.67	1.66	8.21	73.18
Caulleriella alata	0.8	0.94	4.65	77.83
Leiochone	0.67	0.94	4.65	82.48
Sabella pavonina	0.8	0.94	4.65	87.13
Amathia	0.67	0.87	4.29	91.42

D. COMPLETE DATASET

All sample data is presented at the end of the report. This dataset includes the following:

- Particle Size Analysis results;
- Grab fauna results;
- Grab biomass results;
- DDV still form and species identified; and
- DDV video form and species identified.

E. BENTHIC BIOTOPE DESCRIPTIONS

CR.MCR – Moderate Energy Circalittoral Rock

This habitat complex mainly occurs on exposed to moderately wave-exposed circalittoral bedrock and boulders, subject to moderately strong and weak tidal streams. This habitat complex contains a broad range of biotope complexes, from mixed faunal turf to *Sabellaria* reefs and circalittoral mussel beds (Connor *et al*., 2004).

SS.SCS.CCS – Circalittoral Coarse Sediment

Tide-swept circalittoral coarse sands, gravel and shingle generally in depths of over 15-20 m. This habitat, as with shallower coarse sediments, may be characterised by robust infaunal polychaetes, mobile crustacea and bivalves. Certain species of sea cucumber may also be prevalent in these areas along with the lancelet *Branchiostoma lanceolatum* (Connor *et al*., 2004).

SS.SCS.CCS.MedLumVen - *Mediomastus fragilis*, *Lumbrineris* spp. and venerid bivalves in circalittoral coarse sand or gravel

Circalittoral gravels, coarse to medium sands, and shell gravels, sometimes with a small amount of silt and generally in relatively deep water over 15-20 m. May be characterised by polychaetes such as *Mediomastus fragilis*, *Lumbrineris* spp., *Glycera lapidum* with the pea urchin *Echinocyamus pusillus*. Other taxa may include Nemertea spp., *Protodorvillea kefersteini*, *Owenia fusiformis*, *Spiophanes bombyx* and *Amphipholis squamata* along with amphipods such as *Ampelisca spinipes*. This biotope may also be characterised by the presence of conspicuous venerid bivalves, particularly *Timoclea ovata*. Other robust bivalve species such as *Moerella* spp., *Glycymeris glycymeris* and *Astarte sulcata* may also be found. *Spatangus purpureus* may be present especially where the interstices of the gravel are filled by finer particles, in which case, *Gari tellinella* may also be prevalent (Connor *et al*., 2004).

SS.SCS.OCS – Offshore (deep) Circalittoral Coarse Sediments

Offshore (deep) circalittoral habitats with coarse sands and gravel or shell. This habitat may cover large areas of the offshore continental shelf. Habitats are quite diverse compared to shallower versions of this habitat and are generally characterised by robust infaunal polychaete and bivalve species. Animal communities are closely related to offshore mixed sediments and may occasionally have large numbers of juvenile *M. Modiolus*. In areas where the mussels reach maturity their byssus threads bind the sediment together, increasing stability and allowing an increased deposition of silt (Connor *et al*., 2004).

SS.SSa.IFiSa - Infralittoral fine sand

Clean sands which occur in shallow water, either on the open coast or in tide-swept channels of marine inlets. The habitat typically lacks a significant seaweed component and is characterised by robust fauna, particularly amphipods (Bathyporeia) and robust polychaetes including *Nephtys cirrosa* and *Lanice conchilega*.

SS.SSa.IFiSa.IMoSa - Infralittoral Mobile Clean Sand with Sparse Fauna

Medium to fine sandy sediment in shallow water, often formed into dunes on exposed or tide-swept coasts. Often contains very little infauna due to the mobility of the substratum. Some opportunistic populations of infaunal amphipods may occur, particularly in less mobile examples in conjunction with low numbers of mysids such as *Gastrosaccus spinifer*, the polychaete *Nephtys cirrosa* and the isopod *Eurydice pulchra*. Sand eels *Ammodytes* sp. may occasionally be observed in association with this biotope (and others). Common epifaunal species such as *Pagurus bernhardus, Liocarcinus depurator, Carcinus maenas* and *Asterias rubens* may be encountered and are the most conspicuous species present (Connor *et al*., 2004).

SS.SSa.IMuSa – Infralittoral Muddy Sand

Non-cohesive muddy sand (with 5 % to 20 % silt/clay) in the infralittoral zone, extending from the extreme lower shore down to more stable circalittoral zone at about 15-20 m. The habitat supports a variety of animal-dominated communities, particularly polychaetes (*Magelona mirabilis, Spiophanes bombyx* and *Chaetozone setosa*), bivalves (*Fabulina fibula* and *Chamelea gallina*) and the urchin *Echinocardium cordatum* (Connor *et al*., 2004).

SS.SMx.IMx – Infralittoral Mixed Sediments

Shallow mixed (heterogeneous) sediments in fully marine or near fully marine conditions, supporting various animal-dominated communities, with relatively low proportions of seaweeds. This habitat may include well mixed muddy gravelly sands or very poorly sorted mosaics of shell, cobbles and pebbles embedded in mud, sand or gravel. Due to the quite variable nature of the sediment type, a widely variable array of communities may be found, including those characterised by bivalves, polychaetes and file shells.

SS.SMx.CMx - Circalittoral mixed sediments

Mixed (heterogeneous) sediment habitats in the circalittoral zone (generally below 15-20 m) including well mixed muddy gravelly sands or very poorly sorted mosaics of shell, cobbles and pebbles embedded in or lying upon mud, sand or gravel. Due to the variable nature of the seabed a variety of communities can develop which are often very diverse. A wide range of infaunal polychaetes, bivalves, echinoderms and burrowing anemones such as Cerianthus lloydii are often present in such habitat and the presence of hard substrata (shells and stones) on the surface enables epifaunal species to become established, particularly hydroids such as Nemertesia spp and Hydrallmania falcata. The combination of epifauna and infauna can lead to species rich communities.

SS.SMx.CMx.OphMx - *Ophiothrix fragilis* and/or *Ophiocomina nigra* Brittlestar Beds on Sublittoral Mixed Sediment

Circalittoral sediment dominated by brittlestars (hundreds or thousands m^2) forming dense beds, living epifaunally on boulder, gravel or sedimentary substrata. *Ophiothrix fragilis* and *Ophiocomina nigra* are the main bed-forming species, with rare examples formed by *Ophiopholis aculeate*. Brittlestar beds usually have a patchy internal structure, with localised concentrations of higher animal density. *Ophiothrix fragilis* or *Ophiocomina nigra* may dominate separately or there may be mixed populations of the two species. Unlike brittlestar beds on rock, the sediment-based beds may contain a rich associated epifauna. Large suspension feeders such as the octocoral *Alcyonium digitatum*, the anemone *Metridium senile* and the hydroid *Nemertesia antennina* are present mainly on rock outcrops or boulders protruding above the brittlestar-covered substratum. The large anemone *Urticina feline* may be quite common. Large mobile animals commonly found on Ophiothrix beds include the starfish *Asterias rubens*, *Crossaster papposus* and *Luidia ciliaris*, the urchins *Echinus esculentus* and *Psammechinus miliaris*, edible crabs *Cancer pagurus*, swimming crabs *Necora puber*, *Liocarcinus* spp., and hermit crabs *Pagurus bernhardus*. The underlying sediments also contain a diverse infauna including the bivalve *Abra alba* (Connor *et al*., 2004).

PSA

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1			Sampling station	1	2	3	4	5	6	7	8	9	10	11	12	**13**	**14**	15	16	17
2			Latitude	**50°46.652**	**50°46.184**	**50°44.967**	**50°43.997**	**50°41.798**	**50°39.443**	**50°37.658**	**50°37.207**	**50°36.735**	**50°36.192**	**50°35.114**	**50°32.360**	**50°29.125**	**50°27.700**	**50°25.703**	**50°23.829**	**50°22.745**
3			Longitude	**001°02.119**	**001°02.040**	**001°00.369**	**000°58.228**	**000°53.707**	**000°50.189**	**000°43.491**	**000°38.699**	**000°35.114**	**000°32.972**	**000°28.845**	**000°23.345**	**000°16.706**	**000°14.405**	**000°11.014**	**000°09.131**	**000°06.120**
4	Folk Classification		Folk and Ward Description ->	Very Fine Gravel	Fine Sand	Very Fine Sand	Very Fine Gravel	Coarse Sand	Very Fine Gravel	Very Fine Gravel		Very Fine Gravel	Very Fine Gravel	Coarse Sand	Very Coarse Sand	Very Fine Gravel	Very Coarse Sand	Very Coarse Sand	Very Coarse Sand	Very Coarse Sand
5	Very Coarse Gravel	63.000	63000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	32-64mm	45.000	45000.000	0.000	0.000	0.000	26.090	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.297
7	% very coarse gravel			0.000	0.000	0.000	26.090	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.297
8	Coarse Gravel	31.500	31500.000	0.000	0.000	0.000	15.280	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	16-32mm	22.400	22400.000	8.779	0.000	0.000	9.155	11.455	6.121	0.000		13.424	0.000	0.000	0.000	8.391	0.000	0.000	0.000	6.229
10	% coarse gravel			8.779	0.000	0.000	24.436	11.455	6.121	0.000		13.424	0.000	0.000	0.000	8.391	0.000	0.000	0.000	6.229
11	Medium Gravel 8-16mm	16.000	16000.000	0.000	0.000	0.000	3.797	11.240	13.713	5.112		0.000	9.789	0.000	0.892	1.694	0.000	0.000	0.000	2.726
12		11.200	11200.000	14.352	1.281	6.005	4.437	8.551	13.577	22.090		9.595	18.267	3.611	3.779	8.826	3.082	5.280	3.982	3.439
13	% medium gravel			14.352	1.281	6.005	8.234	19.791	27.290	27.201		9.595	28.056	3.611	4.672	10.520	3.082	5.280	3.982	6.165
14	Fine Gravel 4-8mm	8.000	8000.000	10.012	0.000	7.258	0.774	4.273	10.448	17.393		6.753	10.441	5.889	7.815	10.544	13.424	10.061	14.206	4.879
15		5.600	5600.000	6.787	0.183	3.533	0.759	3.844	10.076	11.826		8.821	7.981	3.421	9.551	10.971	11.008	7.732	8.754	7.371
16	% fine gravel			16.799	0.183	10.792	1.534	8.118	20.524	29.220		15.573	18.422	9.309	17.367	21.515	24.431	17.794	22.960	12.250
17	Very Fine Gravel 2-4mm	4.000	4000.000	6.681	0.264	2.061	0.497	1.679	8.381	5.422		6.340	4.748	2.689	7.126	5.565	7.677	6.959	4.537	6.487
18		2.800	2800.000	4.577	0.137	1.246	0.840	1.588	5.767	5.019		4.151	4.202	2.425	7.788	5.260	6.444	5.232	5.686	5.385
19	% very fine gravel			11.258	0.402	3.307	1.338	3.267	14.148	10.441		10.491	8.950	5.114	14.914	10.825	14.120	12.191	10.224	11.872
20	Very Coarse Sand	2.000	2000.000	3.205	0.219	0.740	0.889	1.209	3.160	3.239		2.572	4.129	1.705	5.937	4.498	5.355	4.065	4.650	4.767
21	1-2mm	1.400	1400.000	2.816	0.280	0.527	0.728	1.625	2.386	2.566		2.439	4.772	1.065	6.113	4.830	5.189	3.728	4.126	5.222
22	% very coarse sand			6.022	0.498	1.267	1.617	2.834	5.547	5.804		5.011	8.901	2.770	12.050	9.328	10.543	7.792	8.776	9.989
23		1.000	1000.000	1.820	0.417	0.397	0.679	1.761	1.982	2.025		1.614	4.585	0.670	4.833	4.447	4.116	2.920	3.469	5.411
24	coarse sand	0.707	707.000	0.022	0.000	10.508	0.945	0.000	3.178	0.026		0.272	0.012	0.002	3.170	4.041	6.776	2.551	1.215	6.717
25	0.5-1mm	0.500	500.000	1.050	0.000	1.369	0.059	0.137	6.273	1.242		3.235	1.250	5.360	10.396	6.713	10.947	10.489	8.008	9.095
26	% coarse sand			2.892	0.417	12.274	1.683	1.899	11.433	3.292		5.121	5.847	6.032	18.398	15.201	21.839	15.960	12.692	21.223
27	medium sand 0.25 - 0.5mm	0.354	354.000	5.821	6.094	0.000	0.026	2.630	6.686	3.740		9.050	4.613	17.945	14.643	8.280	11.674	16.204	14.812	11.599
28		0.250	250.000	12.217	30.207	0.000	1.127	7.734	4.071	5.800		12.822	6.817	21.819	11.115	7.042	7.646	12.514	13.692	8.599
29	% medium sand			18.039	36.301	0.000	1.153	10.363	10.757	9.541		21.871	11.430	39.764	25.758	15.322	19.320	28.718	28.505	20.198
30	fine sand	0.177	177.000	12.352	39.709	0.029	3.929	10.708	1.277	5.748		9.804	5.939	13.425	4.140	3.708	2.624	4.413	6.156	3.010
31	125-250um	0.125	125.000	6.339	19.291	1.004	5.928	9.544	0.188	3.825		3.951	3.544	4.198	0.449	1.085	0.255	0.408	0.979	1.097
32	% fine sand			18.691	59.000	1.033	9.857	20.252	1.465	9.573		13.755	9.483	17.623	4.589	4.792	2.879	4.821	7.135	4.107
33	very fine sand	0.088	88.400	1.008	1.909	2.518	4.729	5.186	0.240	1.420		0.478	1.501	0.752	0.000	0.256	0.187	0.000	0.000	1.113
34	62.5 - 125um	0.063	62.500	0.009	0.010	2.450	1.958	1.584	0.342	0.194		0.035	0.660	1.305	0.033	0.377	0.544	0.196	0.242	0.913
35	% very fine sand			1.017	1.919	4.968	6.687	6.771	0.582	1.615		0.513	2.161	2.057	0.033	0.633	0.731	0.196	0.242	2.026
36	Silt	0.044	44.200	0.000	0.000	2.731	0.493	0.402	0.290	0.054		0.330	0.497	1.760	0.151	0.423	0.445	0.439	0.511	0.643
37		0.031	31.200	0.042	0.000	5.136	0.869	0.799	0.230	0.283		0.485	0.541	1.380	0.173	0.299	0.188	0.488	0.515	0.467
38		0.022	22.100	0.168	0.000	7.732	1.790	1.380	0.205	0.399		0.386	0.583	0.996	0.138	0.215	0.121	0.445	0.383	0.349
39		0.016	15.600	0.224	0.000	8.474	2.202	1.573	0.206	0.386		0.305	0.625	1.058	0.143	0.248	0.215	0.484	0.338	0.319
40		0.011	11.000	0.226	0.000	7.864	2.201	1.599	0.220	0.356		0.340	0.688	1.329	0.206	0.323	0.322	0.622	0.408	0.309
41		0.008	7.810	0.243	0.000	6.886	2.085	1.690	0.232	0.359		0.434	0.754	1.539	0.284	0.378	0.372	0.784	0.519	0.282
42		0.006	5.520	0.293	0.000	6.234	2.060	1.898	0.233	0.388		0.512	0.818	1.635	0.337	0.400	0.380	0.902	0.604	0.254
43		0.004	3.910	0.319	0.000	5.320	1.928	1.937	0.204	0.378		0.500	0.789	1.511	0.325	0.362	0.341	0.873	0.588	0.214
44	% silt			1.514	0.000	50.376	13.627	11.278	1.820	2.603		3.291	5.295	11.208	1.757	2.648	2.386	5.039	3.866	2.838
45	Clay	0.003	2.760	0.313	0.000	4.226	1.635	1.719	0.158	0.322		0.428	0.669	1.223	0.271	0.296	0.278	0.746	0.503	0.176
46		0.002	1.950	0.232	0.000	2.960	1.170	1.246	0.104	0.227		0.280	0.464	0.813	0.168	0.182	0.172	0.477	0.324	0.139
47		0.001	1.380	0.093	0.000	1.850	0.695	0.738	0.051	0.131		0.128	0.257	0.424	0.022	0.058	0.039	0.199	0.142	0.110
48		0.001	0.977	0.000	0.000	0.849	0.244	0.270	0.000	0.029		0.050	0.065	0.052	0.000	0.001	0.000	0.097	0.072	0.088
49		0.001	0.691	0.000	0.000	0.094	0.000	0.000	0.000	0.000		0.136	0.000	0.000	0.000	0.071	0.032	0.188	0.170	0.071
50		0.000	0.488	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.161	0.000	0.000	0.000	0.115	0.101	0.256	0.219	0.059
51		0.000	0.345	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.124	0.000	0.000	0.000	0.090	0.046	0.198	0.163	0.049
52		0.000	0.244	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.046	0.000	0.000	0.000	0.011	0.000	0.050	0.028	0.040
53		0.000	0.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.030
54		0.000	0.122	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.023
55		0.000	0.086	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015
56			<0.086	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.007
57	% clay			0.638	0.000	9.978	3.745	3.972	0.313	0.710		1.354	1.454	2.513	0.462	0.824	0.668	2.210	1.620	0.807
58	TOC			0.476	0.216	2.914	0.596	0.827	0.632	1.009		1.144	1.489	0.818	0.663	0.750	0.651	0.646	0.818	1.715
59																				
60			total (after split)	100.000	100.000	100.000	100.000	100.000	100.000	100.000		100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

	A	B	C	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ
1			Sampling station	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
2			Latitude	50°21.888	50°19.973	50°17.925	50°16.657	50°15.876	50°14.557	50°12.577	50°10.834	50°10.057	50°09.126	50°06.952	50°05.667	50°04.375	50°03.429	50°01.987	49°59.185
3			Longitude	000°03.706	000°00.265	000°03.009	000°05.787	000°09.677	000°13.873	000°15.689	000°21.691	000°24.275	000°26.865	000°35.681	000°40.662	000°44.787	000°48.133	000°50.701	000°55.726
4	Folk Classification		Folk and Ward Description ->	Very Coarse Sand	Very Coarse Sand	Very Coarse Sand	Very Fine Gravel		Very Fine Gravel	Fine Gravel	Very Fine Gravel	Very Fine Gravel	Very Fine Gravel	Very Coarse Sand	Very Coarse Sand	Very Fine Gravel	Very Coarse Sand	Very Coarse Sand	Coarse Sand
5	Very Coarse Gravel	63.000	63000.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	32-64mm	45.000	45000.000	1.820	0.000	0.000	2.792		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7	% very coarse gravel			1.820	0.000	0.000	2.792		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8	Coarse Gravel	31.500	31500.000	0.000	1.515	0.000	0.000		0.000	3.943	0.000	0.000	28.561	0.000	0.000	0.000	0.000	0.000	0.000
9	16-32mm	22.400	22400.000	0.963	0.901	5.534	0.000		0.000	18.136	3.916	0.000	7.792	5.552	0.000	6.310	0.000	2.682	0.000
10	% coarse gravel			0.963	2.416	5.534	0.000		0.000	22.079	3.916	0.000	36.353	5.552	0.000	6.310	0.000	2.682	0.000
11	Medium Gravel 8-16mm	16.000	16000.000	0.282	0.000	3.247	2.875		2.683	6.433	0.000	7.459	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12		11.200	11200.000	7.121	5.194	8.366	4.102		11.618	11.094	10.853	13.748	0.000	4.935	2.800	4.262	5.241	7.019	5.261
13	% medium gravel			7.403	5.194	11.612	6.977		14.301	17.527	10.853	21.207	0.000	4.935	2.800	4.262	5.241	7.019	5.261
14	Fine Gravel 4-8mm	8.000	8000.000	12.321	9.029	9.473	11.558		13.998	10.270	16.276	13.476	3.356	8.122	3.909	13.015	13.366	13.298	3.508
15		5.600	5600.000	9.499	8.111	6.956	13.267		10.638	10.555	7.199	9.104	3.722	4.897	4.359	8.646	9.016	7.099	4.383
16	% fine gravel			21.821	17.140	16.429	24.826		24.636	20.825	23.475	22.580	7.078	13.019	8.268	21.661	22.382	20.397	7.891
17	Very Fine Gravel 2-4mm	4.000	4000.000	6.574	6.404	5.295	7.898		6.968	5.775	6.979	6.813	4.284	5.000	4.710	7.067	6.576	5.134	3.718
18		2.800	2800.000	6.664	6.589	4.963	7.331		5.235	4.439	4.394	5.412	3.664	5.236	7.014	8.296	6.141	7.380	2.859
19	% very fine gravel			13.238	12.994	10.258	15.229		12.203	10.214	11.372	12.225	7.948	10.235	11.724	15.362	12.716	12.513	6.577
20	Very Coarse Sand	2.000	2000.000	5.504	5.645	4.817	5.747		4.065	3.916	4.320	5.290	2.687	5.335	6.294	7.583	4.730	5.427	1.800
21	1-2mm	1.400	1400.000	5.115	6.346	5.165	5.295		4.183	3.714	4.665	5.641	3.575	6.439	6.447	7.295	3.938	4.372	2.411
22	% very coarse sand			10.619	11.991	9.982	11.042		8.248	7.631	8.985	10.931	6.261	11.774	12.741	14.878	8.668	9.799	4.210
23		1.000	1000.000	4.736	6.068	5.003	4.640		4.153	3.443	5.115	5.407	3.807	7.181	6.305	7.090	3.327	4.500	4.120
24	coarse sand	0.707	707.000	6.503	6.853	5.356	5.092		4.143	3.698	8.493	6.937	8.679	10.458	12.778	8.702	8.326	9.155	15.561
25	0.5-1mm	0.500	500.000	9.523	10.175	10.941	9.106		7.604	5.478	9.307	7.555	10.539	12.268	15.903	8.380	12.049	11.274	19.228
26	% coarse sand			20.763	23.096	21.300	18.838		15.900	12.620	22.915	19.899	23.025	29.908	34.985	24.171	23.702	24.929	38.908
27	medium sand 0.25 - 0.5mm	0.354	354.000	11.631	13.009	13.469	10.748		9.592	5.320	10.004	6.945	11.054	10.404	14.018	5.641	12.311	10.491	16.862
28		0.250	250.000	7.271	8.323	6.985	5.320		6.560	2.064	5.601	3.670	5.097	6.152	8.285	2.603	8.396	6.975	10.116
29	% medium sand			18.902	21.332	20.454	16.068		16.152	7.383	15.605	10.615	16.152	16.556	22.303	8.244	20.707	17.466	26.978
30	fine sand	0.177	177.000	1.955	2.212	1.879	1.403		2.650	0.517	1.357	1.114	1.264	2.400	2.900	0.907	3.364	2.910	3.885
31	125-250um	0.125	125.000	0.581	0.751	0.622	0.611		1.374	0.266	0.466	0.430	0.460	0.637	0.369	0.419	0.531	0.525	0.862
32	% fine sand			2.536	2.962	2.501	2.014		4.024	0.783	1.823	1.544	1.724	3.037	3.269	1.326	3.895	3.435	4.747
33	very fine sand	0.088	88.400	0.471	0.571	0.392	0.515		1.113	0.195	0.239	0.230	0.254	0.344	0.096	0.382	0.021	0.000	0.322
34	62.5 - 125um	0.063	62.500	0.310	0.357	0.242	0.374		0.776	0.126	0.130	0.128	0.148	0.424	0.361	0.332	0.214	0.116	0.468
35	% very fine sand			0.781	0.928	0.634	0.889		1.889	0.321	0.369	0.358	0.402	0.768	0.457	0.714	0.234	0.116	0.790
36	Silt	0.044	44.200	0.221	0.295	0.200	0.259		0.510	0.098	0.092	0.090	0.136	0.365	0.346	0.248	0.281	0.183	0.430
37		0.031	31.200	0.141	0.221	0.144	0.165		0.366	0.069	0.070	0.067	0.104	0.266	0.226	0.216	0.204	0.152	0.311
38		0.022	22.100	0.087	0.166	0.105	0.116		0.270	0.058	0.059	0.056	0.108	0.255	0.214	0.238	0.155	0.120	0.293
39		0.016	15.600	0.086	0.167	0.099	0.096		0.219	0.049	0.049	0.049	0.087	0.328	0.315	0.286	0.193	0.136	0.376
40		0.011	11.000	0.091	0.177	0.110	0.102		0.202	0.052	0.055	0.050	0.091	0.425	0.422	0.340	0.265	0.175	0.479
41		0.008	7.810	0.083	0.161	0.105	0.098		0.185	0.050	0.053	0.049	0.090	0.500	0.477	0.377	0.314	0.208	0.550
42		0.006	5.520	0.077	0.150	0.097	0.091		0.168	0.046	0.050	0.045	0.083	0.534	0.482	0.392	0.333	0.222	0.583
43		0.004	3.910	0.065	0.127	0.080	0.076		0.143	0.038	0.042	0.038	0.068	0.488	0.423	0.349	0.305	0.206	0.533
44	% silt			0.850	1.464	0.941	1.005		2.064	0.459	0.469	0.444	0.767	3.162	2.905	2.446	2.050	1.403	3.556
45	Clay	0.003	2.760	0.052	0.098	0.064	0.061		0.120	0.030	0.034	0.031	0.054	0.391	0.337	0.276	0.251	0.169	0.432
46		0.002	1.950	0.043	0.078	0.052	0.050		0.097	0.025	0.030	0.026	0.045	0.235	0.194	0.161	0.144	0.071	0.263
47		0.001	1.380	0.039	0.068	0.047	0.044		0.078	0.022	0.028	0.024	0.041	0.058	0.016	0.030	0.009	0.000	0.033
48		0.001	0.977	0.036	0.060	0.043	0.039		0.064	0.020	0.026	0.023	0.037	0.000	0.000	0.000	0.000	0.000	0.000
49		0.001	0.691	0.032	0.051	0.038	0.034		0.053	0.017	0.024	0.021	0.031	0.096	0.000	0.038	0.000	0.000	0.057
50		0.000	0.488	0.028	0.041	0.032	0.028		0.045	0.014	0.020	0.018	0.025	0.158	0.000	0.078	0.000	0.000	0.175
51		0.000	0.345	0.022	0.031	0.025	0.022		0.037	0.011	0.017	0.016	0.019	0.106	0.000	0.042	0.000	0.000	0.119
52		0.000	0.244	0.018	0.022	0.019	0.016		0.031	0.008	0.013	0.013	0.014	0.010	0.000	0.000	0.000	0.000	0.000
53		0.000	0.173	0.013	0.015	0.014	0.012		0.024	0.005	0.010	0.010	0.010	0.000	0.000	0.000	0.000	0.000	0.000
54		0.000	0.122	0.010	0.010	0.010	0.008		0.018	0.004	0.007	0.007	0.007	0.000	0.000	0.000	0.000	0.000	0.000
55		0.000	0.086	0.006	0.006	0.006	0.005		0.012	0.002	0.005	0.005	0.004	0.000	0.000	0.000	0.000	0.000	0.000
56			<0.086	0.004	0.003	0.003	0.003		0.006	0.001	0.003	0.003	0.002	0.000	0.000	0.000	0.000	0.000	0.000
57	% clay			0.303	0.485	0.354	0.320		0.583	0.158	0.217	0.197	0.291	1.054	0.547	0.625	0.404	0.241	1.080
58	TOC			1.124	1.562	1.561	1.495		1.638	1.682	1.646	1.896	1.227	1.437	1.660	2.262	3.842	1.145	1.122
59																			
60			total (after split)	100.000	100.000	100.000	100.000		100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

	A	B	C	AK	AL	AM	AN	AO	AP	AQ	AR	AS
1			Sampling station	34	35	36	37	38	39	40	41	42
2			Latitude	**49°57.113**	**49°55.539**	**49°56.121**	**49°56.936**	**49°58.605**	**49°59.957**	**50°01.808**	**50°04.655**	**50°05.443**
3			Longitude	**000°59.632**	**001°01.263**	**001°04.255**	**001°03.673**	**001°02.457**	**001°00.960**	**000°58.074**	**000°50.917**	**000°46.464**
4	Folk Classification		Folk and Ward Description ->	Very Fine Gravel	Fine Sand	Coarse Sand	Coarse Sand	Very Coarse Sand	Coarse Sand	Very Fine Gravel	Very Coarse Sand	Coarse Sand
5	Very Coarse Gravel	63.000	63000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6	32-64mm	45.000	45000.000	0.000	0.000	0.000	0.000	0.000	0.000	3.881	0.000	0.000
7	% very coarse gravel			0.000	0.000	0.000	0.000	0.000	0.000	3.881	0.000	0.000
8	Coarse Gravel	31.500	31500.000	0.000	0.000	11.103	0.000	0.000	0.000	1.496	0.984	0.000
9	16-32mm	22.400	22400.000	0.000	0.000	0.000	8.354	0.000	0.000	0.000	0.000	0.000
10	% coarse gravel			0.000	0.000	11.103	8.354	0.000	0.000	1.496	0.984	0.000
11	Medium Gravel 8-16mm	16.000	16000.000	5.985	0.000	0.000	0.000	0.000	0.000	3.593	0.000	0.224
12		11.200	11200.000	17.657	0.000	3.537	1.184	5.570	0.759	6.853	4.574	1.254
13	% medium gravel			23.642	0.000	3.537	1.184	5.570	0.759	10.446	4.574	1.479
14	Fine Gravel 4-8mm	8.000	8000.000	10.421	0.000	5.363	3.791	4.554	3.786	13.315	8.599	0.811
15		5.600	5600.000	7.094	0.000	0.802	6.306	5.401	4.299	14.396	5.146	1.698
16	% fine gravel			17.515	0.000	6.165	10.097	9.955	8.086	27.710	13.745	2.509
17	Very Fine Gravel 2-4mm	4.000	4000.000	3.944	0.000	0.676	6.966	5.732	5.877	6.088	4.381	1.669
18		2.800	2800.000	3.790	0.000	1.131	4.284	7.274	9.439	4.804	8.377	3.763
19	% very fine gravel			7.734	0.000	1.808	11.250	13.006	15.317	10.892	12.759	5.432
20	Very Coarse Sand	2.000	2000.000	2.871	0.000	1.149	3.659	8.246	8.093	3.476	9.682	6.285
21	1-2mm	1.400	1400.000	2.859	0.000	1.861	3.887	8.947	7.769	3.655	10.117	11.083
22	% very coarse sand			5.730	0.000	3.011	7.546	17.193	15.862	7.131	19.799	17.367
23		1.000	1000.000	2.616	0.000	2.107	3.150	7.086	6.130	6.554	10.835	13.887
24	coarse sand	0.707	707.000	5.414	0.000	0.618	3.722	4.273	10.532	11.408	11.933	16.173
25	0.5-1mm	0.500	500.000	7.561	0.000	1.591	7.600	7.171	12.319	10.022	11.035	16.892
26	% coarse sand			15.590	0.000	4.315	14.472	18.530	28.980	27.984	33.803	46.953
27	medium sand 0.25 - 0.5mm	0.354	354.000	7.809	2.180	6.546	10.454	8.822	10.679	5.487	7.106	12.189
28		0.250	250.000	6.152	18.797	16.216	10.812	8.341	7.138	1.692	3.071	5.677
29	% medium sand			13.961	20.977	22.762	21.266	17.163	17.817	7.179	10.177	17.865
30	fine sand	0.177	177.000	3.695	33.265	20.714	8.152	5.872	3.836	0.324	0.921	1.535
31	125-250um	0.125	125.000	1.840	25.621	14.678	4.436	3.175	1.865	0.234	0.314	0.321
32	% fine sand			5.535	58.886	35.392	12.588	9.047	5.701	0.558	1.235	1.856
33	very fine sand	0.088	88.400	0.971	7.254	4.440	1.597	1.424	1.022	0.282	0.296	0.454
34	62.5 - 125um	0.063	62.500	0.792	0.412	0.260	0.648	0.851	0.775	0.188	0.292	0.557
35	% very fine sand			1.763	7.666	4.700	2.244	2.274	1.797	0.470	0.588	1.012
36	Silt	0.044	44.200	0.747	0.028	0.018	0.667	0.711	0.647	0.110	0.235	0.432
37		0.031	31.200	0.663	0.612	0.343	0.774	0.597	0.533	0.117	0.207	0.335
38		0.022	22.100	0.577	1.260	0.615	0.734	0.493	0.466	0.162	0.216	0.347
39		0.016	15.600	0.580	1.380	0.654	0.738	0.506	0.478	0.217	0.242	0.438
40		0.011	11.000	0.666	1.324	0.684	0.872	0.621	0.533	0.283	0.271	0.557
41		0.008	7.810	0.788	1.362	0.785	1.076	0.749	0.579	0.335	0.287	0.659
42		0.006	5.520	0.899	1.468	0.880	1.259	0.833	0.601	0.354	0.293	0.711
43		0.004	3.910	0.898	1.392	0.820	1.260	0.788	0.544	0.307	0.261	0.649
44	% silt			5.818	8.826	4.800	7.380	5.299	4.381	1.883	2.011	4.128
45	Clay	0.003	2.760	0.792	1.144	0.663	1.105	0.654	0.433	0.230	0.210	0.516
46		0.002	1.950	0.541	0.724	0.417	0.747	0.410	0.262	0.130	0.111	0.306
47		0.001	1.380	0.284	0.366	0.208	0.389	0.182	0.079	0.010	0.004	0.070
48		0.001	0.977	0.206	0.256	0.154	0.269	0.118	0.006	0.000	0.000	0.001
49		0.001	0.691	0.301	0.358	0.244	0.375	0.204	0.171	0.000	0.000	0.161
50		0.000	0.488	0.337	0.410	0.315	0.418	0.240	0.192	0.000	0.000	0.220
51		0.000	0.345	0.218	0.302	0.271	0.269	0.146	0.134	0.000	0.000	0.120
52		0.000	0.244	0.033	0.086	0.134	0.048	0.009	0.023	0.000	0.000	0.004
53		0.000	0.173	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54		0.000	0.122	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55		0.000	0.086	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56			<0.086	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57	% clay			2.713	3.646	2.407	3.620	1.963	1.300	0.370	0.325	1.399
58	TOC			1.055	0.638	0.845	1.089	1.132	1.681	1.875	2.157	1.613
59												
60			total (after split)	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

Grab Fauna

Species	1	2	3	4	5	6	7	9	10	11	12	13	14	15	16	17	18	19	20	21
Abietinaria abietina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abludomelita obtusata	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Abra alba	0	0	0	14	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Abra prismatica	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Acanthochitona crinita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Achelia echinata (A)	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acromegalomma vesiculosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actiniaria	2	0	6	1	12	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Aequipecten opercularis	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Aetea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alcyonidioides mytili	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alcyonium digitatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Amathia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ampelisca aequicornis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ampelisca diadema	0	0	0	796	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ampelisca spinipes	0	0	0	0	0	0	1	0	0	2	6	3	0	0	0	1	0	0	0	0
Ampharete	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ampharete lindstroemi (A)	1	0	0	14	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Amphiblestrum auritum	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphicteis midas	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphilochus manudens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphipholis squamata	0	0	0	6	4	0	2	0	1	0	1	0	2	0	2	3	1	1	0	2
Amphiura (Ophiopeltis) securigera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphiura chiajei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphiuridae (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Amphiuridae (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ampithoe ramondi	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anchialina agilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animoceradocus semiserratus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Anomiidae (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anomura (M)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthura gracilis	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Aonides paucibranchiata	0	0	0	0	0	1	0	0	0	0	2	0	2	0	0	0	2	1	0	0
Aphelochaeta species A	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Apherusa bispinosa	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	2	0
Apseudopsis latreillii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arabella iricolor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arcopagia crassa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arenicolidae (J)	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ascidiacea (J)	0	0	5	1	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asclerocheilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Astacilla (J)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asteroidea (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Balanus crenatus	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bicellariella ciliata	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bodotria scorpioides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bopyridae (P)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brachystomia eulimoides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Branchiostoma lanceolatum	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Buccinum undatum	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Buccinum undatum (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caecum glabrum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callopora dumerilii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callopora lineata	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calyptraea chinensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campanulariidae	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Campylaspis legendrei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cancerilla tubulata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cantharidinae (D)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Cardiidae (J)	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caulleriella alata	2	0	1	0	3	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Caulleriella bioculata	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Cellepora pumicosa	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0
Ceramium	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cerianthus lloydii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaetopterus variopedatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaetozone zetlandica	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0
Cheirocratus (F)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Chorizopora brongniartii	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	0	0	1	1	0
Cirriformia (J)	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirriformia tentaculata	0	0	1	0	11	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Cliona	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0
Clytia hemisphaerica	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Conilera cylindracea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conopeum reticulum	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corallinaceae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Corbula gibba	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophiidae (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crenella decussata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crepidula fornicata	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crepidula fornicata (J)	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cribrilaria innominata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0
Crisidia cornuta	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Crisilla semistriata	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cuthona	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dendrodoa grossularia	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dialychone	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diastylis laevis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diastylis rugosa	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Didemnidae	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Diplecogaster bimaculata bimaculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diplocirrus stopbowitzi	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0	0	0	0	0
Diplodonta rotundata (J)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
Dipolydora (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dipolydora (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
Dipolydora caulleryi	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dipolydora saintjosephi	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
Disporella hispida	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	1	1	1	1
Dodecaceria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Donax vittatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dosinia exoleta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Doto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ebalia (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ebalia tumefacta	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Echinocardium flavescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinocyamus pusillus	0	0	0	0	0	0	2	11	2	95	8	6	1	1	0	1	0	0	2	0
Edwardsiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electra monostachys	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Electra pilosa	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Emarginula fissura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ensis (J)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epigamia alexandri	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Epigamia alexandri (Ep)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epizoanthus couchii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
Ericthonius (F)	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	2
Erinaceusyllis	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Escharella immersa	0	0	0	0	1	1	1	0	1	0	0	1	0	0	1	1	1	1	1	1
Escharella variolosa	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0
Escharella ventricosa	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	1	1	1
Escharoides coccinea	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eteone longa (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Euclymene oerstedii	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eulalia aurea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eulalia bilineata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eulalia expusilla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eulalia mustela	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eulalia tripunctata	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eulima bilineata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eumida (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Eumida bahusiensis	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eumida sanguinea (A)	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Eunice vittata	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	2	1	2	1
Euphrosine armadillo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Eupolymnia nebulosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eupolymnia nesidensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eurydice inermis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eurydice truncata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Eurynome spinosa (J)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0

Species	1	2	3	4	5	6	7	9	10	11	12	13	14	15	16	17	18	19	20	21
Euspira nitida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eusyllis blomstrandi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exogone naidina	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabulina fabula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fenestrulina malusii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Figularia figularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Flustra foliacea	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Folliculinidae	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Galathea intermedia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Galathea intermedia (J)	0	0	0	0	0	0	0	0	0	0	0	0	3	1	5	1	0	0	0	0
Gammaropsis (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammaropsis lobata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammaropsis maculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gari tellinella (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Gastropoda €	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gastropoda (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gastrosaccus spinifer	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gattyana cirrhosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gibbula tumida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Glycera alba	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycera lapidum (A)	0	0	0	0	0	4	4	0	3	1	2	2	0	1	1	3	0	0	0	2
Glycera oxycephala	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Glycera tridactyla	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycinde nordmanni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycymeris glycymeris	0	0	0	0	0	0	0	0	0	0	0	0	3	0	4	1	0	0	8	1
Glycymeris glycymeris (J)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	0	8
Gnathia oxyuraea	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gnathia vorax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gnathiidae (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Golfingia (Golfingia) elongata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Golfingia (Golfingia) vulgaris	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodallia triangularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hagiosynodos latus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Harmothoe extenuata	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Harmothoe impar (A)	3	0	0	0	1	0	1	0	2	0	0	0	0	0	1	0	0	0	0	1
Hiatella arctica	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0
Hincksina flustroides	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Hippoporina pertusa	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hippothoa divaricata	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1
Hippothoa flagellum	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Hydrallmania falcata	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0
Idunella picta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Inachus dorsettensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Isaeidae (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Janira maculosa	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Jasmineira elegans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jasmineira schaudinni	0	0	0	14	15	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Kurtiella bidentata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lacuna vincta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laevicardium crassum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Lanice conchilega	3	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laonice (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laonice bahusiensis	0	0	0	0	0	0	1	0	3	0	1	1	0	1	3	7	1	2	1	1
Leiochone	1	0	1	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	1	0
Lepidonotus squamatus	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Leptocheirus hirsutimanus	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Leptochiton asellus	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Leptochiton cancellatus	0	0	0	0	0	0	1	0	2	3	0	2	0	0	0	2	0	1	1	1
Leucothoe lilljeborgi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liocarcinus (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liocarcinus pusillus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liocarcinus pusillus (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liomesus ovum (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Loimia medusa	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0
Loxosomella	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Loxosomella murmanica	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Loxosomella phascolosomata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lumbrineriopsis paradoxa	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	4	0
Lumbrineriopsis species A	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Lumbrineris cingulata (*c.f.*)	0	0	0	0	0	0	1	0	2	3	1	0	1	0	0	3	0	1	2	1
Lumbrineris futilis	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Lyonsia norwegica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lysidice ninetta	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	8	0
Lysidice unicornis	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Macropodia (J)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Magelona johnstoni	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Maldanidae (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malmgrenia arenicolae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malmgrenia ljungmani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Marphysa (J)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marphysa sanguinea	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marphysa totospinata	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Mediomastus fragilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melanella alba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Melinna palmata	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micropora normani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Microporella ciliata	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	0
Mimachlamys varia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Modiolus (J)	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Molgula	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monocorophium sextonae	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Musculus costulatus	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mya truncata (J)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Myrianida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mysidae (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Mytilidae (J)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Myxicola aesthetica	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda	0	0	0	0	17	0	0	0	0	0	0	0	2	1	0	16	1	2	1	3
Nemertea	0	0	0	1	1	0	1	0	1	1	2	0	2	1	1	2	0	0	5	0
Nephasoma (Nephasoma) minutum	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	2	6	11	7
Nephtys (J)	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nephtys assimilis	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Nephtys caeca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Nephtys cirrosa	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nephtys kersivalensis	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nereididae (J)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nicolea venustula	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Nolella	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notomastus	1	0	0	1	4	1	0	0	2	2	0	0	0	4	2	2	0	0	0	0
Notophyllum foliosum	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Nototropis vedlomensis	1	0	0	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0
Nucula (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nucula nucleus	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Nymphon brevirostre	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ocenebra erinaceus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Odontosyllis fulgurans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oncousoecia dilatans	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Ophiothrix fragilis	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Ophiothrix fragilis (J)	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
Ophiura (J)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Ophiura albida	0	0	0	0	0	0	0	0	0	8	1	0	0	0	0	0	0	0	4	0
Ophiuridae (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Ophryotrocha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orbinia sertulata	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchomene humilis	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Othomaera othonis	1	0	0	0	0	0	0	0	1	0	0	3	0	1	0	0	0	1	0	0
Owenia	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Paguridae (J)	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
Paraehlersia ferrugina	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parapleustes bicuspis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pectinidae (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedicellina	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Petaloproctus	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Phascolion (Phascolion) strombus	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Phaxas pellucidus	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phialella quadrata	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Pholoe baltica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pholoe inornata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Species	1	2	3	4	5	6	7	9	10	11	12	13	14	15	16	17	18	19	20	21
Phoronis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Phyllodoce groenlandica	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Phyllodoce longipes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Phyllodoce mucosa	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pilumnus hirtellus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pilumnus hirtellus (J)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pisidia longicornis	0	0	0	10	3	0	1	1	2	0	0	6	0	0	0	0	0	0	0	0
Pista cristata	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Pista maculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pista mediterranea	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Platyhelminthes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pleurocrypta microbranchiata	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Poecilochaetus serpens	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0
Polititapes rhomboides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polititapes rhomboides (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polycarpa pomaria	0	0	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polycirrus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
Polygordius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polynoe scolopendrina	0	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porella concinna	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0
Porifera	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	1	1
Praxillella affinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prenantia cheilostoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0
Protodorvillea kefersteini	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psamathe fusca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Psammechinus miliaris	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	1	1
Pseudomystides limbata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoparatanais batei	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudopolydora pulchra	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudopotamilla	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1
Pterocirrus macroceros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pyripora catenularia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Raphitoma linearis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reptadeonella insidiosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reptadeonella violacea	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	1
Rhynchozoon bispinosum	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1
Rissoa parva	161	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rullierinereis ancornunezi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Sabella pavonina	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sabellaria spinulosa	0	0	0	0	35	1	6	0	1	0	0	0	0	0	0	0	0	0	0	0
Sarsinebalia (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scalibregma celticum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scalibregma stenocerum	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0
Schistomeringos neglecta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schistomysis ornata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Schizomavella	0	0	0	0	1	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1
Schizoporella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Sclerocheilus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scoloplos armiger	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scruparia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Serpula vermicularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Serpulidae (D)	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	2	7	0
Sertularella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sertularella rugosa	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Sertularia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1
Sertularia distans	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Socarnes erythrophthalmus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphaerosyllis bulbosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphaerosyllis hystrix	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphaerosyllis taylori	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphenia binghami	0	0	0	0	3	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0
Spio symphyta	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirobranchus lamarcki	0	0	0	6	1	0	0	0	8	0	1	0	0	0	0	0	0	0	0	0
Spirobranchus triqueter	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0	2	13	42	7
Spirorbinae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spisula (J)	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Steromphala cineraria	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sthenelais boa	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Styela clava	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Subadyte pellucida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sycon	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Syllinae (Ep)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Syllis armillaris	0	0	0	0	0	0	1	1	3	0	0	0	0	1	1	0	0	2	2	2
Syllis garciai	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Syllis licheri	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Syllis pontxioi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Syllis variegata	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tanaopsis graciloides	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Terebellidae (J)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Terebellides shetlandica	0	0	0	4	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
Thelepus cincinnatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thelepus setosus	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thia scutellata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thracioidea (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thyone fusca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Timoclea ovata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Tricolia pullus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tritaeta gibbosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tritia €	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tritia pygmaea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tritonia (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Trypanosyllis (Trypanosyllis) coeliaca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tubulanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Tubulipora	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0
Unciola crenatipalma	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Upogebia deltaura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urothoe (D)	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urothoe marina	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Veneridae (J)	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Venerupis corrugata	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermiliopsis monodiscus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verruca stroemia	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0
Vesicularia spinosa	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Websterinereis glauca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Species	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Abietinaria abietina	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abludomelita obtusata	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0
Abra alba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abra prismatica	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Acanthochitona crinita	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Achelia echinata (A)	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0	0	0	0	1	0
Acromegalomma vesiculosum	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Actiniaria	0	8	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Aequipecten opercularis	2	0	0	0	1	2	1	0	3	0	0	0	0	0	1	0	0	0	0	0
Aetea	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alcyonidioides mytili	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Alcyonium digitatum	0	1	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Amathia	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Ampelisca aequicornis	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ampelisca diadema	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Ampelisca spinipes	0	0	0	0	0	5	0	0	3	0	1	0	0	0	2	2	0	0	0	0
Ampharete	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ampharete lindstroemi (A)	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphiblestrum auritum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphicteis midas	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Amphilochus manudens	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphipholis squamata	3	4	2	4	0	10	0	2	0	1	1	1	1	1	14	3	12	0	0	5
Amphiura (Ophiopeltis) securigera	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6	0	0	0	0
Amphiura chiajei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Amphiuridae (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amphiuridae (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
Ampithoe ramondi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anchialina agilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Animoceradocus semiserratus	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Anomiidae (J)	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anomura (M)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Anthura gracilis	0	0	1	1	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Aonides paucibranchiata	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0
Aphelochaeta species A	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apherusa bispinosa	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0
Apseudopsis latreillii	0	0	0	0	0	0	0	0	0	1	0	0	0	0	138	27	0	0	0	0
Arabella iricolor	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Arcopagia crassa	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1
Arenicolidae (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ascidiacea (J)	0	0	0	0	0	0	0	0	0	0	0	1	0	38	0	0	0	0	0	0
Asclerocheilus	0	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Astacilla (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Asteroidea (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Balanus crenatus	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Bicellariella ciliata	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bodotria scorpioides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Bopyridae (P)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brachystomia eulimoides	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Branchiostoma lanceolatum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
Buccinum undatum	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Buccinum undatum (J)	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Caecum glabrum	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Callopora dumerilii	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Callopora lineata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calyptraea chinensis	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campanulariidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Campylaspis legendrei	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Cancerilla tubulata	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cantharidinae (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cardiidae (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Caulleriella alata	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	1	0	0	0
Caulleriella bioculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Cellepora pumicosa	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Ceramium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cerianthus lloydii	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaetopterus variopedatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Chaetozone zetlandica	1	0	0	0	0	0	1	0	0	0	2	0	0	0	0	5	6	0	0	0
Cheirocratus (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chorizopora brongniartii	1	1	1	1	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0
Cirriformia (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirriformia tentaculata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Cliona	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Clytia hemisphaerica	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
Conilera cylindracea	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
Conopeum reticulum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corallinaceae	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Corbula gibba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Corophiidae (D)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crenella decussata	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crepidula fornicata	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	0	0	0	0
Crepidula fornicata (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Cribrilaria innominata	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Crisidia cornuta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crisilla semistriata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cuthona	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dendrodoa grossularia	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Dialychone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diastylis laevis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diastylis rugosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Didemnidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diplecogaster bimaculata bimaculata	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Diplocirrus stopbowitzi	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	2	3	0	0	0
Diplodonta rotundata (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dipolydora (J)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Dipolydora (D)	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dipolydora caulleryi	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Dipolydora saintjosephi	0	0	3	21	1	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Disporella hispida	0	1	1	1	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0
Dodecaceria	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Donax vittatus	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Dosinia exoleta	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0
Doto	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ebalia (J)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ebalia tumefacta	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Echinocardium flavescens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Echinocyamus pusillus	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Edwardsiidae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Electra monostachys	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electra pilosa	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Emarginula fissura	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ensis (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epigamia alexandri	0	0	0	0	0	13	3	1	0	0	0	0	0	0	0	0	0	0	0	0
Epigamia alexandri (Ep)	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Epizoanthus couchii	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ericthonius (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erinaceusyllis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Escharella immersa	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	1	0	0	0	0
Escharella variolosa	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Escharella ventricosa	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Escharoides coccinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eteone longa (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Euclymene oerstedii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eulalia aurea	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Eulalia bilineata	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Eulalia expusilla	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eulalia mustela	1	0	0	0	1	2	5	0	0	0	1	0	0	0	0	0	0	0	0	0
Eulalia tripunctata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eulima bilineata	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eumida (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eumida bahusiensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eumida sanguinea (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eunice vittata	0	1	0	1	2	1	5	4	0	0	0	0	0	0	0	0	1	0	0	0
Euphrosine armadillo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eupolymnia nebulosa	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Eupolymnia nesidensis	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eurydice inermis	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	1	0	0
Eurydice truncata	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Eurynome spinosa (J)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Species	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Euspira nitida	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Eusyllis blomstrandi	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Exogone naidina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabulina fabula	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Fenestrulina malusii	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Figularia figularis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Flustra foliacea	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0
Folliculinidae	1	1	1	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	1	0
Galathea intermedia	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Galathea intermedia (J)	0	1	1	0	0	1	3	2	3	0	0	2	0	0	0	0	0	0	1	3
Gammaropsis (D)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammaropsis lobata	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Gammaropsis maculata	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gari tellinella (J)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Gastropoda €	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gastropoda (D)	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gastrosaccus spinifer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gattyana cirrhosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Gibbula tumida	0	1	0	0	0	0	0	1	0	0	0	3	0	0	2	0	0	0	0	0
Glycera alba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycera lapidum (A)	1	1	1	1	2	3	3	2	1	0	3	0	0	0	0	1	1	0	1	1
Glycera oxycephala	0	0	0	0	0	0	1	1	3	1	2	0	0	0	0	2	0	0	2	0
Glycera tridactyla	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glycinde nordmanni	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
Glycymeris glycymeris	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	11	0	0	0
Glycymeris glycymeris (J)	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
Gnathia oxyuraea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gnathia vorax	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gnathiidae (F)	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Golfingia (Golfingia) elongata	2	0	0	0	0	3	3	1	0	0	2	0	0	0	0	0	0	0	0	0
Golfingia (Golfingia) vulgaris	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0
Goodallia triangularis	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Hagiosynodos latus	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Harmothoe extenuata	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Harmothoe impar (A)	0	0	0	2	0	3	0	1	0	0	0	1	0	0	0	0	0	0	0	1
Hiatella arctica	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hincksina flustroides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hippoporina pertusa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hippothoa divaricata	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Hippothoa flagellum	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydrallmania falcata	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Idunella picta	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Inachus dorsettensis	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Isaeidae (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Janira maculosa	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Jasmineira elegans	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jasmineira schaudinni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kurtiella bidentata	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Lacuna vincta	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Laevicardium crassum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Lanice conchilega	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0
Laonice (J)	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Laonice bahusiensis	6	0	0	3	0	0	0	1	1	0	8	0	0	0	0	0	0	0	1	0
Leiochone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	0	0	0	0
Lepidonotus squamatus	0	3	0	5	0	12	0	1	0	0	0	1	0	2	0	0	0	0	0	0
Leptocheirus hirsutimanus	1	0	0	0	0	1	3	0	0	0	0	0	0	0	0	3	0	0	0	0
Leptochiton asellus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptochiton cancellatus	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leucothoe lilljeborgi	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Liocarcinus (J)	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Liocarcinus pusillus	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Liocarcinus pusillus (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Liomesus ovum (J)	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Loimia medusa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Loxosomella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Loxosomella murmanica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Loxosomella phascolosomata	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Lumbrineriopsis paradoxa	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lumbrineriopsis species A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lumbrineris cingulata (*c.f.*)	2	0	0	0	3	6	1	4	0	0	0	1	0	1	2	4	1	1	0	0
Lumbrineris futilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lyonsia norwegica	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lysidice ninetta	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lysidice unicornis	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Macropodia (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Magelona johnstoni	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Maldanidae (J)	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Malmgrenia arenicolae	3	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Malmgrenia ljungmani	0	0	0	0	0	0	4	0	2	3	0	0	0	0	0	3	1	1	0	6
Marphysa (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marphysa sanguinea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marphysa totospinata	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Mediomastus fragilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0
Melanella alba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Melinna palmata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Micropora normani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Microporella ciliata	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0
Mimachlamys varia	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Modiolus (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Molgula	0	0	0	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0
Monocorophium sextonae	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Musculus costulatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mya truncata (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Myrianida	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mysidae (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mytilidae (J)	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Myxicola aesthetica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nematoda	1	1	0	1	3	4	1	0	0	0	0	0	0	2	0	0	1	1	1	0
Nemertea	1	1	1	3	1	4	3	0	0	0	0	0	0	0	0	1	0	1	0	1
Nephasoma (Nephasoma) minutum	0	10	1	3	1	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Nephtys (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nephtys assimilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nephtys caeca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nephtys cirrosa	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
Nephtys kersivalensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nereididae (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nicolea venustula	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nolella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Notomastus	1	0	0	0	3	3	2	0	3	1	3	1	0	0	1	10	5	4	0	0
Notophyllum foliosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nototropis vedlomensis	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	4	0	0	1	0
Nucula (J)	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Nucula nucleus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Nymphon brevirostre	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Ocenebra erinaceus	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Odontosyllis fulgurans	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Oncousoecia dilatans	1	1	1	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0
Ophiothrix fragilis	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0
Ophiothrix fragilis (J)	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Ophiura (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ophiura albida	4	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	1	0
Ophiuridae (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Ophryotrocha	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orbinia sertulata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orchomene humilis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Othomaera othonis	5	1	0	0	0	0	6	0	0	1	0	0	0	0	0	0	3	3	0	12
Owenia	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Paguridae (J)	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
Paraehlersia ferrugina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parapleustes bicuspis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pectinidae (J)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Pedicellina	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Petaloproctus	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Phascolion (Phascolion) strombus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phaxas pellucidus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phialella quadrata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Pholoe baltica	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0
Pholoe inornata	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	1	0	0	0

Species	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Phoronis	1	0	0	0	0	0	0	0	0	1	0	1	0	0	3	0	0	0	0	0
Phyllodoce groenlandica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phyllodoce longipes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phyllodoce mucosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pilumnus hirtellus	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Pilumnus hirtellus (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pisidia longicornis	3	0	1	0	0	0	0	0	0	0	1	2	0	0	1	0	0	0	0	0
Pista cristata	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pista maculata	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pista mediterranea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Platyhelminthes	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
Pleurocrypta microbranchiata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poecilochaetus serpens	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polititapes rhomboides	0	0	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0
Polititapes rhomboides (J)	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Polycarpa pomaria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polycirrus	0	0	0	0	0	1	1	0	0	0	1	0	0	0	2	0	1	0	0	0
Polygordius	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Polynoe scolopendrina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porella concinna	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Porifera	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Praxillella affinis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Prenantia cheilostoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protodorvillea kefersteini	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Psamathe fusca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psammechinus miliaris	2	0	0	3	0	1	6	4	0	0	1	0	0	0	0	0	1	0	0	1
Pseudomystides limbata	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoparatanais batei	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudopolydora pulchra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudopotamilla	0	0	0	3	0	15	6	3	0	0	0	0	0	0	0	0	0	0	0	0
Pterocirrus macroceros	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pyripora catenularia	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Raphitoma linearis	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Reptadeonella insidiosa	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reptadeonella violacea	1	1	1	1	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0
Rhynchozoon bispinosum	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Rissoa parva	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rullierinereis ancornunezi	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0
Sabella pavonina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sabellaria spinulosa	0	0	1	0	0	0	0	0	0	0	0	3	0	3	2	0	0	0	0	0
Sarsinebalia (D)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Scalibregma celticum	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0
Scalibregma stenocerum	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
Schistomeringos neglecta	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Schistomysis ornata	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Schizomavella	1	1	1	1	1	1	0	1	0	1	0	1	0	0	1	0	0	0	0	0
Schizoporella	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Sclerocheilus	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Scoloplos armiger	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Scruparia	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
Serpula vermicularis	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Serpulidae (D)	2	12	1	1	0	13	2	2	0	0	1	14	0	0	0	6	0	0	0	0
Sertularella	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Sertularella rugosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sertularia	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sertularia distans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Socarnes erythrophthalmus	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphaerosyllis bulbosa	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphaerosyllis hystrix	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphaerosyllis taylori	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Sphenia binghami	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spio symphyta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spirobranchus lamarcki	0	0	0	0	0	0	0	0	0	0	0	25	0	0	14	0	4	0	0	0
Spirobranchus triqueter	9	19	27	8	2	33	15	0	0	0	2	40	0	0	2	3	0	0	0	0
Spirorbinae	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spisula (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Steromphala cineraria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sthenelais boa	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Styela clava	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Subadyte pellucida	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Sycon	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syllinae (Ep)	0	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	1	0	0	0
Syllis armillaris	2	0	0	22	0	19	6	1	0	0	1	0	0	0	0	0	0	0	0	0
Syllis garciai	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Syllis licheri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Syllis pontxioi	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syllis variegata	0	0	1	1	0	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0
Tanaopsis graciloides	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Terebellidae (J)	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Terebellides shetlandica	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Thelepus cincinnatus	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Thelepus setosus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thia scutellata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Thracioidea (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Thyone fusca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Timoclea ovata	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tricolia pullus	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Tritaeta gibbosa	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tritia €	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Tritia pygmaea	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Tritonia (J)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Trypanosyllis (Trypanosyllis) coeliaca	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Tubulanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tubulipora	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0
Unciola crenatipalma	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Upogebia deltaura	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Urothoe (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Urothoe marina	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	0	1	0	0
Veneridae (J)	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Venerupis corrugata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vermiliopsis monodiscus	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Verruca stroemia	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vesicularia spinosa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Websterinereis glauca	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0

Grab Fauna Biomass

	Sampling station	1	2	3	4	5	6	7	9	10	11	12	13	14	15
taxonName	abundanceUnits	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass
ANNELIDA	Biomass	0.293	1.1423	0.1672	0.1998	3.3754	0.5508	0.0747	0.0024	0.0345	0.0875	0.5336	0.4057	0.0534	0.4558
CRUSTACEA	Biomass	0.0317	0.946	-	0.2069	0.0419	0.1442	0.0975	0.0004	0.0331	0.2288	0.0332	0.1061	0.0537	0.0727
MOLLUSCA	Biomass	0.011	5.1524	6.4334	3.3361	52.9803	326.8271	28.6904	0.0077	13.224	3.2839	0.0074	0.0015	14.5218	7.9438
ECHINODERMATA	Biomass	-	0.005	0.0008	0.0129	23.8038	3.0638	0.7552	0.141	0.2324	2.6718	0.2244	0.0791	0.6693	8.8029
MISCELLANEOUS / OTHER	Biomass	0.0516	0.0001	0.5815	1.756	0.0331	0.2092	0.0818	-	0.0062	0.4356	0.0428	0.1168	0.0292	0.0805

	Sampling station	16	17	18	19	20	21	23	24	25	26	27	28	29	30	31	32	33
taxonName	abundanceUnits	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass
ANNELIDA	Biomass	0.5199	0.3611	0.0630	0.3259	0.5400	0.0899	0.2415	0.2539	0.3572	1.0225	1.1785	2.1655	0.2448	0.8578	0.1122	0.142	0.5964
CRUSTACEA	Biomass	0.0092	0.0524	0.0067	0.0159	0.0040	0.0024	0.2263	0.0068	0.0421	0.0120	0.5840	0.1721	0.0194	0.0619	0.4092	3.1035	0.9601
MOLLUSCA	Biomass	13.9467	2.9786	0.5336	10.9400	5.5032	0.4767	11.2769	0.2293	0.2271	0.0674	2.7814	19.0967	2.7905	36.17	8.2521	0.0111	39.4545
ECHINODERMATA	Biomass	1.9424	0.0764	0.1100	0.0444	0.5906	1.4166	0.6930	0.1649	0.0009	3.9995	0.0871	2.4576	0.0447	0.0013	0.2966	0.001	1.7165
MISCELLANEOUS / OTHER	Biomass	0.0004	0.0170	0.0008	0.0067	0.3153	0.0023	0.3357	0.3524	0.0116	0.0031	0.0021	0.0245	0.0959	0.0048	-	0.003	0.1641

	Sampling station	34	35	36	37	38	39	40	41	42
taxonName	abundanceUnits	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass	Biomass
ANNELIDA	Biomass	0.3118	0.00536	0.0783	0.0228	3.6273	0.5629	0.2709	0.2087	0.2741
CRUSTACEA	Biomass	0.0775	0.002	0.0189	0.0025	0.0332	0.0446	0.0212	0.0477	0.1639
MOLLUSCA	Biomass	1.4941	0.1598	0.5907	0.0035	1.038	0.397	0.0793	0.0945	0.5936
ECHINODERMATA	Biomass	0.0003	0.0006	-	-	0.005	0.0004	-	2.3679	1.1824
MISCELLANEOUS / OTHER	Biomass	0.0738	-	0.0174	-	0.3156	-	0.2588	0.0583	0.0012

DDV Still Form

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	Date	Description	Method	Fix Time (hh:mm:ss)	Survey Run By	Latitude (DecDeg)	Longitude (DecDeg)	Position Reference Point	Positional Accuracy	Depth	Bedrock	Boulders_over1024mm	Boulders_512to1024mm	Boulders_256to512mm	Cobbles 64mm to 256mm	Pebbles 4mm to 64mm	Shells_Empty	Shells_LiveModiolus	Granule 2mm to 4mm	Shell_2mm to 16mm	DeadMaerl	LiveMaerl
AQUIND NPC 2017	1	UK01	S1	UK01_01	AQUIND_DDV_UK01_01	24/07/2017	Slightly silty sand with pebbles and shell with macroalgae and some faunal turf.	Drop Camera	16:24:42	NPC/ENVISION	50.77761333	-1.03554000	GPS aerial	<10m	3.81						2	3			3		
AQUIND NPC 2017	1	UK01	S1	UK01_02	AQUIND_DDV_UK01_02	24/07/2017	Slightly silty sand with pebbles and shell with macroalgae and some faunal turf.	Drop Camera	16:24:42	NPC/ENVISION	50.77779333	-1.03557000	GPS aerial	<10m	3.81						2	3			3		
AQUIND NPC 2017	1	UK01	S1	UK01_03	AQUIND_DDV_UK01_03	24/07/2017	Slightly silt sand with pebbles and shell with macroalage	Drop Camera	16:24:42	NPC/ENVISION	50.77788333	-1.03558500	GPS aerial	<10m	3.81						2	2			2		
AQUIND NPC 2017	2	UK02	S1	UK02_01	AQUIND_DDV_UK02_01	24/07/2017	Rippled sand with some silt and coarse sediment with red macroalgae.	Drop Camera	16:39:02	NPC/ENVISION	50.76971167	-1.03411167	GPS aerial	<10m	3.76										1		
AQUIND NPC 2017	2	UK02	S1	UK02_02	AQUIND_DDV_UK02_02	24/07/2017	Rippled sand with some silt and coarse sediment.	Drop Camera	16:39:02	NPC/ENVISION	50.76972333	-1.03412333	GPS aerial	<10m	3.76						2				1		
AQUIND NPC 2017	2	UK02	S1	UK02_03	AQUIND_DDV_UK02_03	24/07/2017	Rippled sand with some silt and coarse sediment with red macroalgae.	Drop Camera	16:39:02	NPC/ENVISION	50.76972917	-1.03412917	GPS aerial	<10m	3.76										1		
AQUIND NPC 2017	3	RE01	S1	RE01_01	AQUIND_DDV_RE01_01	05/12/2017	Sand with cobbles and pebbles with algae	Drop Camera	07:50:00	NPC/ENVISION	50.74968330	-1.00736500	GPS aerial	<10m	6.1						5						
AQUIND NPC 2017	3	RE01	S1	RE01_02	AQUIND_DDV_RE01_02	05/12/2017	Sand with cobbles and pebbles with algae	Drop Camera	07:50:00	NPC/ENVISION	50.74981550	-1.00816053	GPS aerial	<10m	6.1						5						
AQUIND NPC 2017	3	RE01	S1	RE01_03	AQUIND_DDV_RE01_03	05/12/2017	Sand with algae	Drop Camera	07:50:00	NPC/ENVISION	50.74988160	-1.00855830	GPS aerial	<10m	6.1												
AQUIND NPC 2017	3	RE01	S1	RE01_04	AQUIND_DDV_RE01_04	05/12/2017	Sand with algae	Drop Camera	07:50:00	NPC/ENVISION	50.74994770	-1.00895607	GPS aerial	<10m	6.1												
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	05/12/2017	Sand and cobble with clumps of dead algae	Drop Camera	08:06:00	NPC/ENVISION	50.73360670	-0.97156670	GPS aerial	<10m	9.7					5	10	5					
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	05/12/2017	Sand and cobble with clumps of dead algae	Drop Camera	08:06:00	NPC/ENVISION	50.73360670	-0.97156670	GPS aerial	<10m	9.7					5	10	5					
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	05/12/2017	Sand and cobble with clumps of dead algae	Drop Camera	08:06:00	NPC/ENVISION	50.73360670	-0.97156670	GPS aerial	<10m	9.7					5	10	5					
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	05/12/2017	Dead algae	Drop Camera	08:06:00	NPC/ENVISION	50.73360670	-0.97156670	GPS aerial	<10m	9.7										6		
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	05/12/2017	Dead algae	Drop Camera	08:06:00	NPC/ENVISION	50.73360670	-0.97156670	GPS aerial	<10m	9.7					3		5					
AQUIND NPC 2017	5	RE03	S1	RE03_01	AQUIND_DDV_RE03_01	05/12/2017	Boulder with flustra and faunal turf	Drop Camera	08:40:00	NPC/ENVISION	50.69675830	-0.89630330	GPS aerial	<10m	13				70								
AQUIND NPC 2017	5	RE03	S1	RE03_02	AQUIND_DDV_RE03_02	05/12/2017	Cobbles and sand with crusts and urchin/anemone	Drop Camera	08:40:00	NPC/ENVISION	50.69678160	-0.89707330	GPS aerial	<10m	13					40	10				2		
AQUIND NPC 2017	5	RE03	S1	RE03_03	AQUIND_DDV_RE03_03	05/12/2017	Cobble and boulders with sand between and burrowing anemone	Drop Camera	08:40:00	NPC/ENVISION	50.69679325	-0.89745830	GPS aerial	<10m	13				15	35					5		
AQUIND NPC 2017	5	RE03	S1	RE03_04	AQUIND_DDV_RE03_04	05/12/2017	Sand and cobbles and pebbles	Drop Camera	08:40:00	NPC/ENVISION	50.69680490	-0.89784330	GPS aerial	<10m	13					25					5		
AQUIND NPC 2017	5	RE03	S1	RE03_05	AQUIND_DDV_RE03_05	05/12/2017	Sand and cobbles and pebbles	Drop Camera	08:40:00	NPC/ENVISION	50.69681655	-0.89822830	GPS aerial	<10m	13					25					5		
AQUIND NPC 2017	6	RE04	S1	RE04_01	AQUIND_DDV_RE04_01	05/12/2017	Gravel and shell	Drop Camera	09:24:00	NPC/ENVISION	50.65721000	-0.83643500	GPS aerial	<10m	14.7						80	2		10			
AQUIND NPC 2017	6	RE04	S1	RE04_02	AQUIND_DDV_RE04_02	05/12/2017	Coarse gravel	Drop Camera	09:24:00	NPC/ENVISION	50.65709335	-0.83754665	GPS aerial	<10m	14.7						98	2					
AQUIND NPC 2017	6	RE04	S1	RE04_03	AQUIND_DDV_RE04_03	05/12/2017	Coarse gravel	Drop Camera	09:24:00	NPC/ENVISION	50.65703503	-0.83810248	GPS aerial	<10m	14.7						98	2					
AQUIND NPC 2017	6	RE04	S1	RE04_04	AQUIND_DDV_RE04_04	05/12/2017	Coarse gravel	Drop Camera	09:24:00	NPC/ENVISION	50.65697670	-0.83865830	GPS aerial	<10m	14.7						88	2		10			
AQUIND NPC 2017	6	RE04	S1	RE04_05	AQUIND_DDV_RE04_05	05/12/2017	Coarse gravel	Drop Camera	09:24:00	NPC/ENVISION	50.65691838	-0.83921413	GPS aerial	<10m	14.7						98	2					
AQUIND NPC 2017	7	RE05	S1	RE05_01	AQUIND_DDV_RE05_01	05/12/2017	Coarse gravel and bedrock	Drop Camera	10:03:00	NPC/ENVISION	50.62734000	-0.72449170	GPS aerial	<10m	28.1	60					30	5					
AQUIND NPC 2017	7	RE05	S1	RE05_02	AQUIND_DDV_RE05_02	05/12/2017	Coarse gravel and bedrock	Drop Camera	10:03:00	NPC/ENVISION	50.62724335	-0.72530670	GPS aerial	<10m	28.1	30					40						
AQUIND NPC 2017	7	RE05	S1	RE05_03	AQUIND_DDV_RE05_03	05/12/2017	Coarse gravel and bedrock	Drop Camera	10:03:00	NPC/ENVISION	50.62719503	-0.72571420	GPS aerial	<10m	28.1	50					40	5					
AQUIND NPC 2017	7	RE05	S1	RE05_04	AQUIND_DDV_RE05_04	05/12/2017	Coarse gravel and bedrock	Drop Camera	10:03:00	NPC/ENVISION	50.62714670	-0.72612170	GPS aerial	<10m	28.1	50					40	5					
AQUIND NPC 2017	7	RE05	S1	RE05_05	AQUIND_DDV_RE05_05	05/12/2017	Coarse gravel and bedrock	Drop Camera	10:03:00	NPC/ENVISION	50.62709838	-0.72652920	GPS aerial	<10m	28.1	30					40						
AQUIND NPC 2017	8	UK10	S1	UK10_01	AQUIND_DDV_UK10_01	25/09/2017	Slightly silty rock and cobbles with faunal turf, asteroidea and bryozoa	Drop Camera	12:49:00	NPC/ENVISION	50.62020110	-0.64479000	GPS aerial	<10m	0	90				1		3			2		
AQUIND NPC 2017	8	UK10	S1	UK10_02	AQUIND_DDV_UK10_02	25/09/2017	Slightly silty rock and cobbles with faunal turf	Drop Camera	12:49:00	NPC/ENVISION	50.62000270	-0.64583000	GPS aerial	<10m	0	50		30		10	4	2			1		
AQUIND NPC 2017	9	UK11	S1	UK11_01	AQUIND_DDV_UK11_01	25/07/2017	Rippled shelly coarse sand with pebbles encrusting fauna including serpulidae	Drop Camera	06:42:46	NPC/ENVISION	50.61219833	-0.58551667	GPS aerial	<10m	28.92						4	1			5		
AQUIND NPC 2017	9	UK11	S1	UK11_02	AQUIND_DDV_UK11_02	25/07/2017	Rippled shelly coarse sand with pebbles encrusting fauna including serpulidae, and alcyonidium	Drop Camera	06:42:46	NPC/ENVISION	50.61282167	-0.58500000	GPS aerial	<10m	28.92						4	1			5		
AQUIND NPC 2017	9	UK11	S1	UK11_03	AQUIND_DDV_UK11_03	25/07/2017	Rippled shelly coarse sand with pebbles encrusting fauna including serpulidae, and hermit crab and hydrozoa	Drop Camera	06:42:46	NPC/ENVISION	50.61313333	-0.58474167	GPS aerial	<10m	28.92					1	3	1			5		
AQUIND NPC 2017	10	RE06	S1	RE06_01	AQUIND_DDV_RE06_01	05/12/2017	Pebbles and cobbles with serpulids	Drop Camera	11:04:00	NPC/ENVISION	50.60324000	-0.54966170	GPS aerial	<10m	30.3					20	80						
AQUIND NPC 2017	10	RE06	S1	RE06_02	AQUIND_DDV_RE06_02	05/12/2017	Pebbles and cobbles with serpulids	Drop Camera	11:04:00	NPC/ENVISION	50.60307750	-0.55009755	GPS aerial	<10m	30.3					20	80						
AQUIND NPC 2017	10	RE06	S1	RE06_03	AQUIND_DDV_RE06_03	05/12/2017	Pebbles and cobbles with serpulids	Drop Camera	11:04:00	NPC/ENVISION	50.60299625	-0.55031548	GPS aerial	<10m	30.3					20	80						
AQUIND NPC 2017	10	RE06	S1	RE06_04	AQUIND_DDV_RE06_04	05/12/2017	Pebbles and cobbles with serpulids	Drop Camera	11:04:00	NPC/ENVISION	50.60291500	-0.55053340	GPS aerial	<10m	30.3					20	80						
AQUIND NPC 2017	10	RE06	S1	RE06_05	AQUIND_DDV_RE06_05	05/12/2017	Pebbles and cobbles with serpulids	Drop Camera	11:04:00	NPC/ENVISION	50.60283375	-0.55075133	GPS aerial	<10m	30.3					20	80						
AQUIND NPC 2017	11	RE07	S1	RE07_01	AQUIND_DDV_RE07_01	05/12/2017	Sand with seruplid encrusted cobble	Drop Camera	11:33:00	NPC/ENVISION	50.58505830	-0.48075500	GPS aerial	<10m	49					5	5						
AQUIND NPC 2017	11	RE07	S1	RE07_02	AQUIND_DDV_RE07_02	05/12/2017	Sand with seruplid encrusted cobble	Drop Camera	11:33:00	NPC/ENVISION	50.58505830	-0.48075500	GPS aerial	<10m	49						10						
AQUIND NPC 2017	11	RE07	S1	RE07_03	AQUIND_DDV_RE07_03	05/12/2017	Sand	Drop Camera	11:33:00	NPC/ENVISION	50.58505830	-0.48075500	GPS aerial	<10m	49												
AQUIND NPC 2017	12	UK14	S1	UK14_01	AQUIND_DDV_UK14_01	25/07/2017	Pebbles and shell on silty sand with sparse epifauna	Drop Camera	08:18:19	NPC/ENVISION	50.53897000	-0.38823000	GPS aerial	<10m	60.67						65	10			5		
AQUIND NPC 2017	12	UK14	S1	UK14_02	AQUIND_DDV_UK14_02	25/07/2017	Pebbles and shell on silty sand with sparse epifauna	Drop Camera	08:18:19	NPC/ENVISION	50.53938667	-0.38888333	GPS aerial	<10m	60.67						70	5			5		
AQUIND NPC 2017	12	UK14	S1	UK14_03	AQUIND_DDV_UK14_03	25/07/2017	Pebbles and shell on silty sand with sparse epifauna	Drop Camera	08:18:19	NPC/ENVISION	50.53959500	-0.38921000	GPS aerial	<10m	60.67						65	10			5		
AQUIND NPC 2017	12	UK14	S1	UK14_04	AQUIND_DDV_UK14_04	25/07/2017	Pebbles and shell on silty sand with buccinidae and urchin	Drop Camera	08:18:19	NPC/ENVISION	50.53980333	-0.38953667	GPS aerial	<10m	60.67						65	10			5		
AQUIND NPC 2017	12	UK14	S1	UK14_05	AQUIND_DDV_UK14_05	25/07/2017	Pebbles and shell on silty sand with aequipecten and starfish	Drop Camera	08:18:19	NPC/ENVISION	50.54001167	-0.38986333	GPS aerial	<10m	60.67						65	10			5		
AQUIND NPC 2017	13	UK24	S1	UK24_01	AQUIND_DDV_UK24_01	25/09/2017	Pebbles and cobbles with some shell, faunal turf, encrusting species and hydroids	Drop Camera	14:59:00	NPC/ENVISION	50.48569870	-0.27807500	GPS aerial	<10m	55.7					5	80	5		3	3		
AQUIND NPC 2017	13	UK24	S1	UK24_02	AQUIND_DDV_UK24_02	25/09/2017	Pebbles and cobbles with some shell, faunal turf and encrusting species	Drop Camera	14:59:00	NPC/ENVISION	50.48589710	-0.27791800	GPS aerial	<10m	55.7					10	75	5		3	3		
AQUIND NPC 2017	13	UK24	S1	UK24_03	AQUIND_DDV_UK24_03	25/09/2017	Pebbles and cobbles with some shell, faunal turf, encrusting species, crab and queen scallop	Drop Camera	14:59:00	NPC/ENVISION	50.48599630	-0.27783950	GPS aerial	<10m	55.7					20	65	5		3	3		
AQUIND NPC 2017	14	UK25	S1	UK25_01	AQUIND_DDV_UK25_01	25/09/2017	Cobbles, pebbles and shell with serpulidae, sparse faunal turf, buccinidae and queen scallop	Drop Camera	15:29:00	NPC/ENVISION	50.46170040	-0.23828700	GPS aerial	<10m	53.6					1	85	7			3		
AQUIND NPC 2017	14	UK25	S1	UK25_02	AQUIND_DDV_UK25_02	25/09/2017	Cobbles, pebbles and shell with serpulidae, sparse faunal turf, and queen scallop	Drop Camera	15:29:00	NPC/ENVISION	50.46190250	-0.23712900	GPS aerial	<10m	53.6					3	65	22			5		
AQUIND NPC 2017	14	UK25	S1	UK25_03	AQUIND_DDV_UK25_03	25/09/2017	Cobbles, pebbles and shell with serpulidae, sparse faunal turf, and queen scallops	Drop Camera	15:29:00	NPC/ENVISION	50.46200355	-0.23655000	GPS aerial	<10m	53.6					8	70	15			3		
AQUIND NPC 2017	15	UK17	S1	UK17_01	AQUIND_DDV_UK17_01	25/07/2017	Pebbles and shell with sparse serpulidae and aequipecten	Drop Camera	09:18:00	NPC/ENVISION	50.42900000	-0.18260000	GPS aerial	<10m	58.2						65	5			5		
AQUIND NPC 2017	15	UK17	S1	UK17_02	AQUIND_DDV_UK17_02	25/07/2017	Pebbles and shell with sparse serpulidae	Drop Camera	09:18:00	NPC/ENVISION	50.42911833	-0.18463333	GPS aerial	<10m	58.2						70	5		2	5		
AQUIND NPC 2017	15	UK17	S1	UK17_03	AQUIND_DDV_UK17_03	25/07/2017	Pebbles and shell with sparse serpulidae and aequipecten	Drop Camera	09:18:00	NPC/ENVISION	50.42917750	-0.18565000	GPS aerial	<10m	58.2						75	5			5		

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	Date	Description	Method	Fix Time (hh:mm:ss)	Survey Run By	Latitude (DecDeg)	Longitude (DecDeg)	Position Reference Point	Positional Accuracy	Depth	Bedrock	Boulders_over1024mm	Boulders_512to1024mm	Boulders_256to512mm	Cobbles 64mm to 256mm	Pebbles 4mm to 64mm	Shells_Empty	Shells_LiveModiolus	Granule 2mm to 4mm	Shell_2mm to 16mm	DeadMaerl	LiveMaerl
AQUIND NPC 2017	16	UK18	S1	UK18_01	AQUIND_DDV_UK18_01	25/07/2017	Pebbles, shell and cobbles with serpulidae	Drop Camera	10:54:46	NPC/ENVISION	50.39708000	-0.15096000	GPS aerial	<10m	53.31					3	65	5		2	5		
AQUIND NPC 2017	16	UK18	S1	UK18_02	AQUIND_DDV_UK18_02	25/07/2017	Pebbles shell and cobbles with encrusting fauna including serpulidae and queen scallops	Drop Camera	10:54:46	NPC/ENVISION	50.39708500	-0.15346667	GPS aerial	<10m	53.31					5	60	5		2	5		
AQUIND NPC 2017	17	RE08	S1	RE08_01	AQUIND_DDV_RE08_01	24/03/2018	Coarse gravel	Drop Camera	14:18:49	NPC/ENVISION	50.37914170	-0.10233170	GPS aerial	<10m	26					5	95						
AQUIND NPC 2017	17	RE08	S1	RE08_02	AQUIND_DDV_RE08_02	24/03/2018	Coarse gravel	Drop Camera	14:18:49	NPC/ENVISION	50.37907005	-0.10289170	GPS aerial	<10m	26					5	95						
AQUIND NPC 2017	17	RE08	S1	RE08_03	AQUIND_DDV_RE08_03	24/03/2018	Coarse gravel with brittlestar	Drop Camera	14:18:49	NPC/ENVISION	50.37903423	-0.10317170	GPS aerial	<10m	26					5	95						
AQUIND NPC 2017	17	RE08	S1	RE08_04	AQUIND_DDV_RE08_04	24/03/2018	Coarse gravel with scallops	Drop Camera	14:18:49	NPC/ENVISION	50.37899840	-0.10345170	GPS aerial	<10m	26					5	95						
AQUIND NPC 2017	17	RE08	S1	RE08_05	AQUIND_DDV_RE08_05	24/03/2018	Coarse gravel with scallops	Drop Camera	14:18:49	NPC/ENVISION	50.37896258	-0.10373170	GPS aerial	<10m	26					5	95						
AQUIND NPC 2017	18	RE09	S1	RE09_01	AQUIND_DDV_RE09_01	24/03/2018	Coarse gravel	Drop Camera	14:42:08	NPC/ENVISION	50.36500000	-0.06440500	GPS aerial	<10m	55					5	95						
AQUIND NPC 2017	18	RE09	S1	RE09_02	AQUIND_DDV_RE09_02	24/03/2018	Coarse gravel with scallops	Drop Camera	14:42:08	NPC/ENVISION	50.36491000	-0.06477500	GPS aerial	<10m	55					5	95						
AQUIND NPC 2017	18	RE09	S1	RE09_03	AQUIND_DDV_RE09_03	24/03/2018	Coarse gravel with scallops	Drop Camera	14:42:08	NPC/ENVISION	50.36486500	-0.06496000	GPS aerial	<10m	55					5	95						
AQUIND NPC 2017	18	RE09	S1	RE09_04	AQUIND_DDV_RE09_04	24/03/2018	Coarse gravel with scallops	Drop Camera	14:42:08	NPC/ENVISION	50.36482000	-0.06514500	GPS aerial	<10m	55					5	95						
AQUIND NPC 2017	19	RE10	S1	RE10_01	AQUIND_DDV_RE10_01	24/03/2018	Coarse gravel with serpulids	Drop Camera	15:23:04	NPC/ENVISION	50.33328670	0.00443170	GPS aerial	<10m	50					5	95						
AQUIND NPC 2017	19	RE10	S1	RE10_02	AQUIND_DDV_RE10_02	24/03/2018	Coarse gravel with scallops	Drop Camera	15:23:04	NPC/ENVISION	50.33322590	0.00439005	GPS aerial	<10m	50					5	95						
AQUIND NPC 2017	19	RE10	S1	RE10_03	AQUIND_DDV_RE10_03	24/03/2018	Coarse gravel with scallops	Drop Camera	15:23:04	NPC/ENVISION	50.33319550	0.00436923	GPS aerial	<10m	50					5	95						
AQUIND NPC 2017	19	RE10	S1	RE10_04	AQUIND_DDV_RE10_04	24/03/2018	Coarse gravel with serpulids	Drop Camera	15:23:04	NPC/ENVISION	50.33316510	0.00434840	GPS aerial	<10m	50					5	95						
AQUIND NPC 2017	19	RE10	S1	RE10_05	AQUIND_DDV_RE10_05	24/03/2018	Coarse gravel with scallops	Drop Camera	15:23:04	NPC/ENVISION	50.33313470	0.00432758	GPS aerial	<10m	50					5	95						
AQUIND NPC 2017	20	RE11	S1	RE11_01	AQUIND_DDV_RE11_01	24/03/2018	Coarse gravel with serpulids	Drop Camera	15:50:11	NPC/ENVISION	50.29867000	0.04970830	GPS aerial	<10m	47					5	45						
AQUIND NPC 2017	20	RE11	S1	RE11_02	AQUIND_DDV_RE11_02	24/03/2018	Coarse gravel with scallops	Drop Camera	15:50:11	NPC/ENVISION	50.29867835	0.04983910	GPS aerial	<10m	47					5	45						
AQUIND NPC 2017	20	RE11	S1	RE11_03	AQUIND_DDV_RE11_03	24/03/2018	Coarse gravel with scallops	Drop Camera	15:50:11	NPC/ENVISION	50.29868253	0.04990450	GPS aerial	<10m	47					5	45						
AQUIND NPC 2017	20	RE11	S1	RE11_04	AQUIND_DDV_RE11_04	24/03/2018	Coarse gravel with serpulids	Drop Camera	15:50:11	NPC/ENVISION	50.29868670	0.04996990	GPS aerial	<10m	47					5	45						
AQUIND NPC 2017	20	RE11	S1	RE11_05	AQUIND_DDV_RE11_05	24/03/2018	Coarse gravel with scallops and starfish	Drop Camera	15:50:11	NPC/ENVISION	50.29869088	0.05003530	GPS aerial	<10m	47					5	45						
AQUIND NPC 2017	21	RE12	S1	RE12_01	AQUIND_DDV_RE12_01	24/03/2018	Coarse gravel, pebbles and boulders with encrusting worms and scallops	Drop Camera	16:15:48	NPC/ENVISION	50.27763170	0.09744830	GPS aerial	<10m	43				10	5	85						
AQUIND NPC 2017	21	RE12	S1	RE12_02	AQUIND_DDV_RE12_02	24/03/2018	Coarse gravel and pebbles with encrusting worms and scallops	Drop Camera	16:15:48	NPC/ENVISION	50.27765590	0.09771080	GPS aerial	<10m	43				5	10	85						
AQUIND NPC 2017	21	RE12	S1	RE12_03	AQUIND_DDV_RE12_03	24/03/2018	Coarse gravel and pebbles with encrusting worms and scallops	Drop Camera	16:15:48	NPC/ENVISION	50.27766800	0.09784205	GPS aerial	<10m	43					10	90						
AQUIND NPC 2017	21	RE12	S1	RE12_04	AQUIND_DDV_RE12_04	24/03/2018	Coarse gravel, pebbles and boulders with encrusting worms and scallops	Drop Camera	16:15:48	NPC/ENVISION	50.27768010	0.09797330	GPS aerial	<10m	43					10	5	85					
AQUIND NPC 2017	21	RE12	S1	RE12_05	AQUIND_DDV_RE12_05	24/03/2018	Coarse gravel and pebbles with encrusting worms and scallops	Drop Camera	16:15:48	NPC/ENVISION	50.27769220	0.09810455	GPS aerial	<10m	43					10	90						
AQUIND NPC 2017	22	RE13	S1	RE13_01	AQUIND_DDV_RE13_01	24/03/2018	Coarse sand with pebbles and cobbles, alcyonium, serpulid crusts and brittlestars	Drop Camera	16:44:01	NPC/ENVISION	50.26472500	0.16173170	GPS aerial	<10m	40					25	35				5		
AQUIND NPC 2017	22	RE13	S1	RE13_02	AQUIND_DDV_RE13_02	24/03/2018	Coarse sand with pebbles and cobbles, alcyonium, serpulid crusts and brittlestars	Drop Camera	16:44:01	NPC/ENVISION	50.26477500	0.16191204	GPS aerial	<10m	40					25	35				5		
AQUIND NPC 2017	22	RE13	S1	RE13_03	AQUIND_DDV_RE13_03	24/03/2018	Coarse sand with pebbles and cobbles, alcyonium, serpulid crusts and brittlestars	Drop Camera	16:44:01	NPC/ENVISION	50.26480000	0.16200221	GPS aerial	<10m	40					40	30				5		
AQUIND NPC 2017	22	RE13	S1	RE13_04	AQUIND_DDV_RE13_04	24/03/2018	Coarse sand with pebbles and cobbles, alcyonium, serpulid crusts and brittlestars	Drop Camera	16:44:01	NPC/ENVISION	50.26482500	0.16209238	GPS aerial	<10m	40					25	45				5		
AQUIND NPC 2017	22	RE13	S1	RE13_05	AQUIND_DDV_RE13_05	24/03/2018	Coarse sand with pebbles and cobbles, alcyonium, serpulid crusts and brittlestars	Drop Camera	16:44:01	NPC/ENVISION	50.26485000	0.16218255	GPS aerial	<10m	40					40	30				5		
AQUIND NPC 2017	22	RE13	S1	RE13_06	AQUIND_DDV_RE13_06	24/03/2018	Coarse sand with pebbles and cobbles, alcyonium, serpulid crusts and brittlestars	Drop Camera	16:44:01	NPC/ENVISION	50.26487500	0.16227272	GPS aerial	<10m	40					25	45				5		
AQUIND NPC 2017	22	RE13	S1	RE13_07	AQUIND_DDV_RE13_07	24/03/2018	Coarse sand with pebbles and cobbles, alcyonium, serpulid crusts and brittlestars	Drop Camera	16:44:01	NPC/ENVISION	50.26490000	0.16236289	GPS aerial	<10m	40					25	45				5		
AQUIND NPC 2017	22	RE13	S1	RE13_08	AQUIND_DDV_RE13_08	24/03/2018	Coarse sand with pebbles and cobbles, alcyonium, serpulid crusts and brittlestars	Drop Camera	16:44:01	NPC/ENVISION	50.26492500	0.16245306	GPS aerial	<10m	40					25	45				5		
AQUIND NPC 2017	22	RE13	S1	RE13_09	AQUIND_DDV_RE13_09	24/03/2018	Coarse sand with pebbles and cobbles, alcyonium, serpulid crusts and brittlestars	Drop Camera	16:44:01	NPC/ENVISION	50.26495000	0.16254323	GPS aerial	<10m	40					30	35				10		
AQUIND NPC 2017	22	RE13	S1	RE13_10	AQUIND_DDV_RE13_10	24/03/2018	Coarse sand with pebbles and cobbles, alcyonium, serpulid crusts and brittlestars	Drop Camera	16:44:01	NPC/ENVISION	50.26497500	0.16263340	GPS aerial	<10m	40					25	45				5		
AQUIND NPC 2017	22	RE13	S1	RE13_11	AQUIND_DDV_RE13_11	24/03/2018	Coarse sand with pebbles and cobbles, alcyonium, serpulid crusts and brittlestars	Drop Camera	16:44:01	NPC/ENVISION	50.26500000	0.16272357	GPS aerial	<10m	40					40	30				5		
AQUIND NPC 2017	23	RE14	S1	RE14_01	AQUIND_DDV_RE14_01	24/03/2018	Coarse gravel and pebbles with encrusting worms and scallops	Drop Camera	17:16:06	NPC/ENVISION	50.24297000	0.23076830	GPS aerial	<10m	42					2	95						
AQUIND NPC 2017	23	RE14	S1	RE14_02	AQUIND_DDV_RE14_02	24/03/2018	Coarse gravel and pebbles with encrusting worms and scallops		17:16:06	NPC/ENVISION	50.24302066	0.23097430	GPS aerial	<10m	42						95				2		
AQUIND NPC 2017	23	RE14	S1	RE14_03	AQUIND_DDV_RE14_03	24/03/2018	Coarse gravel and pebbles with encrusting worms and scallops		17:16:06	NPC/ENVISION	50.24304599	0.23107730	GPS aerial	<10m	42					2	95						
AQUIND NPC 2017	23	RE14	S1	RE14_04	AQUIND_DDV_RE14_04	24/03/2018	Coarse gravel and pebbles with encrusting worms and scallops		17:16:06	NPC/ENVISION	50.24307132	0.23118030	GPS aerial	<10m	42						97						
AQUIND NPC 2017	23	RE14	S1	RE14_05	AQUIND_DDV_RE14_05	24/03/2018	Coarse gravel and pebbles with encrusting worms and scallops		17:16:06	NPC/ENVISION	50.24309665	0.23128330	GPS aerial	<10m	42						95				2		
AQUIND NPC 2017	24	RE15	S1	RE15_01	AQUIND_DDV_RE15_01	24/03/2018	Coarse gravel, pebbles and boulders with encrusting worms, alcyonium and scallops	Drop Camera	17:41:37	NPC/ENVISION	50.20957330	0.26050330	GPS aerial	<10m	40					10	70						
AQUIND NPC 2017	24	RE15	S1	RE15_02	AQUIND_DDV_RE15_02	24/03/2018	Coarse gravel, pebbles with encrusting worms, alcyonium and scallops	Drop Camera	17:41:37	NPC/ENVISION	50.20980830	0.26134495	GPS aerial	<10m	40						70						
AQUIND NPC 2017	24	RE15	S1	RE15_03	AQUIND_DDV_RE15_03	24/03/2018	Coarse gravel, pebbles with encrusting worms and alcyonium	Drop Camera	17:41:37	NPC/ENVISION	50.20992580	0.26176578	GPS aerial	<10m	40				90		10						
AQUIND NPC 2017	24	RE15	S1	RE15_04	AQUIND_DDV_RE15_04	24/03/2018	Coarse gravel, pebbles with large anemone	Drop Camera	17:41:37	NPC/ENVISION	50.21004330	0.26218660	GPS aerial	<10m	40					10	85						
AQUIND NPC 2017	24	RE15	S1	RE15_05	AQUIND_DDV_RE15_05	24/03/2018	Boulder with alcyonium	Drop Camera	17:41:37	NPC/ENVISION	50.21016080	0.26260743	GPS aerial	<10m	40					5	83	2					
AQUIND NPC 2017	24	RE15	S1	RE15_06	AQUIND_DDV_RE15_06	24/03/2018	Coarse gravel, pebbles with encrusting worms and alcyonium	Drop Camera	17:41:37	NPC/ENVISION	50.21027830	0.26302825	GPS aerial	<10m	40					10	85						
AQUIND NPC 2017	24	RE15	S1	RE15_07	AQUIND_DDV_RE15_07	24/03/2018	Coarse gravel, pebbles with encrusting worms and alcyonium	Drop Camera	17:41:37	NPC/ENVISION	50.21039580	0.26344908	GPS aerial	<10m	40						90						
AQUIND NPC 2017	25	RE16	S1	RE16_01	AQUIND_DDV_RE16_01	24/03/2018	Coarse gravel, pebbles with encrusting worms and alcyonium	Drop Camera	18:23:12	NPC/ENVISION	50.18005000	0.36192170	GPS aerial	<10m	39					10	85						
AQUIND NPC 2017	25	RE16	S1	RE16_02	AQUIND_DDV_RE16_02	24/03/2018	Coarse gravel, pebbles with encrusting worms and scallops	Drop Camera	18:23:12	NPC/ENVISION	50.18013777	0.36221617	GPS aerial	<10m	39					5	75	10					

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	Date	Description	Method	Fix Time (hh:mm:ss)	Survey Run By	Latitude (DecDeg)	Longitude (DecDeg)	Position Reference Point	Positional Accuracy	Depth	Bedrock	Boulders_over1024mm	Boulders_512to1024mm	Boulders_256to512mm	Cobbles 64mm to 256mm	Pebbles 4mm to 64mm	Shells_Empty	Shells_LiveModiolus	Granule 2mm to 4mm	Shell_2mm to 16mm	DeadMaerl	LiveMaerl
AQUIND NPC 2017	25	RE16	S1	RE16_03	AQUIND_DDV_RE16_03	24/03/2018	Coarse gravel, pebbles with encrusting worms	Drop Camera	18:23:12	NPC/ENVISION	50.18018165	0.36236340	GPS aerial	<10m	39					5	75	10					
AQUIND NPC 2017	25	RE16	S1	RE16_04	AQUIND_DDV_RE16_04	24/03/2018	Coarse gravel, pebbles with encrusting worms, alcyonium and scallops	Drop Camera	18:23:12	NPC/ENVISION	50.18022553	0.36251063	GPS aerial	<10m	39					5	75	10					
AQUIND NPC 2017	26	RE17	S1	RE17_01	AQUIND_DDV_RE17_01	24/03/2018	Coarse gravel, pebbles with encrusting worms and alcyonium	Drop Camera	18:45:22	NPC/ENVISION	50.16738830	0.40389670	GPS aerial	<10m	37					5	60		3				
AQUIND NPC 2017	26	RE17	S1	RE17_02	AQUIND_DDV_RE17_02	24/03/2018	Coarse gravel, pebbles with encrusting worms	Drop Camera	18:45:22	NPC/ENVISION	50.16764270	0.40477450	GPS aerial	<10m	37						60						
AQUIND NPC 2017	26	RE17	S1	RE17_03	AQUIND_DDV_RE17_03	24/03/2018	Coarse gravel, pebbles with encrusting worms	Drop Camera	18:45:22	NPC/ENVISION	50.16776990	0.40521340	GPS aerial	<10m	37					20	30						
AQUIND NPC 2017	27	RE18	S1	RE18_01	AQUIND_DDV_RE18_01	24/03/2018	Coarse gravel, pebbles & cobbles with brittlestars	Drop Camera	19:11:33	NPC/ENVISION	50.15191170	0.44736000	GPS aerial	<10m	36					30	20						
AQUIND NPC 2017	27	RE18	S1	RE18_02	AQUIND_DDV_RE18_02	24/03/2018	Coarse gravel, pebbles & cobbles with brittlestars	Drop Camera	19:11:33	NPC/ENVISION	50.15224670	0.44879500	GPS aerial	<10m	36					20	40						
AQUIND NPC 2017	27	RE18	S1	RE18_03	AQUIND_DDV_RE18_03	24/03/2018	Coarse gravel, pebbles & cobbles with brittlestars	Drop Camera	19:11:33	NPC/ENVISION	50.15241420	0.44951250	GPS aerial	<10m	36					20	40						
AQUIND NPC 2017	27	RE18	S1	RE18_04	AQUIND_DDV_RE18_04	24/03/2018	Coarse gravel, pebbles with brittlestars	Drop Camera	19:11:33	NPC/ENVISION	50.15258170	0.45023000	GPS aerial	<10m	36						60						
AQUIND NPC 2017	28	FR08	S1	FR08_01	AQUIND_DDV_FR08_01	26/09/2017	Gravel and shell with alcyonium and serpulids	Drop Camera	11:51:00	NPC/ENVISION	50.11560060	0.59445300	GPS aerial	<10m	33						80	5			10		
AQUIND NPC 2017	28	FR08	S1	FR08_02	AQUIND_DDV_FR08_02	26/09/2017	Gravel and shell with alcyonium and serpulids	Drop Camera	11:51:00	NPC/ENVISION	50.11560060	0.59408820	GPS aerial	<10m	33						80	5			10		
AQUIND NPC 2017	28	FR08	S1	FR08_03	AQUIND_DDV_FR08_03	26/09/2017	Gravel and shell with alcyonium, serpulids and queenies	Drop Camera	11:51:00	NPC/ENVISION	50.11560060	0.59390580	GPS aerial	<10m	33						80	5			10		
AQUIND NPC 2017	28	FR08	S1	FR08_04	AQUIND_DDV_FR08_04	26/09/2017	Gravel and shell with alcyonium, serpulids, queenies and anemone	Drop Camera	11:51:00	NPC/ENVISION	50.11560060	0.59372340	GPS aerial	<10m	33						80	5			10		
AQUIND NPC 2017	28	FR08	S1	FR08_05	AQUIND_DDV_FR08_05	26/09/2017	Gravel and shell with alcyonium, serpulids and starfish	Drop Camera	11:51:00	NPC/ENVISION	50.11560060	0.59354100	GPS aerial	<10m	33						80	5			10		
AQUIND NPC 2017	28	FR08	S1	FR08_06	AQUIND_DDV_FR08_06	26/09/2017	Gravel and shell with alcyonium, serpulids and queenies	Drop Camera	11:51:00	NPC/ENVISION	50.11560060	0.59335860	GPS aerial	<10m	33						80	5			10		
AQUIND NPC 2017	29	FR17	S1	FR17_01	AQUIND_DDV_FR17_01	26/09/2017	Gravel and shell	Drop Camera	11:20:00	NPC/ENVISION	50.09439850	0.67763200	GPS aerial	<10m	31.8						85	5			3		
AQUIND NPC 2017	29	FR17	S1	FR17_02	AQUIND_DDV_FR17_02	26/09/2017	Gravel and shell with starfish	Drop Camera	11:20:00	NPC/ENVISION	50.09439850	0.67793800	GPS aerial	<10m	31.8						85	5			3		
AQUIND NPC 2017	29	FR17	S1	FR17_03	AQUIND_DDV_FR17_03	26/09/2017	Gravel and shell with serpulids and queenies	Drop Camera	11:20:00	NPC/ENVISION	50.09439850	0.67809100	GPS aerial	<10m	31.8						85	5			3		
AQUIND NPC 2017	29	FR17	S1	FR17_04	AQUIND_DDV_FR17_04	26/09/2017	Gravel and shell with serpulids and queenies	Drop Camera	11:20:00	NPC/ENVISION	50.09439850	0.67824400	GPS aerial	<10m	31.8						85	5			3		
AQUIND NPC 2017	30	FR18	S1	FR18_01	AQUIND_DDV_FR18_01	26/09/2017	Coarse gravel and shell with brittlestars, queenies and alcyonium	Drop Camera	10:43:00	NPC/ENVISION	50.07279970	0.74599300	GPS aerial	<10m	28.9						78	10			5		
AQUIND NPC 2017	30	FR18	S1	FR18_02	AQUIND_DDV_FR18_02	26/09/2017	Coarse gravel and shell with brittlestars, queenies and alcyonium	Drop Camera	10:43:00	NPC/ENVISION	50.07287906	0.74611300	GPS aerial	<10m	28.9						78	10			5		
AQUIND NPC 2017	30	FR18	S1	FR18_03	AQUIND_DDV_FR18_03	26/09/2017	Coarse gravel and shell with brittlestars, queenies and alcyonium	Drop Camera	10:43:00	NPC/ENVISION	50.07291874	0.74617300	GPS aerial	<10m	28.9						78	10			5		
AQUIND NPC 2017	30	FR18	S1	FR18_04	AQUIND_DDV_FR18_04	26/09/2017	Coarse gravel and shell with brittlestars, queenies and alcyonium	Drop Camera	10:43:00	NPC/ENVISION	50.07295842	0.74623300	GPS aerial	<10m	28.9						78	10			5		
AQUIND NPC 2017	30	FR18	S1	FR18_05	AQUIND_DDV_FR18_05	26/09/2017	Coarse gravel and shell with brittlestars, queenies and alcyonium	Drop Camera	10:43:00	NPC/ENVISION	50.07299810	0.74629300	GPS aerial	<10m	28.9						78	10			5		
AQUIND NPC 2017	30	FR18	S1	FR18_06	AQUIND_DDV_FR18_06	26/09/2017	Coarse gravel and shell with brittlestars, queenies and alcyonium	Drop Camera	10:43:00	NPC/ENVISION	50.07303778	0.74635300	GPS aerial	<10m	28.9						78	10			5		
AQUIND NPC 2017	31	FR19	S1	FR19_01	AQUIND_DDV_FR19_01	26/09/2017	Gravel sand and shell with queen scallop	Drop Camera	13:14:00	NPC/ENVISION	50.05720140	0.80175500	GPS aerial	<10m	30.1						50	5			5		
AQUIND NPC 2017	31	FR19	S1	FR19_02	AQUIND_DDV_FR19_02	26/09/2017	Gravel sand and shell	Drop Camera	13:14:00	NPC/ENVISION	50.05715180	0.80115350	GPS aerial	<10m	30.1						50	5			5		
AQUIND NPC 2017	31	FR19	S1	FR19_03	AQUIND_DDV_FR19_03	26/09/2017	Gravel sand and shell	Drop Camera	13:14:00	NPC/ENVISION	50.05712700	0.80085275	GPS aerial	<10m	30.1						50	5			5		
AQUIND NPC 2017	31	FR19	S1	FR19_04	AQUIND_DDV_FR19_04	26/09/2017	Gravel sand and shell	Drop Camera	13:14:00	NPC/ENVISION	50.05710220	0.80055200	GPS aerial	<10m	30.1						50	5			5		
AQUIND NPC 2017	31	FR19	S1	FR19_05	AQUIND_DDV_FR19_05	26/09/2017	Gravel sand and shell with queen scallops	Drop Camera	13:14:00	NPC/ENVISION	50.05707740	0.80025125	GPS aerial	<10m	30.1						40	5			5		
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01	26/09/2017	Gravel and sand with small purple urchin	Drop Camera	13:35:00	NPC/ENVISION	50.03329850	0.84425700	GPS aerial	<10m	29.5						40	5			5		
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01	26/09/2017	Gravel and sand with small purple urchin	Drop Camera	13:35:00	NPC/ENVISION	50.03329850	0.84425700	GPS aerial	<10m	29.5						40	5			5		
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01	26/09/2017	Gravel and sand with shell	Drop Camera	13:35:00	NPC/ENVISION	50.03329850	0.84425700	GPS aerial	<10m	29.5						40	5			5		
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01	26/09/2017	Gravel and sand with shell	Drop Camera	13:35:00	NPC/ENVISION	50.03329850	0.84425700	GPS aerial	<10m	29.5						40	5			5		
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01	26/09/2017	Gravel and sand with shell	Drop Camera	13:35:00	NPC/ENVISION	50.03329850	0.84425700	GPS aerial	<10m	29.5						40	5			5		
AQUIND NPC 2017	33	FR21	S1	FR21_01	AQUIND_DDV_FR21_01	26/09/2017	Gravel and sand with shell	Drop Camera	16:09:00	NPC/ENVISION	49.98669820	0.92939700	GPS aerial	<10m	28.2						50	5			5		
AQUIND NPC 2017	33	FR21	S1	FR21_02	AQUIND_DDV_FR21_02	26/09/2017	Gravel and sand with shell and Whelk	Drop Camera	16:09:00	NPC/ENVISION	49.98674780	0.92940700	GPS aerial	<10m	28.2						50	5			5		
AQUIND NPC 2017	33	FR21	S1	FR21_03	AQUIND_DDV_FR21_03	26/09/2017	Gravel and sand with shell and starfish	Drop Camera	16:09:00	NPC/ENVISION	49.98677260	0.92941200	GPS aerial	<10m	28.2						50	5			5		
AQUIND NPC 2017	33	FR21	S1	FR21_04	AQUIND_DDV_FR21_04	26/09/2017	Gravel sand and shell with queen scallops	Drop Camera	16:09:00	NPC/ENVISION	49.98679740	0.92941700	GPS aerial	<10m	28.2						50	5			5		
AQUIND NPC 2017	33	FR21	S1	FR21_05	AQUIND_DDV_FR21_05	26/09/2017	Gravel sand and shell with queen scallops	Drop Camera	16:09:00	NPC/ENVISION	49.98682220	0.92942200	GPS aerial	<10m	28.2						50	5			5		
AQUIND NPC 2017	34	FR22	S1	FR22_01	AQUIND_DDV_FR22_01	26/09/2017	Gravel and sand	Drop Camera	16:40:00	NPC/ENVISION	49.95180130	0.99400800	GPS aerial	<10m	15.7					2	53						
AQUIND NPC 2017	34	FR22	S1	FR22_02	AQUIND_DDV_FR22_02	26/09/2017	Gravel, sand and starfish	Drop Camera	16:40:00	NPC/ENVISION	49.95206830	0.99426000	GPS aerial	<10m	15.7					2	53						
AQUIND NPC 2017	34	FR22	S1	FR22_03	AQUIND_DDV_FR22_03	26/09/2017	Pebbly gravel with Alcyonium	Drop Camera	16:40:00	NPC/ENVISION	49.95220180	0.99438600	GPS aerial	<10m	15.7					2	53						
AQUIND NPC 2017	34	FR22	S1	FR22_04	AQUIND_DDV_FR22_04	26/09/2017	Pebbly gravel with Flustra	Drop Camera	16:40:00	NPC/ENVISION	49.95233530	0.99451200	GPS aerial	<10m	15.7					2	53						
AQUIND NPC 2017	35	FR23	S1	FR23_01	AQUIND_DDV_FR23_01	26/09/2017	Rippled sand	Drop Camera	17:01:00	NPC/ENVISION	49.92549900	1.02155010	GPS aerial	<10m	10.2												
AQUIND NPC 2017	35	FR23	S1	FR23_02	AQUIND_DDV_FR23_02	26/09/2017	Rippled sand	Drop Camera	17:01:00	NPC/ENVISION	49.92559820	1.02184515	GPS aerial	<10m	10.2												
AQUIND NPC 2017	35	FR23	S1	FR23_03	AQUIND_DDV_FR23_03	26/09/2017	Rippled sand	Drop Camera	17:01:00	NPC/ENVISION	49.92564780	1.02199268	GPS aerial	<10m	10.2												
AQUIND NPC 2017	35	FR23	S1	FR23_04	AQUIND_DDV_FR23_04	26/09/2017	Rippled sand	Drop Camera	17:01:00	NPC/ENVISION	49.92569740	1.02214020	GPS aerial	<10m	10.2												
AQUIND NPC 2017	35	FR23	S1	FR23_05	AQUIND_DDV_FR23_05	26/09/2017	Rippled sand	Drop Camera	17:01:00	NPC/ENVISION	49.92574700	1.02228773	GPS aerial	<10m	10.2												
AQUIND NPC 2017	36	FR01	S1	FR01_01	AQUIND_DDV_FR01_01	26/09/2017	Silty sand, rock and shell with faunal turf and alcyonidium	Drop Camera	07:46:00	NPC/ENVISION	49.93529890	1.07112000	GPS aerial	<10m	7.1				25			2			2		
AQUIND NPC 2017	36	FR01	S1	FR01_02	AQUIND_DDV_FR01_02	26/09/2017	Silty sand, rock and shell with faunal turf and alcyonidium	Drop Camera	07:46:00	NPC/ENVISION	49.93529890	1.07144010	GPS aerial	<10m	7.1					15	2	1			2		
AQUIND NPC 2017	36	FR01	S1	FR01_03	AQUIND_DDV_FR01_03	26/09/2017	Silty sand, rock and shell with faunal turf and alcyonidium	Drop Camera	07:46:00	NPC/ENVISION	49.93529890	1.07160015	GPS aerial	<10m	7.1				15			2			2		

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	Date	Description	Method	Fix Time (hh:mm:ss)	Survey Run By	Latitude (DecDeg)	Longitude (DecDeg)	Position Reference Point	Positional Accuracy	Depth	Bedrock	Boulders_over1024mm	Boulders_512to1024mm	Boulders_256to512mm	Cobbles 64mm to 256mm	Pebbles 4mm to 64mm	Shells_Empty	Shells_LiveModiolus	Granule 2mm to 4mm	Shell_2mm to 16mm	DeadMaerl	LiveMaerl
AQUIND NPC 2017	37	FR02	S1	FR02_01	AQUIND_DDV_FR02_01	26/09/2017	Pebbles, shell and coarse sediment with flustridae and serpulidae	Drop Camera	08:02:00	NPC/ENVISION	49.94900130	1.06153000	GPS aerial	<10m	10.3						55	35		1	3		
AQUIND NPC 2017	37	FR02	S1	FR02_02	AQUIND_DDV_FR02_02	26/09/2017	Pebbles, shell and coarse sediment with serpulidae and slipper limpets	Drop Camera	08:02:00	NPC/ENVISION	49.94900130	1.06231000	GPS aerial	<10m	10.3						50	40		1	3		
AQUIND NPC 2017	37	FR02	S1	FR02_03	AQUIND_DDV_FR02_03	26/09/2017	Pebbles, shell and coarse sediment with serpulidae and slipper limpets	Drop Camera	08:02:00	NPC/ENVISION	49.94900130	1.06270000	GPS aerial	<10m	10.3					1	60	30		1	3		
AQUIND NPC 2017	38	FR03	S1	FR03_01	AQUIND_DDV_FR03_01	26/09/2017	Coarse gravel with shell and little epifauna	Drop Camera	08:26:00	NPC/ENVISION	49.97660060	1.03961000	GPS aerial	<10m	17.2						83	5			5		
AQUIND NPC 2017	38	FR03	S1	FR03_02	AQUIND_DDV_FR03_02	26/09/2017	Coarse gravel with shell and little epifauna	Drop Camera	08:26:00	NPC/ENVISION	49.97650140	1.03847000	GPS aerial	<10m	17.2						83	5			5		
AQUIND NPC 2017	38	FR03	S1	FR03_03	AQUIND_DDV_FR03_03	26/09/2017	Coarse gravel with shell and little epifauna	Drop Camera	08:26:00	NPC/ENVISION	49.97645180	1.03790000	GPS aerial	<10m	17.2						83	5			5		
AQUIND NPC 2017	39	FR04	S1	FR04_01	AQUIND_DDV_FR04_01	26/09/2017	Gravel with shells and queenies	Drop Camera	08:43:00	NPC/ENVISION	49.99929810	1.01630000	GPS aerial	<10m	21.2						60	10			15		
AQUIND NPC 2017	39	FR04	S1	FR04_02	AQUIND_DDV_FR04_02	26/09/2017	Gravel with shells and queenies	Drop Camera	08:43:00	NPC/ENVISION	49.99944690	1.01696505	GPS aerial	<10m	21.2						60	10			15		
AQUIND NPC 2017	39	FR04	S1	FR04_03	AQUIND_DDV_FR04_03	26/09/2017	Gravel with shells and queenies	Drop Camera	08:43:00	NPC/ENVISION	49.99952130	1.01729758	GPS aerial	<10m	21.2						60	10			15		
AQUIND NPC 2017	39	FR04	S1	FR04_04	AQUIND_DDV_FR04_04	26/09/2017	Gravel with shells, bivalves and asterias	Drop Camera	08:43:00	NPC/ENVISION	49.99959570	1.01763010	GPS aerial	<10m	21.2						60	10			15		
AQUIND NPC 2017	39	FR04	S1	FR04_05	AQUIND_DDV_FR04_05	26/09/2017	Shells and gravel	Drop Camera	08:43:00	NPC/ENVISION	49.99967010	1.01796263	GPS aerial	<10m	21.2						5	75			5		
AQUIND NPC 2017	40	FR05	S1	FR05_01	AQUIND_DDV_FR05_01	26/09/2017	Gravel with shells and queenies	Drop Camera	09:10:00	NPC/ENVISION	50.03020100	0.96893200	GPS aerial	<10m	23.1						80	3			10		
AQUIND NPC 2018	40	FR05	S2	FR05_02	AQUIND_DDV_FR05_02	26/09/2017	Coarse gravel with flustra	Drop Camera	09:10:00	NPC/ENVISION	50.03028188	0.96932960	GPS aerial	<10m	23.1						80	3			10		
AQUIND NPC 2019	40	FR05	S3	FR05_03	AQUIND_DDV_FR05_03	26/09/2017	Coarse gravel with flustra	Drop Camera	09:10:00	NPC/ENVISION	50.03032232	0.96952840	GPS aerial	<10m	23.1						80	3			10		
AQUIND NPC 2020	40	FR05	S4	FR05_04	AQUIND_DDV_FR05_04	26/09/2017	Coarse gravel	Drop Camera	09:10:00	NPC/ENVISION	50.03036276	0.96972720	GPS aerial	<10m	23.1						80	3			10		
AQUIND NPC 2021	40	FR05	S5	FR05_05	AQUIND_DDV_FR05_05	26/09/2017	Coarse gravel, lanice	Drop Camera	09:10:00	NPC/ENVISION	50.03040320	0.96992600	GPS aerial	<10m	23.1						80	3			10		
AQUIND NPC 2022	40	FR05	S6	FR05_06	AQUIND_DDV_FR05_06	26/09/2017	Coarse gravel and tube	Drop Camera	09:10:00	NPC/ENVISION	50.03044364	0.97012480	GPS aerial	<10m	23.1						80	3			10		
AQUIND NPC 2017	41	FR06	S1	FR06_01	AQUIND_DDV_FR06_01	26/09/2017	Coarse shelly sand	Drop Camera	09:52:00	NPC/ENVISION	50.07759860	0.84934800	GPS aerial	<10m	26						10				2		
AQUIND NPC 2017	41	FR06	S1	FR06_02	AQUIND_DDV_FR06_02	26/09/2017	Coarse shelly sand	Drop Camera	09:52:00	NPC/ENVISION	50.07779700	0.85012533	GPS aerial	<10m	26						10				2		
AQUIND NPC 2017	41	FR06	S1	FR06_03	AQUIND_DDV_FR06_03	26/09/2017	Coarse shelly sand	Drop Camera	09:52:00	NPC/ENVISION	50.07789620	0.85051400	GPS aerial	<10m	26						10				2		
AQUIND NPC 2017	41	FR06	S1	FR06_04	AQUIND_DDV_FR06_04	26/09/2017	Coarse shelly sand	Drop Camera	09:52:00	NPC/ENVISION	50.07799540	0.85090267	GPS aerial	<10m	26						10				2		
AQUIND NPC 2017	42	FR07	S1	FR07_01	AQUIND_DDV_FR07_01	26/09/2017	Coarse gravel and shell with queenies	Drop Camera	10:20:00	NPC/ENVISION	50.09080120	0.77524300	GPS aerial	<10m	28.9						80	5			10		
AQUIND NPC 2017	42	FR07	S1	FR07_02	AQUIND_DDV_FR07_02	26/09/2017	Coarse gravel and shell with queenies	Drop Camera	10:20:00	NPC/ENVISION	50.09086987	0.77564500	GPS aerial	<10m	28.9						80	5			10		
AQUIND NPC 2017	42	FR07	S1	FR07_03	AQUIND_DDV_FR07_03	26/09/2017	Coarse gravel and shell with queenies	Drop Camera	10:20:00	NPC/ENVISION	50.09090420	0.77584600	GPS aerial	<10m	28.9						80	5			10		
AQUIND NPC 2017	42	FR07	S1	FR07_04	AQUIND_DDV_FR07_04	26/09/2017	Coarse gravel and shell	Drop Camera	10:20:00	NPC/ENVISION	50.09093853	0.77604700	GPS aerial	<10m	28.9						80	5			10		

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	Sand 0.063mm to 2mm	Mud less than 0.063mm	Artificial	Biogenic Reef	Total %	RemoveZero	AutoEunisGroup	AutoRock	Broadscale Habitat	Habitat FOCI	Annex 1 Habitats	Scottish MPA Features	EUNIS code	MNCR code	Classification (Exact copy of MNCR descriptor)	Secondary EUNIS code	Secondary MNCR code	Secondary Classification (Exact copy of MNCR descriptor)	DeterminedBy	Visual quality of sample
AQUIND NPC 2017	1	UK01	S1	UK01_01	AQUIND_DDV_UK01_01	90	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.13	SS.SCS.ICS	Infralittoral Coarse Sediment				AB	Poor
AQUIND NPC 2017	1	UK01	S1	UK01_02	AQUIND_DDV_UK01_02	90	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.13	SS.SCS.ICS	Infralittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	1	UK01	S1	UK01_03	AQUIND_DDV_UK01_03	92	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.13	SS.SCS.ICS	Infralittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	2	UK02	S1	UK02_01	AQUIND_DDV_UK02_01	99				100	0.0001	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				AB	Good
AQUIND NPC 2017	2	UK02	S1	UK02_02	AQUIND_DDV_UK02_02	97				100	0.0001	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				AB	Excellent
AQUIND NPC 2017	2	UK02	S1	UK02_03	AQUIND_DDV_UK02_03	99				100	0.0001	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				AB	Good
AQUIND NPC 2017	3	RE01	S1	RE01_01	AQUIND_DDV_RE01_01	95				100	0.0001	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Good
AQUIND NPC 2017	3	RE01	S1	RE01_02	AQUIND_DDV_RE01_02	95				100	0.0001	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Good
AQUIND NPC 2017	3	RE01	S1	RE01_03	AQUIND_DDV_RE01_03	100				100	0.0001	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Good
AQUIND NPC 2017	3	RE01	S1	RE01_04	AQUIND_DDV_RE01_04	100				100	0.0001	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Good
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	72	8			100	8	mixed sediment		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Poor
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	72	8			100	8	mixed sediment		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Poor
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	72	8			100	8	mixed sediment		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Poor
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	80	19			105	19	mixed sediment		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Poor
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	82	10			100	10	mixed sediment		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Poor
AQUIND NPC 2017	5	RE03	S1	RE03_01	AQUIND_DDV_RE03_01	30				100	0.0001	coarse sediment	Rock	A4.2 - Moderate Energy Circalittoral Rock				A4.21	CR.MCR	Moderate energy circalittoral rock				IS	Good
AQUIND NPC 2017	5	RE03	S1	RE03_02	AQUIND_DDV_RE03_02	48				100	0.0001	coarse sediment	Rock	A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment	A4.2 - Moderate Energy Circalittoral Rock	CR.MCR	Moderate energy circalittoral rock	IS	Good
AQUIND NPC 2017	5	RE03	S1	RE03_03	AQUIND_DDV_RE03_03	45				100	0.0001	coarse sediment	Rock	A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment	A4.2 - Moderate Energy Circalittoral Rock	CR.MCR	Moderate energy circalittoral rock	IS	Good
AQUIND NPC 2017	5	RE03	S1	RE03_04	AQUIND_DDV_RE03_04	70				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	5	RE03	S1	RE03_05	AQUIND_DDV_RE03_05	70				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	6	RE04	S1	RE04_01	AQUIND_DDV_RE04_01	8				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	6	RE04	S1	RE04_02	AQUIND_DDV_RE04_02					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	6	RE04	S1	RE04_03	AQUIND_DDV_RE04_03					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	6	RE04	S1	RE04_04	AQUIND_DDV_RE04_04					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	6	RE04	S1	RE04_05	AQUIND_DDV_RE04_05					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	7	RE05	S1	RE05_01	AQUIND_DDV_RE05_01	5				100	0.0001	coarse sediment	Rock	A4.2 - Moderate Energy Circalittoral Rock				A4.21	CR.MCR	Moderate energy circalittoral rock	A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment	IS	Good
AQUIND NPC 2017	7	RE05	S1	RE05_02	AQUIND_DDV_RE05_02	30				100	0.0001	coarse sediment	Rock	A4.2 - Moderate Energy Circalittoral Rock				A4.21	CR.MCR	Moderate energy circalittoral rock	A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment	IS	Good
AQUIND NPC 2017	7	RE05	S1	RE05_03	AQUIND_DDV_RE05_03	5				100	0.0001	coarse sediment	Rock	A4.2 - Moderate Energy Circalittoral Rock				A4.21	CR.MCR	Moderate energy circalittoral rock	A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment	IS	Good
AQUIND NPC 2017	7	RE05	S1	RE05_04	AQUIND_DDV_RE05_04	5				100	0.0001	coarse sediment	Rock	A4.2 - Moderate Energy Circalittoral Rock				A4.21	CR.MCR	Moderate energy circalittoral rock	A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment	IS	Good
AQUIND NPC 2017	7	RE05	S1	RE05_05	AQUIND_DDV_RE05_05	30				100	0.0001	coarse sediment	Rock	A4.2 - Moderate Energy Circalittoral Rock				A4.21	CR.MCR	Moderate energy circalittoral rock	A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment	IS	Good
AQUIND NPC 2017	8	UK10	S1	UK10_01	AQUIND_DDV_UK10_01	1	3			100		coarse sediment	Rock	A4.2 - Moderate Energy Circalittoral Rock				A4.2	CR.MCR	Moderate energy circalittoral rock				AB	Very Poor
AQUIND NPC 2017	8	UK10	S1	UK10_02	AQUIND_DDV_UK10_02	1	2			100		coarse sediment	Rock	A4.2 - Moderate Energy Circalittoral Rock				A4.2	CR.MCR	Moderate energy circalittoral rock				AB	Very Poor
AQUIND NPC 2017	9	UK11	S1	UK11_01	AQUIND_DDV_UK11_01	89	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Poor
AQUIND NPC 2017	9	UK11	S1	UK11_02	AQUIND_DDV_UK11_02	89	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Poor
AQUIND NPC 2017	9	UK11	S1	UK11_03	AQUIND_DDV_UK11_03	89	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Poor
AQUIND NPC 2017	10	RE06	S1	RE06_01	AQUIND_DDV_RE06_01					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	10	RE06	S1	RE06_02	AQUIND_DDV_RE06_02					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	10	RE06	S1	RE06_03	AQUIND_DDV_RE06_03					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	10	RE06	S1	RE06_04	AQUIND_DDV_RE06_04					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	10	RE06	S1	RE06_05	AQUIND_DDV_RE06_05					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	11	RE07	S1	RE07_01	AQUIND_DDV_RE07_01	90				100	0.0001	coarse sediment		Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	11	RE07	S1	RE07_02	AQUIND_DDV_RE07_02	90				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	11	RE07	S1	RE07_03	AQUIND_DDV_RE07_03	100				100	0.0001	sand and muddy sand		A5.2 - Subtidal Sand				A5.25	SS.SSa.CFiSa	Circalittoral fine sand				IS	Good
AQUIND NPC 2017	12	UK14	S1	UK14_01	AQUIND_DDV_UK14_01	19	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	12	UK14	S1	UK14_02	AQUIND_DDV_UK14_02	19	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	12	UK14	S1	UK14_03	AQUIND_DDV_UK14_03	19	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	12	UK14	S1	UK14_04	AQUIND_DDV_UK14_04	19	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	12	UK14	S1	UK14_05	AQUIND_DDV_UK14_05	19	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	13	UK24	S1	UK24_01	AQUIND_DDV_UK24_01	3	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Poor
AQUIND NPC 2017	13	UK24	S1	UK24_02	AQUIND_DDV_UK24_02	3	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Poor
AQUIND NPC 2017	13	UK24	S1	UK24_03	AQUIND_DDV_UK24_03	3	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Poor
AQUIND NPC 2017	14	UK25	S1	UK25_01	AQUIND_DDV_UK25_01	3	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	14	UK25	S1	UK25_02	AQUIND_DDV_UK25_02	4	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	14	UK25	S1	UK25_03	AQUIND_DDV_UK25_03	3	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	15	UK17	S1	UK17_01	AQUIND_DDV_UK17_01	24	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	15	UK17	S1	UK17_02	AQUIND_DDV_UK17_02	17	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	15	UK17	S1	UK17_03	AQUIND_DDV_UK17_03	14	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	Sand 0.063mm to 2mm	Mud less than 0.063mm	Artificial	Biogenic Reef	Total %	RemoveZero	AutoEunisGroup	AutoRock	Broadscale Habitat	Habitat FOCI	Annex 1 Habitats	Scottish MPA Features	EUNIS code	MNCR code	Classification (Exact copy of MNCR descriptor)	Secondary EUNIS code	Secondary MNCR code	Secondary Classification (Exact copy of MNCR descriptor)	DeterminedBy	Visual quality of sample
AQUIND NPC 2017	16	UK18	S1	UK18_01	AQUIND_DDV_UK18_01	19	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	16	UK18	S1	UK18_02	AQUIND_DDV_UK18_02	22	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	17	RE08	S1	RE08_01	AQUIND_DDV_RE08_01					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	17	RE08	S1	RE08_02	AQUIND_DDV_RE08_02					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	17	RE08	S1	RE08_03	AQUIND_DDV_RE08_03					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	17	RE08	S1	RE08_04	AQUIND_DDV_RE08_04					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	17	RE08	S1	RE08_05	AQUIND_DDV_RE08_05					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	18	RE09	S1	RE09_01	AQUIND_DDV_RE09_01					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	18	RE09	S1	RE09_02	AQUIND_DDV_RE09_02					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	18	RE09	S1	RE09_03	AQUIND_DDV_RE09_03					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	18	RE09	S1	RE09_04	AQUIND_DDV_RE09_04					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	19	RE10	S1	RE10_01	AQUIND_DDV_RE10_01					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	19	RE10	S1	RE10_02	AQUIND_DDV_RE10_02					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	19	RE10	S1	RE10_03	AQUIND_DDV_RE10_03					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	19	RE10	S1	RE10_04	AQUIND_DDV_RE10_04					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	19	RE10	S1	RE10_05	AQUIND_DDV_RE10_05					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	20	RE11	S1	RE11_01	AQUIND_DDV_RE11_01	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	20	RE11	S1	RE11_02	AQUIND_DDV_RE11_02	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	20	RE11	S1	RE11_03	AQUIND_DDV_RE11_03	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	20	RE11	S1	RE11_04	AQUIND_DDV_RE11_04	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	20	RE11	S1	RE11_05	AQUIND_DDV_RE11_05	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment					
AQUIND NPC 2017	21	RE12	S1	RE12_01	AQUIND_DDV_RE12_01					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	21	RE12	S1	RE12_02	AQUIND_DDV_RE12_02					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	21	RE12	S1	RE12_03	AQUIND_DDV_RE12_03					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	21	RE12	S1	RE12_04	AQUIND_DDV_RE12_04					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	21	RE12	S1	RE12_05	AQUIND_DDV_RE12_05					100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	22	RE13	S1	RE13_01	AQUIND_DDV_RE13_01	30	5			100	5	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	22	RE13	S1	RE13_02	AQUIND_DDV_RE13_02	30	5			100	5	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	22	RE13	S1	RE13_03	AQUIND_DDV_RE13_03	20	5			100	5	mixed sediment	Rock	A5.1 - Subtidal Coarse Sediment				A5.141	SS.SCS.CCS.PomB	Pomatoceros triqueter with barnacles and bryozoan crusts on unstable circalittoral cobbles and pebbles				IS	Good
AQUIND NPC 2017	22	RE13	S1	RE13_04	AQUIND_DDV_RE13_04	20	5			100	5	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	22	RE13	S1	RE13_05	AQUIND_DDV_RE13_05	20	5			100	5	mixed sediment	Rock	A5.1 - Subtidal Coarse Sediment				A5.141	SS.SCS.CCS.PomB	Pomatoceros triqueter with barnacles and bryozoan crusts on unstable circalittoral cobbles and pebbles				IS	Good
AQUIND NPC 2017	22	RE13	S1	RE13_06	AQUIND_DDV_RE13_06	20	5			100	5	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	22	RE13	S1	RE13_07	AQUIND_DDV_RE13_07	20	5			100	5	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	22	RE13	S1	RE13_08	AQUIND_DDV_RE13_08	20	5			100	5	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	22	RE13	S1	RE13_09	AQUIND_DDV_RE13_09	20	5			100	5	mixed sediment	Rock	A5.1 - Subtidal Coarse Sediment				A5.141	SS.SCS.CCS.PomB	Pomatoceros triqueter with barnacles and bryozoan crusts on unstable circalittoral cobbles and pebbles				IS	Good
AQUIND NPC 2017	22	RE13	S1	RE13_10	AQUIND_DDV_RE13_10	20	5			100	5	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	22	RE13	S1	RE13_11	AQUIND_DDV_RE13_11	20	5			100	5	mixed sediment	Rock	A5.1 - Subtidal Coarse Sediment				A5.141	SS.SCS.CCS.PomB	Pomatoceros triqueter with barnacles and bryozoan crusts on unstable circalittoral cobbles and pebbles				IS	Good
AQUIND NPC 2017	23	RE14	S1	RE14_01	AQUIND_DDV_RE14_01	3				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	23	RE14	S1	RE14_02	AQUIND_DDV_RE14_02	3				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	23	RE14	S1	RE14_03	AQUIND_DDV_RE14_03	3				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	23	RE14	S1	RE14_04	AQUIND_DDV_RE14_04	3				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	23	RE14	S1	RE14_05	AQUIND_DDV_RE14_05	3				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	24	RE15	S1	RE15_01	AQUIND_DDV_RE15_01	20				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	24	RE15	S1	RE15_02	AQUIND_DDV_RE15_02	30				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	24	RE15	S1	RE15_03	AQUIND_DDV_RE15_03					100	0.0001	coarse sediment	Rock	A4.2 - Moderate Energy Circalittoral Rock				A4.21	CR.MCR	Moderate energy circalittoral rock				IS	Good
AQUIND NPC 2017	24	RE15	S1	RE15_04	AQUIND_DDV_RE15_04	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	24	RE15	S1	RE15_05	AQUIND_DDV_RE15_05	10				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	24	RE15	S1	RE15_06	AQUIND_DDV_RE15_06	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	24	RE15	S1	RE15_07	AQUIND_DDV_RE15_07	10				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	25	RE16	S1	RE16_01	AQUIND_DDV_RE16_01	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	25	RE16	S1	RE16_02	AQUIND_DDV_RE16_02	10				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	Sand 0.063mm to 2mm	Mud less than 0.063mm	Artificial	Biogenic Reef	Total %	RemoveZero	AutoEunisGroup	AutoRock	Broadscale Habitat	Habitat FOCI	Annex 1 Habitats	Scottish MPA Features	EUNIS code	MNCR code	Classification (Exact copy of MNCR descriptor)	Secondary EUNIS code	Secondary MNCR code	Secondary Classification (Exact copy of MNCR descriptor)	DeterminedBy	Visual quality of sample
AQUIND NPC 2017	25	RE16	S1	RE16_03	AQUIND_DDV_RE16_03	10				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	25	RE16	S1	RE16_04	AQUIND_DDV_RE16_04	10				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	26	RE17	S1	RE17_01	AQUIND_DDV_RE17_01	30	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	26	RE17	S1	RE17_02	AQUIND_DDV_RE17_02	40				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	26	RE17	S1	RE17_03	AQUIND_DDV_RE17_03	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	27	RE18	S1	RE18_01	AQUIND_DDV_RE18_01	45	5			100	5	mixed sediment	Rock	A5.1 - Subtidal Coarse Sediment				A5.141	SS.SCS.CCS.PomB	Pomatoceros triqueter with barnacles and bryozoan crusts on unstable circalittoral cobbles and pebbles				IS	Good
AQUIND NPC 2017	27	RE18	S1	RE18_02	AQUIND_DDV_RE18_02	35	5			100	5	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	27	RE18	S1	RE18_03	AQUIND_DDV_RE18_03	35	5			100	5	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	27	RE18	S1	RE18_04	AQUIND_DDV_RE18_04	35	5			100	5	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	28	FR08	S1	FR08_01	AQUIND_DDV_FR08_01	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	28	FR08	S1	FR08_02	AQUIND_DDV_FR08_02	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	28	FR08	S1	FR08_03	AQUIND_DDV_FR08_03	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	28	FR08	S1	FR08_04	AQUIND_DDV_FR08_04	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	28	FR08	S1	FR08_05	AQUIND_DDV_FR08_05	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	28	FR08	S1	FR08_06	AQUIND_DDV_FR08_06	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	29	FR17	S1	FR17_01	AQUIND_DDV_FR17_01	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Poor
AQUIND NPC 2017	29	FR17	S1	FR17_02	AQUIND_DDV_FR17_02	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Poor
AQUIND NPC 2017	29	FR17	S1	FR17_03	AQUIND_DDV_FR17_03	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Poor
AQUIND NPC 2017	29	FR17	S1	FR17_04	AQUIND_DDV_FR17_04	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Poor
AQUIND NPC 2017	30	FR18	S1	FR18_01	AQUIND_DDV_FR18_01	5	3			101	3	coarse sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	30	FR18	S1	FR18_02	AQUIND_DDV_FR18_02	5	3			101	3	coarse sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	30	FR18	S1	FR18_03	AQUIND_DDV_FR18_03	5	3			101	3	coarse sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	30	FR18	S1	FR18_04	AQUIND_DDV_FR18_04	5	3			101	3	coarse sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	30	FR18	S1	FR18_05	AQUIND_DDV_FR18_05	5	3			101	3	coarse sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	30	FR18	S1	FR18_06	AQUIND_DDV_FR18_06	5	3			101	3	coarse sediment		A5.4 - Subtidal Mixed Sediment				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment				IS	Good
AQUIND NPC 2017	31	FR19	S1	FR19_01	AQUIND_DDV_FR19_01	40				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	31	FR19	S1	FR19_02	AQUIND_DDV_FR19_02	40				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	31	FR19	S1	FR19_03	AQUIND_DDV_FR19_03	40				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	31	FR19	S1	FR19_04	AQUIND_DDV_FR19_04	40				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	31	FR19	S1	FR19_05	AQUIND_DDV_FR19_05	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01	50				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	33	FR21	S1	FR21_01	AQUIND_DDV_FR21_01	38	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	33	FR21	S1	FR21_02	AQUIND_DDV_FR21_02	38	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	33	FR21	S1	FR21_03	AQUIND_DDV_FR21_03	38	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	33	FR21	S1	FR21_04	AQUIND_DDV_FR21_04	38	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	33	FR21	S1	FR21_05	AQUIND_DDV_FR21_05	38	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	34	FR22	S1	FR22_01	AQUIND_DDV_FR22_01	43	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	34	FR22	S1	FR22_02	AQUIND_DDV_FR22_02	43	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	34	FR22	S1	FR22_03	AQUIND_DDV_FR22_03	43	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	34	FR22	S1	FR22_04	AQUIND_DDV_FR22_04	43	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	35	FR23	S1	FR23_01	AQUIND_DDV_FR23_01	98	2			100	2	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Good
AQUIND NPC 2017	35	FR23	S1	FR23_02	AQUIND_DDV_FR23_02	98	2			100	2	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Good
AQUIND NPC 2017	35	FR23	S1	FR23_03	AQUIND_DDV_FR23_03	98	2			100	2	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Good
AQUIND NPC 2017	35	FR23	S1	FR23_04	AQUIND_DDV_FR23_04	98	2			100	2	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Good
AQUIND NPC 2017	35	FR23	S1	FR23_05	AQUIND_DDV_FR23_05	98	2			100	2	sand and muddy sand		A5.2 - Subtidal Sand				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Good
AQUIND NPC 2017	36	FR01	S1	FR01_01	AQUIND_DDV_FR01_01	61	10			100	10	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.44	SS.SMx.CMx	Circalittoral mixed sediment				AB	Very Poor
AQUIND NPC 2017	36	FR01	S1	FR01_02	AQUIND_DDV_FR01_02	70	10			100	10	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.44	SS.SMx.CMx	Circalittoral mixed sediment				AB	Very Poor
AQUIND NPC 2017	36	FR01	S1	FR01_03	AQUIND_DDV_FR01_03	71	10			100	10	mixed sediment		A5.4 - Subtidal Mixed Sediment				A5.44	SS.SMx.CMx	Circalittoral mixed sediment				AB	Very Poor

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	Sand 0.063mm to 2mm	Mud less than 0.063mm	Artificial	Biogenic Reef	Total %	RemoveZero	AutoEunisGroup	AutoRock	Broadscale Habitat	Habitat FOCI	Annex 1 Habitats	Scottish MPA Features	EUNIS code	MNCR code	Classification (Exact copy of MNCR descriptor)	Secondary EUNIS code	Secondary MNCR code	Secondary Classification (Exact copy of MNCR descriptor)	DeterminedBy	Visual quality of sample
AQUIND NPC 2017	37	FR02	S1	FR02_01	AQUIND_DDV_FR02_01	4	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	37	FR02	S1	FR02_02	AQUIND_DDV_FR02_02	4	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	37	FR02	S1	FR02_03	AQUIND_DDV_FR02_03	3	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	38	FR03	S1	FR03_01	AQUIND_DDV_FR03_01	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	38	FR03	S1	FR03_02	AQUIND_DDV_FR03_02	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	38	FR03	S1	FR03_03	AQUIND_DDV_FR03_03	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	39	FR04	S1	FR04_01	AQUIND_DDV_FR04_01	10	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	39	FR04	S1	FR04_02	AQUIND_DDV_FR04_02	10	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	39	FR04	S1	FR04_03	AQUIND_DDV_FR04_03	10	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	39	FR04	S1	FR04_04	AQUIND_DDV_FR04_04	10	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	39	FR04	S1	FR04_05	AQUIND_DDV_FR04_05	10	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	40	FR05	S1	FR05_01	AQUIND_DDV_FR05_01	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2018	40	FR05	S2	FR05_02	AQUIND_DDV_FR05_02	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2019	40	FR05	S3	FR05_03	AQUIND_DDV_FR05_03	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2020	40	FR05	S4	FR05_04	AQUIND_DDV_FR05_04	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2021	40	FR05	S5	FR05_05	AQUIND_DDV_FR05_05	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2022	40	FR05	S6	FR05_06	AQUIND_DDV_FR05_06	5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	41	FR06	S1	FR06_01	AQUIND_DDV_FR06_01	87	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	41	FR06	S1	FR06_02	AQUIND_DDV_FR06_02	87	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	41	FR06	S1	FR06_03	AQUIND_DDV_FR06_03	87	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	41	FR06	S1	FR06_04	AQUIND_DDV_FR06_04	87	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	42	FR07	S1	FR07_01	AQUIND_DDV_FR07_01	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	42	FR07	S1	FR07_02	AQUIND_DDV_FR07_02	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	42	FR07	S1	FR07_03	AQUIND_DDV_FR07_03	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	42	FR07	S1	FR07_04	AQUIND_DDV_FR07_04	5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	COMMENTS	Litter	COMPLETED BY:-
AQUIND NPC 2017	1	UK01	S1	UK01_01	AQUIND_DDV_UK01_01	Substrate not clear due to suspended sediment in water column.		AB
AQUIND NPC 2017	1	UK01	S1	UK01_02	AQUIND_DDV_UK01_02			AB
AQUIND NPC 2017	1	UK01	S1	UK01_03	AQUIND_DDV_UK01_03			AB
AQUIND NPC 2017	2	UK02	S1	UK02_01	AQUIND_DDV_UK02_01			AB
AQUIND NPC 2017	2	UK02	S1	UK02_02	AQUIND_DDV_UK02_02			AB
AQUIND NPC 2017	2	UK02	S1	UK02_03	AQUIND_DDV_UK02_03	slightly out of focus		AB
AQUIND NPC 2017	3	RE01	S1	RE01_01	AQUIND_DDV_RE01_01			IS
AQUIND NPC 2017	3	RE01	S1	RE01_02	AQUIND_DDV_RE01_02			IS
AQUIND NPC 2017	3	RE01	S1	RE01_03	AQUIND_DDV_RE01_03			IS
AQUIND NPC 2017	3	RE01	S1	RE01_04	AQUIND_DDV_RE01_04			IS
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	Restricted visibiity		IS
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	Restricted visibiity		IS
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	Restricted visibiity		IS
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	Restricted visibiity		IS
AQUIND NPC 2017	4	RE02	S1	RE02_01	AQUIND_DDV_RE02_01	Restricted visibiity		IS
AQUIND NPC 2017	5	RE03	S1	RE03_01	AQUIND_DDV_RE03_01			IS
AQUIND NPC 2017	5	RE03	S1	RE03_02	AQUIND_DDV_RE03_02			IS
AQUIND NPC 2017	5	RE03	S1	RE03_03	AQUIND_DDV_RE03_03			IS
AQUIND NPC 2017	5	RE03	S1	RE03_04	AQUIND_DDV_RE03_04			IS
AQUIND NPC 2017	5	RE03	S1	RE03_05	AQUIND_DDV_RE03_05			IS
AQUIND NPC 2017	6	RE04	S1	RE04_01	AQUIND_DDV_RE04_01			IS
AQUIND NPC 2017	6	RE04	S1	RE04_02	AQUIND_DDV_RE04_02			IS
AQUIND NPC 2017	6	RE04	S1	RE04_03	AQUIND_DDV_RE04_03			IS
AQUIND NPC 2017	6	RE04	S1	RE04_04	AQUIND_DDV_RE04_04			IS
AQUIND NPC 2017	6	RE04	S1	RE04_05	AQUIND_DDV_RE04_05			IS
AQUIND NPC 2017	7	RE05	S1	RE05_01	AQUIND_DDV_RE05_01			IS
AQUIND NPC 2017	7	RE05	S1	RE05_02	AQUIND_DDV_RE05_02			IS
AQUIND NPC 2017	7	RE05	S1	RE05_03	AQUIND_DDV_RE05_03			IS
AQUIND NPC 2017	7	RE05	S1	RE05_04	AQUIND_DDV_RE05_04			IS
AQUIND NPC 2017	7	RE05	S1	RE05_05	AQUIND_DDV_RE05_05			IS
AQUIND NPC 2017	8	UK10	S1	UK10_01	AQUIND_DDV_UK10_01	Most of image in darkness, insufficient lighting and suspended sediment		AB
AQUIND NPC 2017	8	UK10	S1	UK10_02	AQUIND_DDV_UK10_02	Most of image in darkness, insufficient lighting		AB
AQUIND NPC 2017	9	UK11	S1	UK11_01	AQUIND_DDV_UK11_01	top of image obscured by suspended sediment and dark		AB
AQUIND NPC 2017	9	UK11	S1	UK11_02	AQUIND_DDV_UK11_02	top of image obscured by suspended sediment and dark		AB
AQUIND NPC 2017	9	UK11	S1	UK11_03	AQUIND_DDV_UK11_03	top of image obscured by suspended sediment and dark		AB
AQUIND NPC 2017	10	RE06	S1	RE06_01	AQUIND_DDV_RE06_01			IS
AQUIND NPC 2017	10	RE06	S1	RE06_02	AQUIND_DDV_RE06_02			IS
AQUIND NPC 2017	10	RE06	S1	RE06_03	AQUIND_DDV_RE06_03			IS
AQUIND NPC 2017	10	RE06	S1	RE06_04	AQUIND_DDV_RE06_04			IS
AQUIND NPC 2017	10	RE06	S1	RE06_05	AQUIND_DDV_RE06_05			IS
AQUIND NPC 2017	11	RE07	S1	RE07_01	AQUIND_DDV_RE07_01			IS
AQUIND NPC 2017	11	RE07	S1	RE07_02	AQUIND_DDV_RE07_02			IS
AQUIND NPC 2017	11	RE07	S1	RE07_03	AQUIND_DDV_RE07_03			IS
AQUIND NPC 2017	12	UK14	S1	UK14_01	AQUIND_DDV_UK14_01	Camera tilted upwards so top of image dark and distant		AB
AQUIND NPC 2017	12	UK14	S1	UK14_02	AQUIND_DDV_UK14_02	Camera tilted upwards so top of image dark and distant		AB
AQUIND NPC 2017	12	UK14	S1	UK14_03	AQUIND_DDV_UK14_03	Camera tilted upwards so top of image dark and distant		AB
AQUIND NPC 2017	12	UK14	S1	UK14_04	AQUIND_DDV_UK14_04	Camera tilted upwards so top of image dark and distant		AB
AQUIND NPC 2017	12	UK14	S1	UK14_05	AQUIND_DDV_UK14_05	Camera tilted upwards so top of image dark and distant		AB
AQUIND NPC 2017	13	UK24	S1	UK24_01	AQUIND_DDV_UK24_01	Top of image in darkness and camera tilted upwards.		AB
AQUIND NPC 2017	13	UK24	S1	UK24_02	AQUIND_DDV_UK24_02	Top of image in darkness and camera tilted upwards.		AB
AQUIND NPC 2017	13	UK24	S1	UK24_03	AQUIND_DDV_UK24_03	Top of image in darkness and camera tilted upwards.		AB
AQUIND NPC 2017	14	UK25	S1	UK25_01	AQUIND_DDV_UK25_01	Top of image in darkness and camera tilted upwards and camera system visisble in bottom of image		AB
AQUIND NPC 2017	14	UK25	S1	UK25_02	AQUIND_DDV_UK25_02	Top of image in darkness and camera tilted upwards and camera system visisble in bottom of image		AB
AQUIND NPC 2017	14	UK25	S1	UK25_03	AQUIND_DDV_UK25_03	Top of image in darkness and camera tilted upwards and camera system visisble in bottom of image		AB
AQUIND NPC 2017	15	UK17	S1	UK17_01	AQUIND_DDV_UK17_01	Dark at top of image and some blurring.	Possible trawl marks here	AB
AQUIND NPC 2017	15	UK17	S1	UK17_02	AQUIND_DDV_UK17_02	Dark at top of image and some blurring.		AB
AQUIND NPC 2017	15	UK17	S1	UK17_03	AQUIND_DDV_UK17_03	Dark at top of image and some blurring.		AB

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	COMMENTS	Litter	COMPLETED BY:-
AQUIND NPC 2017	16	UK18	S1	UK18_01	AQUIND_DDV_UK18_01	Top of image in darkness		AB
AQUIND NPC 2017	16	UK18	S1	UK18_02	AQUIND_DDV_UK18_02	Top of image in darkness		AB
AQUIND NPC 2017	17	RE08	S1	RE08_01	AQUIND_DDV_RE08_01			IS
AQUIND NPC 2017	17	RE08	S1	RE08_02	AQUIND_DDV_RE08_02			IS
AQUIND NPC 2017	17	RE08	S1	RE08_03	AQUIND_DDV_RE08_03			IS
AQUIND NPC 2017	17	RE08	S1	RE08_04	AQUIND_DDV_RE08_04			IS
AQUIND NPC 2017	17	RE08	S1	RE08_05	AQUIND_DDV_RE08_05			IS
AQUIND NPC 2017	18	RE09	S1	RE09_01	AQUIND_DDV_RE09_01			IS
AQUIND NPC 2017	18	RE09	S1	RE09_02	AQUIND_DDV_RE09_02			IS
AQUIND NPC 2017	18	RE09	S1	RE09_03	AQUIND_DDV_RE09_03			IS
AQUIND NPC 2017	18	RE09	S1	RE09_04	AQUIND_DDV_RE09_04			IS
AQUIND NPC 2017	19	RE10	S1	RE10_01	AQUIND_DDV_RE10_01			IS
AQUIND NPC 2017	19	RE10	S1	RE10_02	AQUIND_DDV_RE10_02			IS
AQUIND NPC 2017	19	RE10	S1	RE10_03	AQUIND_DDV_RE10_03			IS
AQUIND NPC 2017	19	RE10	S1	RE10_04	AQUIND_DDV_RE10_04			IS
AQUIND NPC 2017	19	RE10	S1	RE10_05	AQUIND_DDV_RE10_05			IS
AQUIND NPC 2017	20	RE11	S1	RE11_01	AQUIND_DDV_RE11_01			IS
AQUIND NPC 2017	20	RE11	S1	RE11_02	AQUIND_DDV_RE11_02			IS
AQUIND NPC 2017	20	RE11	S1	RE11_03	AQUIND_DDV_RE11_03			IS
AQUIND NPC 2017	20	RE11	S1	RE11_04	AQUIND_DDV_RE11_04			IS
AQUIND NPC 2017	20	RE11	S1	RE11_05	AQUIND_DDV_RE11_05			
AQUIND NPC 2017	21	RE12	S1	RE12_01	AQUIND_DDV_RE12_01			IS
AQUIND NPC 2017	21	RE12	S1	RE12_02	AQUIND_DDV_RE12_02			IS
AQUIND NPC 2017	21	RE12	S1	RE12_03	AQUIND_DDV_RE12_03			IS
AQUIND NPC 2017	21	RE12	S1	RE12_04	AQUIND_DDV_RE12_04			IS
AQUIND NPC 2017	21	RE12	S1	RE12_05	AQUIND_DDV_RE12_05			IS
AQUIND NPC 2017	22	RE13	S1	RE13_01	AQUIND_DDV_RE13_01			IS
AQUIND NPC 2017	22	RE13	S1	RE13_02	AQUIND_DDV_RE13_02			IS
AQUIND NPC 2017	22	RE13	S1	RE13_03	AQUIND_DDV_RE13_03			IS
AQUIND NPC 2017	22	RE13	S1	RE13_04	AQUIND_DDV_RE13_04			IS
AQUIND NPC 2017	22	RE13	S1	RE13_05	AQUIND_DDV_RE13_05			IS
AQUIND NPC 2017	22	RE13	S1	RE13_06	AQUIND_DDV_RE13_06			IS
AQUIND NPC 2017	22	RE13	S1	RE13_07	AQUIND_DDV_RE13_07			IS
AQUIND NPC 2017	22	RE13	S1	RE13_08	AQUIND_DDV_RE13_08			IS
AQUIND NPC 2017	22	RE13	S1	RE13_09	AQUIND_DDV_RE13_09			IS
AQUIND NPC 2017	22	RE13	S1	RE13_10	AQUIND_DDV_RE13_10			IS
AQUIND NPC 2017	22	RE13	S1	RE13_11	AQUIND_DDV_RE13_11			IS
AQUIND NPC 2017	23	RE14	S1	RE14_01	AQUIND_DDV_RE14_01			IS
AQUIND NPC 2017	23	RE14	S1	RE14_02	AQUIND_DDV_RE14_02			IS
AQUIND NPC 2017	23	RE14	S1	RE14_03	AQUIND_DDV_RE14_03			IS
AQUIND NPC 2017	23	RE14	S1	RE14_04	AQUIND_DDV_RE14_04			IS
AQUIND NPC 2017	23	RE14	S1	RE14_05	AQUIND_DDV_RE14_05			IS
AQUIND NPC 2017	24	RE15	S1	RE15_01	AQUIND_DDV_RE15_01			IS
AQUIND NPC 2017	24	RE15	S1	RE15_02	AQUIND_DDV_RE15_02			IS
AQUIND NPC 2017	24	RE15	S1	RE15_03	AQUIND_DDV_RE15_03			IS
AQUIND NPC 2017	24	RE15	S1	RE15_04	AQUIND_DDV_RE15_04			IS
AQUIND NPC 2017	24	RE15	S1	RE15_05	AQUIND_DDV_RE15_05			IS
AQUIND NPC 2017	24	RE15	S1	RE15_06	AQUIND_DDV_RE15_06			IS
AQUIND NPC 2017	24	RE15	S1	RE15_07	AQUIND_DDV_RE15_07			IS
AQUIND NPC 2017	25	RE16	S1	RE16_01	AQUIND_DDV_RE16_01	No UHD video just HD		IS
AQUIND NPC 2017	25	RE16	S1	RE16_02	AQUIND_DDV_RE16_02	No UHD video just HD		IS

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	COMMENTS	Litter	COMPLETED BY:-
AQUIND NPC 2017	25	RE16	S1	RE16_03	AQUIND_DDV_RE16_03	No UHD video just HD		IS
AQUIND NPC 2017	25	RE16	S1	RE16_04	AQUIND_DDV_RE16_04	No UHD video just HD		IS
AQUIND NPC 2017	26	RE17	S1	RE17_01	AQUIND_DDV_RE17_01	No UHD video just HD		IS
AQUIND NPC 2017	26	RE17	S1	RE17_02	AQUIND_DDV_RE17_02	No UHD video just HD		IS
AQUIND NPC 2017	26	RE17	S1	RE17_03	AQUIND_DDV_RE17_03	No UHD video just HD		IS
AQUIND NPC 2017	27	RE18	S1	RE18_01	AQUIND_DDV_RE18_01	No UHD video just HD		IS
AQUIND NPC 2017	27	RE18	S1	RE18_02	AQUIND_DDV_RE18_02	No UHD video just HD		IS
AQUIND NPC 2017	27	RE18	S1	RE18_03	AQUIND_DDV_RE18_03	No UHD video just HD		IS
AQUIND NPC 2017	27	RE18	S1	RE18_04	AQUIND_DDV_RE18_04	No UHD video just HD		IS
AQUIND NPC 2017	28	FR08	S1	FR08_01	AQUIND_DDV_FR08_01			IS
AQUIND NPC 2017	28	FR08	S1	FR08_02	AQUIND_DDV_FR08_02			IS
AQUIND NPC 2017	28	FR08	S1	FR08_03	AQUIND_DDV_FR08_03			IS
AQUIND NPC 2017	28	FR08	S1	FR08_04	AQUIND_DDV_FR08_04			IS
AQUIND NPC 2017	28	FR08	S1	FR08_05	AQUIND_DDV_FR08_05			IS
AQUIND NPC 2017	28	FR08	S1	FR08_06	AQUIND_DDV_FR08_06			IS
AQUIND NPC 2017	29	FR17	S1	FR17_01	AQUIND_DDV_FR17_01	Suspended sediment restricting visibility		IS
AQUIND NPC 2017	29	FR17	S1	FR17_02	AQUIND_DDV_FR17_02	Suspended sediment restricting visibility		IS
AQUIND NPC 2017	29	FR17	S1	FR17_03	AQUIND_DDV_FR17_03	Suspended sediment restricting visibility		IS
AQUIND NPC 2017	29	FR17	S1	FR17_04	AQUIND_DDV_FR17_04	Suspended sediment restricting visibility		IS
AQUIND NPC 2017	30	FR18	S1	FR18_01	AQUIND_DDV_FR18_01			IS
AQUIND NPC 2017	30	FR18	S1	FR18_02	AQUIND_DDV_FR18_02			IS
AQUIND NPC 2017	30	FR18	S1	FR18_03	AQUIND_DDV_FR18_03			IS
AQUIND NPC 2017	30	FR18	S1	FR18_04	AQUIND_DDV_FR18_04			IS
AQUIND NPC 2017	30	FR18	S1	FR18_05	AQUIND_DDV_FR18_05			IS
AQUIND NPC 2017	30	FR18	S1	FR18_06	AQUIND_DDV_FR18_06			IS
AQUIND NPC 2017	31	FR19	S1	FR19_01	AQUIND_DDV_FR19_01			IS
AQUIND NPC 2017	31	FR19	S1	FR19_02	AQUIND_DDV_FR19_02			IS
AQUIND NPC 2017	31	FR19	S1	FR19_03	AQUIND_DDV_FR19_03			IS
AQUIND NPC 2017	31	FR19	S1	FR19_04	AQUIND_DDV_FR19_04			IS
AQUIND NPC 2017	31	FR19	S1	FR19_05	AQUIND_DDV_FR19_05			IS
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01			IS
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01			IS
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01			IS
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01			IS
AQUIND NPC 2017	32	FR20	S1	FR20_01	AQUIND_DDV_FR20_01			IS
AQUIND NPC 2017	33	FR21	S1	FR21_01	AQUIND_DDV_FR21_01			IS
AQUIND NPC 2017	33	FR21	S1	FR21_02	AQUIND_DDV_FR21_02			IS
AQUIND NPC 2017	33	FR21	S1	FR21_03	AQUIND_DDV_FR21_03			IS
AQUIND NPC 2017	33	FR21	S1	FR21_04	AQUIND_DDV_FR21_04			IS
AQUIND NPC 2017	33	FR21	S1	FR21_05	AQUIND_DDV_FR21_05			IS
AQUIND NPC 2017	34	FR22	S1	FR22_01	AQUIND_DDV_FR22_01			IS
AQUIND NPC 2017	34	FR22	S1	FR22_02	AQUIND_DDV_FR22_02			IS
AQUIND NPC 2017	34	FR22	S1	FR22_03	AQUIND_DDV_FR22_03			IS
AQUIND NPC 2017	34	FR22	S1	FR22_04	AQUIND_DDV_FR22_04			IS
AQUIND NPC 2017	35	FR23	S1	FR23_01	AQUIND_DDV_FR23_01			IS
AQUIND NPC 2017	35	FR23	S1	FR23_02	AQUIND_DDV_FR23_02			IS
AQUIND NPC 2017	35	FR23	S1	FR23_03	AQUIND_DDV_FR23_03			IS
AQUIND NPC 2017	35	FR23	S1	FR23_04	AQUIND_DDV_FR23_04			IS
AQUIND NPC 2017	35	FR23	S1	FR23_05	AQUIND_DDV_FR23_05			IS
AQUIND NPC 2017	36	FR01	S1	FR01_01	AQUIND_DDV_FR01_01	Camera tilted up and suspended sediment obscures view of substrate, camera system in bottom of image, insufficient lighting		AB
AQUIND NPC 2017	36	FR01	S1	FR01_02	AQUIND_DDV_FR01_02	Not clear due to suspended sediment, camera system in bottom of image, insufficient lighting		AB
AQUIND NPC 2017	36	FR01	S1	FR01_03	AQUIND_DDV_FR01_03	Not clear due to suspended sediment, camera system in bottom of image, insufficient lighting		AB

SURVEY NAME	Sampling station	Station code	Segment	Image Code	Still Sample Ref	COMMENTS	Litter	COMPLETED BY:-
AQUIND NPC 2017	37	FR02	S1	FR02_01	AQUIND_DDV_FR02_01	Top of image in darkness and camera tilted upwards.		AB
AQUIND NPC 2017	37	FR02	S1	FR02_02	AQUIND_DDV_FR02_02	Top of image in darkness and camera tilted upwards.		AB
AQUIND NPC 2017	37	FR02	S1	FR02_03	AQUIND_DDV_FR02_03	Top of image in darkness and camera tilted upwards.		AB
AQUIND NPC 2017	38	FR03	S1	FR03_01	AQUIND_DDV_FR03_01			IS
AQUIND NPC 2017	38	FR03	S1	FR03_02	AQUIND_DDV_FR03_02			IS
AQUIND NPC 2017	38	FR03	S1	FR03_03	AQUIND_DDV_FR03_03			IS
AQUIND NPC 2017	39	FR04	S1	FR04_01	AQUIND_DDV_FR04_01			IS
AQUIND NPC 2017	39	FR04	S1	FR04_02	AQUIND_DDV_FR04_02			IS
AQUIND NPC 2017	39	FR04	S1	FR04_03	AQUIND_DDV_FR04_03			IS
AQUIND NPC 2017	39	FR04	S1	FR04_04	AQUIND_DDV_FR04_04			IS
AQUIND NPC 2017	39	FR04	S1	FR04_05	AQUIND_DDV_FR04_05			IS
AQUIND NPC 2017	40	FR05	S1	FR05_01	AQUIND_DDV_FR05_01			IS
AQUIND NPC 2018	40	FR05	S2	FR05_02	AQUIND_DDV_FR05_02			IS
AQUIND NPC 2019	40	FR05	S3	FR05_03	AQUIND_DDV_FR05_03			IS
AQUIND NPC 2020	40	FR05	S4	FR05_04	AQUIND_DDV_FR05_04			IS
AQUIND NPC 2021	40	FR05	S5	FR05_05	AQUIND_DDV_FR05_05			IS
AQUIND NPC 2022	40	FR05	S6	FR05_06	AQUIND_DDV_FR05_06			IS
AQUIND NPC 2017	41	FR06	S1	FR06_01	AQUIND_DDV_FR06_01			IS
AQUIND NPC 2017	41	FR06	S1	FR06_02	AQUIND_DDV_FR06_02			IS
AQUIND NPC 2017	41	FR06	S1	FR06_03	AQUIND_DDV_FR06_03			IS
AQUIND NPC 2017	41	FR06	S1	FR06_04	AQUIND_DDV_FR06_04			IS
AQUIND NPC 2017	42	FR07	S1	FR07_01	AQUIND_DDV_FR07_01			IS
AQUIND NPC 2017	42	FR07	S1	FR07_02	AQUIND_DDV_FR07_02			IS
AQUIND NPC 2017	42	FR07	S1	FR07_03	AQUIND_DDV_FR07_03			IS
AQUIND NPC 2017	42	FR07	S1	FR07_04	AQUIND_DDV_FR07_04			IS

Species (still)

Sampling station	Video SAMPLE Ref	Species	TaxonVersionKey (ID Code)	Qualifier Lifeform>morph >colour	Abundance	SACFOR
1	UK01_01	Chlorophyceae	802		2%	O
1	UK01_01	Phaeophyceae	830		1%	O
1	UK01_01	Rhodophyceae	21263		2%	O
2	UK01_02	Rhodophyceae	21263		7%	F
2	UK01_02	Chlorophyceae	802		3%	O
2	UK01_02	Phaeophyceae	830		3%	O
2	UK01_02	U. faunal turf	#N/A		<1%	R
3	RE01_01	No identifiable taxa	#N/A			
3	RE01_02	No identifiable taxa	#N/A			
3	RE01_03	No identifiable taxa	#N/A			
3	RE01_04	No identifiable taxa	#N/A			
4	RE02_01	No identifiable taxa	#N/A			
4	RE02_02	No identifiable taxa	#N/A			
4	RE02_03	No identifiable taxa	#N/A			
4	RE02_04	No identifiable taxa	#N/A			
4	RE02_05	No identifiable taxa	#N/A			
5	RE03_01	Flustridae	110749		20%	A
5	RE03_01	U. encrusting fauna	#N/A		20%	C
5	RE03_02	Serpulidae	988		<1%	R
5	RE03_02	Actiniidae			1	C
5	RE03_02	U. encrusting fauna	#N/A		1%	R
5	RE03_03	Actiniidae			1	C
5	RE03_03	Serpulidae	988		<1%	R
5	RE03_04	Serpulidae	988		<1%	R
5	RE03_05	Serpulidae	988		<1%	R
5	RE03_05	Lanice	129697	tube	1	F
6	RE04_01	No identifiable taxa	#N/A			
6	RE04_02	No identifiable taxa	#N/A			
6	RE04_03	No identifiable taxa	#N/A			
6	RE04_04	No identifiable taxa	#N/A			
6	RE04_05	No identifiable taxa	#N/A			
7	RE05_01	No identifiable taxa	#N/A			
7	RE05_02	Flustridae	110749		2%	O
7	RE05_03	Serpulidae	988		<1%	R
7	RE05_04	No identifiable taxa	#N/A			
7	RE05_05	Flustridae	110749		<1%	R
8	UK10_01	Asteroidea	123080		1	C
8	UK10_01	U. faunal turf	#N/A		30%	A
8	UK10_01	Flustridae	110749		3%	O
8	UK10_02	U. faunal turf	#N/A		8%	F
8	UK10_02	Serpulidae	988		<1%	R
9	UK11_01	Serpulidae	988		<1%	R
9	UK11_01	Bryozoa	146142	encrusting orange	<1%	R
9	UK11_02	Serpulidae	988		<1%	R
9	UK11_02	Alcyonidium	110993		1	C
9	UK11_03	Serpulidae	988		<1%	R
9	UK11_03	Paguridae	106738		1	C
9	UK11_03	Hydrozoa	1337		<1%	R
10	RE06_01	Serpulidae	988		2%	R
10	RE06_01	U. encrusting fauna	#N/A	Bryozoan	1%	R
10	RE06_02	Serpulidae	988		2%	R
10	RE06_02	U. encrusting fauna	#N/A	Bryozoan	1%	R
10	RE06_03	Serpulidae	988		2%	R
10	RE06_03	U. encrusting fauna	#N/A	Bryozoan	1%	R
10	RE06_04	Serpulidae	988		2%	R
10	RE06_04	U. encrusting fauna	#N/A	Bryozoan	1%	R
10	RE06_04	Asteroidea	123080		1	c
10	RE06_05	Serpulidae	988		2%	R
11	RE07_01	Serpulidae	988		1%	R
11	RE07_02	Serpulidae	988		<1%	R
11	RE07_03	No identifiable taxa	#N/A			
12	UK14_01	Serpulidae	988		<1%	R
12	UK14_02	Serpulidae	988		<1%	R
12	UK14_03	Serpulidae	988		<1%	R
12	UK14_04	Buccinidae	149		1	C
12	UK14_04	Echinoidea	123082		1	C
12	UK14_05	Aequipecten opercularis	140687		1	C
12	UK14_05	Asteroidea	123080		1	C
12	UK14_05	Serpulidae	988		<1%	R
13	UK24_01	Serpulidae	988		1%	R
13	UK24_01	U. faunal turf	#N/A		2%	R
13	UK24_01	Hydrozoa	1337		1%	R
13	UK24_01	Calliostoma	138584		2	F
13	UK24_02	Serpulidae	988		1%	R
13	UK24_02	U. faunal turf	#N/A		2%	R
13	UK24_03	Serpulidae	988		2%	R
13	UK24_03	U. faunal turf	#N/A		2%	R
13	UK24_03	Brachyura	106673		1	C
13	UK24_03	Gobiidae	125537		1	C
13	UK24_03	Aequipecten opercularis	140687		2	C
14	UK25_01	Aequipecten opercularis	140687		1	C
14	UK25_01	U. faunal turf	#N/A		<1%	R
14	UK25_01	Buccinidae	149		1	C
14	UK25_01	Serpulidae	988		1%	R
14	UK25_02	Aequipecten opercularis	140687		1	C
14	UK25_02	U. faunal turf	#N/A		<1%	R
14	UK25_02	Serpulidae	988		1%	R
14	UK25_03	Aequipecten opercularis	140687		3	C
14	UK25_03	Asteroidea	123080	Asterias?	1	C
14	UK25_03	Serpulidae	988		1%	R
15	UK17_01	Aequipecten opercularis	140687		2	C
15	UK17_01	Serpulidae	988		<1%	R
15	UK17_02	Serpulidae	988		<1%	R
15	UK17_03	Aequipecten opercularis	140687		1	C
15	UK17_03	Serpulidae	988		<1%	R
16	UK18_01	Serpulidae	988		<1%	R
16	UK18_01	U. faunal crust	#N/A		<1%	R
16	UK18_02	Aequipecten opercularis	140687		2	C
16	UK18_02	Serpulidae	988		<1%	R
16	UK18_02	U. faunal crust	#N/A	on cobble	1%	R
16	UK18_02	Balanomorpha	106039		<1%	R
17	RE08_01	Serpulidae	988		<1%	R
17	RE08_02	Serpulidae	988		<1%	R
17	RE08_03	Serpulidae	988		<1%	R

Sampling station	Video SAMPLE Ref	Species	TaxonVersionKey (ID Code)	Qualifier Lifeform>morph >colour	Abundance	SACFOR
17	RE08_03	Ophiuridae	123200		2	C
17	RE08_04	Aequipecten opercularis	140687		1	C
17	RE08_04	Serpulidae	988		<1%	R
17	RE08_05	Aequipecten opercularis	140687		2	C
17	RE08_05	Serpulidae	988		<1%	R
18	RE09_01	No identifiable taxa	#N/A			
18	RE09_02	Aequipecten opercularis	140687		2	C
18	RE09_02	Serpulidae	988		<1%	R
18	RE09_03	Pecten maximus	140712		1	C
18	RE09_03	Serpulidae	988		<1%	R
18	RE09_04	No identifiable taxa	#N/A			
18	RE09_05	No identifiable taxa	#N/A			
19	RE10_01	Aequipecten opercularis	140687		1	C
19	RE10_01	Serpulidae	988		<1%	R
19	RE10_02	Aequipecten opercularis	140687		2	C
19	RE10_02	Serpulidae	988		<1%	R
19	RE10_03	Aequipecten opercularis	140687		2	C
19	RE10_03	Serpulidae	988		<1%	R
19	RE10_04	Aequipecten opercularis	140687		2	C
19	RE10_04	Serpulidae	988		<1%	R
19	RE10_05	Aequipecten opercularis	140687		2	C
19	RE10_05	Serpulidae	988		<1%	R
20	RE11_01	Serpulidae	988		<1%	R
20	RE11_02	Aequipecten opercularis	140687		5	C
20	RE11_02	Serpulidae	988		<1%	R
20	RE11_03	Aequipecten opercularis	140687		4	C
20	RE11_03	Serpulidae	988		<1%	R
20	RE11_04	Aequipecten opercularis	140687		2	C
20	RE11_04	Serpulidae	988		<1%	R
20	RE11_05	Aequipecten opercularis	140687		2	C
20	RE11_05	Serpulidae	988		<1%	R
20	RE11_05	Asteroidea	123080		2	C
21	RE12_01	Aequipecten opercularis	140687		2	C
21	RE12_01	Serpulidae	988		1%	R
21	RE12_02	Serpulidae	988		<1%	R
21	RE12_03	Aequipecten opercularis	140687		1	C
21	RE12_03	Serpulidae	988		<1%	R
21	RE12_04	Serpulidae	988		1%	R
21	RE12_05	Aequipecten opercularis	140687		1	C
21	RE12_05	Serpulidae	988		<1%	R
22	RE13_01	Ophiothrix	123626	20+	20	A
22	RE13_01	Serpulidae	988		1%	R
22	RE13_01	Alcyonium digitatum	125333		2%	O
22	RE13_01	Aequipecten opercularis	140687		1	C
22	RE13_02	Ophiothrix	123626	25+	25	A
22	RE13_02	Serpulidae	988		1%	R
22	RE13_03	Ophiothrix	123626	50+	50	A
22	RE13_03	Serpulidae	988		<1%	R
22	RE13_03	Alcyonium digitatum	125333		<1%	R
22	RE13_04	Ophiothrix	123626	50+	50	A
22	RE13_04	Serpulidae	988		1%	R
22	RE13_04	Alcyonium digitatum	125333		2%	O
22	RE13_04	Aequipecten opercularis	140687		2	C
22	RE13_05	Ophiothrix	123626	50+	50	A
22	RE13_05	Serpulidae	988		<1%	R
22	RE13_05	Aequipecten opercularis	140687		1	C
22	RE13_06	Ophiothrix	123626	50+	50	A
22	RE13_06	Serpulidae	988		<1%	R
22	RE13_06	Alcyonium digitatum	125333		<1%	R
22	RE13_06	Aequipecten opercularis	140687		1	C
22	RE13_07	Ophiothrix	123626	50+	50	A
22	RE13_07	Serpulidae	988		<1%	R
22	RE13_07	Alcyonium digitatum	125333		1%	O
22	RE13_08	Ophiothrix	123626	20+	20	A
22	RE13_08	Serpulidae	988		<1%	R
22	RE13_08	Alcyonium digitatum	125333		<1%	R
22	RE13_09	Ophiothrix	123626	20+	20	A
22	RE13_09	Serpulidae	988		<1%	R
22	RE13_09	Alcyonium digitatum	125333		<1%	R
22	RE13_09	Actiniidae	100653		1	C
22	RE13_10	Ophiothrix	123626	20+	20	A
22	RE13_10	Serpulidae	988		<1%	R
22	RE13_10	Alcyonium digitatum	125333		<1%	R
22	RE13_11	Ophiothrix	123626	20+	20	A
22	RE13_11	Serpulidae	988		<1%	R
22	RE13_11	Alcyonium digitatum	125333		<1%	R
23	RE14_01	Aequipecten opercularis	140687		3	C
23	RE14_01	Serpulidae	988		<1%	R
23	RE14_02	Aequipecten opercularis	140687		6	C
23	RE14_02	Serpulidae	988		<1%	R
23	RE14_03	Aequipecten opercularis	140687		1	C
23	RE14_03	Serpulidae	988		<1%	R
23	RE14_03	Buccinidae	149		1	C
23	RE14_04	Aequipecten opercularis	140687		2	C
23	RE14_04	Serpulidae	988		<1%	R
23	RE14_05	Aequipecten opercularis	140687		1	C
24	RE15_01	Aequipecten opercularis	140687		1	C
24	RE15_01	Alcyonium digitatum	125333		5%	F
24	RE15_01	Serpulidae	988		<1%	R
24	RE15_02	Aequipecten opercularis	140687		2	C
24	RE15_02	Alcyonium digitatum	125333		<1%	R
24	RE15_02	Serpulidae	988		<1%	R
24	RE15_03	Alcyonium digitatum	125333		4%	O
24	RE15_03	Serpulidae	988		1%	R
24	RE15_04	Actiniidae	100653		1	C
24	RE15_04	Buccinidae	149		1	C
24	RE15_05	Alcyonium digitatum	125333		60%	S
24	RE15_05	Serpulidae	988		3%	R
25	RE16_01	Buccinidae	149		1	C
25	RE16_01	U. encrusting fauna	#N/A		<1%	R
25	RE16_01	Alcyonium digitatum	125333		2%	O
25	RE16_01	Serpulidae	988		1%	R
25	RE16_02	Serpulidae	988		1%	R
25	RE16_02	Aequipecten opercularis	140687		1	C
25	RE16_03	Serpulidae	988		1%	R
25	RE16_04	Serpulidae	988		<1%	R
25	RE16_04	Aequipecten opercularis	140687		2	C
25	RE16_04	Alcyonium digitatum	125333		2%	O
25	RE16_05	Alcyonium digitatum	125333		2%	O
25	RE16_05	Buccinidae	149		1	C
25	RE16_05	Serpulidae	988		<1%	R

Sampling station	Video SAMPLE Ref	Species	TaxonVersionKey (ID Code)	Qualifier Lifeform>morph >colour	Abundance	SACFOR
26	RE17_02	Serpulidae	988		<1%	R
26	RE17_03	Serpulidae	988		<1%	R
27	RE18_01	Serpulidae	988		1%	R
27	RE18_01	Ophiothrix	123626		6	C
27	RE18_02	Serpulidae	988		1%	R
27	RE18_02	Ophiothrix	123626		8	C
27	RE18_03	Serpulidae	988		<1%	R
27	RE18_03	Ophiothrix	123626		4	C
27	RE18_04	Serpulidae	988		<1%	R
27	RE18_04	Ophiothrix	123626		4	C
28	FR8_01	Alcyonium digitatum	125333		1%	O
28	FR8_01	Serpulidae	988		<1%	R
28	FR8_01	Psammechinus	123389		1	C
28	FR8_01	Aequipecten opercularis	140687		1	C
28	FR8_02	Corallinaceae	143691		<1%	R
28	FR8_02	Serpulidae	988		<1%	R
28	FR8_02	U. faunal turf	#N/A		<1%	R
28	FR8_03	Aequipecten opercularis	140687		1	C
28	FR8_03	Corallinaceae	143691		<1%	R
28	FR8_03	Serpulidae	988		<1%	R
28	FR8_03	Psammechinus	123389		3	C
28	FR8_03	Porifera	558	encrusting	1%	O
28	FR8_03	Polychaeta	883		1	C
28	FR8_04	Actiniidae	100653		1	C
28	FR8_04	Aequipecten opercularis	140687		1	C
28	FR8_04	Serpulidae	988		<1%	R
28	FR8_05	Asterias rubens	123776		1	C
28	FR8_05	Serpulidae	988		<1%	R
28	FR8_05	Psammechinus	123389		2	C
29	FR17_01	Ophiothrix	123626		1	C
29	FR17_01	Serpulidae	988		<1%	R
29	FR17_02	Ophiothrix	123626		20	A
29	FR17_02	Asterias rubens	123776		1	C
29	FR17_02	Serpulidae	988		<1%	R
29	FR17_02	Aequipecten opercularis	140687		1	C
29	FR17_03	Aequipecten opercularis	140687		3	C
29	FR17_03	Serpulidae	988		<1%	R
29	FR17_04	Psammechinus	123389		2	C
29	FR17_04	Serpulidae	988		<1%	R
29	FR17_04	Aequipecten opercularis	140687		3	C
30	FR18_01	Ophiothrix	123626		100	S
30	FR18_01	Serpulidae	988		<1%	R
30	FR18_01	Aequipecten opercularis	140687		3	C
30	FR18_02	Ophiothrix	123626		100	S
30	FR18_02	Serpulidae	988		<1%	R
30	FR18_02	Alcyonium digitatum	125333		1%	O
30	FR18_03	Ophiothrix	123626		100	S
30	FR18_03	Serpulidae	988		<1%	R
30	FR18_03	Alcyonium digitatum	125333		1%	O
30	FR18_03	Aequipecten opercularis	140687		3	C
30	FR18_04	Ophiothrix	123626		100	S
30	FR18_04	Psammechinus	123389		3	C
30	FR18_04	Aequipecten opercularis	140687		4	C
30	FR18_04	Alcyonium digitatum	125333		1%	O
30	FR18_04	Serpulidae	988		<1%	R
30	FR18_05	Ophiothrix	123626		100	S
30	FR18_05	Aequipecten opercularis	140687		4	C
30	FR18_05	Serpulidae	988		<1%	R
30	FR18_05	Alcyonium digitatum	125333		1%	O
30	FR18_06	Alcyonium digitatum	125333		<1%	R
30	FR18_06	Ophiothrix	123626		100	S
30	FR18_06	Serpulidae	988		<1%	R
31	FR19_01	Aequipecten opercularis	140687		4	C
31	FR19_01	Serpulidae	988		<1%	R
31	FR19_02	Species A	#N/A		<1%	R
31	FR19_02	Serpulidae	988		<1%	R
31	FR19_02	Aequipecten opercularis	140687		1	C
31	FR19_03	Serpulidae	988		<1%	R
31	FR19_04	Serpulidae	988		<1%	R
31	FR19_05	Aequipecten opercularis	140687		4	C
31	FR19_05	Species A	#N/A		<1%	R
31	FR19_05	Psammechinus	123389		1	C
32	FR20_01	Psammechinus	123389		1	C
32	FR20_01	Serpulidae	988		<1%	R
32	FR20_01	Aequipecten opercularis	140687		2	C
32	FR20_02	Psammechinus	123389		1	C
32	FR20_02	Serpulidae	988		<1%	R
32	FR20_02	Aequipecten opercularis	140687		2	C
32	FR20_03	Serpulidae	988		<1%	R
32	FR20_04	Serpulidae	988		<1%	R
32	FR20_04	Psammechinus	123389		2	C
32	FR20_04	Polychaeta	883	Tube	1	C
32	FR20_05	Ophiuroidea	123084		1	C
32	FR20_05	Serpulidae	988		<1%	R
33	FR21_01	Aequipecten opercularis	140687		2	C
33	FR21_02	Buccinidae	149		1	C
33	FR21_02	Serpulidae	988		<1%	R
33	FR21_03	Asterias rubens	123776		1	C
33	FR21_03	Aequipecten opercularis	140687		1	C
33	FR21_03	Serpulidae	988		<1%	R
33	FR21_04	Aequipecten opercularis	140687		3	C
33	FR21_04	Asteroidea	123080		1	C
33	FR21_04	Serpulidae	988		<1%	R
33	FR21_05	Serpulidae	988		<1%	R
33	FR21_05	Aequipecten opercularis	140687		2	C
34	FR22_01	Serpulidae	988		<1%	R
34	FR22_02	Asterias rubens	123776		1	C
34	FR22_02	Serpulidae	988		<1%	R
34	FR22_03	Serpulidae	988		<1%	R
34	FR22_03	Alcyonium digitatum	125333		<1%	R
34	FR22_04	Flustridae	110749		<1%	R
34	FR22_04	Asterias rubens	123776		1	C
35	FR23_01	No identifiable taxa	#N/A			
35	FR23_02	No identifiable taxa	#N/A			
35	FR23_03	No identifiable taxa	#N/A			
35	FR23_04	No identifiable taxa	#N/A			
35	FR23_05	No identifiable taxa	#N/A			
36	FR01_01	U. faunal turf	#N/A		8%	F
36	FR01_01	Alcyonidium	110993		5	C
36	FR01_02	U. faunal turf	#N/A		2%	O

Sampling station	Video SAMPLE Ref	Species	TaxonVersionKey (ID Code)	Qualifier Lifeform>morph >colour	Abundance	SACFOR
36	FR01_02	Alcyonidium	110993		4	C
36	FR01_03	U. faunal turf	#N/A		1%	O
36	FR01_03	Alcyonidium	110993		8	C
37	FR02_01	Flustridae	110749		1%	O
37	FR02_01	Serpulidae	988		<1%	R
37	FR02_02	Serpulidae	988		<1%	R
37	FR02_02	Crepidula fornicata	138963		4	C
37	FR02_03	Serpulidae	988		<1%	R
37	FR02_03	Crepidula fornicata	138963		1	C
38	FR03_01	Serpulidae	988		<1%	R
38	FR03_02	Lanice	129697		1	F
38	FR03_02	Serpulidae	988		<1%	R
38	FR03_03	Serpulidae	988		<1%	R
38	FR03_03	Actiniidae	100653		1	C
39	FR04_01	Aequipecten opercularis	140687		3	C
39	FR04_02	Asteroidea	123080		1	C
39	FR04_02	Serpulidae	988		<1%	R
39	FR04_02	Aequipecten opercularis	140687		1	C
39	FR04_03	Aequipecten opercularis	140687		1	C
39	FR04_03	Echinoidea	123082		1	C
39	FR04_03	Serpulidae	988		<1%	R
39	FR04_04	Asterias rubens	123776		1	C
39	FR04_04	Serpulidae	988		<1%	R
39	FR04_04	Crepidula fornicata	138963		1	C
39	FR04_04	Bivalvia	105		2	C
39	FR04_05	Serpulidae	988		<1%	R
39	FR04_05	U. faunal turf	#N/A		<1%	R
40	FR5_01	Aequipecten opercularis	140687		1	C
40	FR5_01	Species A	#N/A	Maerl?	<1%	R
40	FR5_02	U. faunal turf	#N/A		<1%	R
40	FR5_02	Porifera	558		<1%	R
40	FR5_02	Species A	#N/A	Maerl?	<1%	R
40	FR5_02	Flustridae	110749		<1%	R
40	FR5_03	Flustridae	110749		<1%	R
40	FR5_03	Lanice	129697		1	F
40	FR5_04	Ophiuroidea	123084		1	C
40	FR5_04	Serpulidae	988		<1%	R
40	FR5_04	Flustridae	110749		<1%	R
40	FR5_04	Crustacea	1066		1	C
40	FR5_05	Lanice	129697		1	F
40	FR5_05	Serpulidae	988		<1%	R
40	FR5_05	Species A	#N/A	Maerl?	<1%	R
40	FR5_06	Serpulidae	988		<1%	R
40	FR5_06	Ophiuroidea	123084		1	C
40	FR5_06	U. tube	#N/A		1	C
40	FR5_06	Corallinaceae	143691		<1%	R
41	FR6_01	No identifiable taxa	#N/A			
41	FR6_02	Serpulidae	988		<1%	R
41	FR6_03	Ophiuroidea	123084		1	C
41	FR6_03	Actiniidae	100653		1	C
41	FR6_04	No identifiable taxa	#N/A			
42	FR7_01	Aequipecten opercularis	140687		2	C
42	FR7_01	Species A	#N/A	Maerl?	<1%	R
42	FR7_02	Aequipecten opercularis	140687		3	C
42	FR7_02	Asterias rubens	123776		1	C
42	FR7_03	Aequipecten opercularis	140687		3	C
42	FR7_04	Buccinidae	149		1	C
42	FR7_04	Aequipecten opercularis	140687		1	C

DDV Video Form

SURVEY NAME	Sampling station	Station code	Video Sample Ref	Segment	Date	BriefHabitatDescription (Physical & biotic)	Method	StartTime (hh:mm:ss)	Start - Latitude (DecDeg)	Start - Longitude (DecDeg)	End - Latitude (DecDeg)	End - Longitude (DecDeg)	Position Reference Point	Positional Accuracy	SeaLevelUpper	SeaLevelLower	Bedrock	Boulders_over1024mm	Boulders_512to1024mm
AQUIND NPC 2017	1	UK01	AQUIND_DDV_UK01	S1	24/07/2017	Slightly silty sand with pebbles and shell with macroalgae and some faunal turf.	Drop camera	16:24:42	50.7776	-1.0355	50.7773	-1.0355	GPS aerial	<10m	3.81				
AQUIND NPC 2017	2	UK02	AQUIND_DDV_UK02	S1	24/07/2017	Rippled sand with some silt and coarse sediment with occasional macroalgae.	Drop camera	16:39:02	50.7697	-1.0341	50.7697	-1.0341	GPS aerial	<10m	3.76				
AQUIND NPC 2017	3	RE01	AQUIND_DDV_RE01	S1	05/12/2017	Sand with patches of shell or pebbles with green and red algae	Drop camera	07:50:00	50.7497	-1.0074	50.7495	-1.0062	GPS aerial	<10m	6.1				
AQUIND NPC 2017	4	RE02	AQUIND_DDV_RE02	S1	05/12/2017	Silty pebbles and cobbles with patches of dead algae and crepidula shells	Drop camera	08:06:00	50.7336	-0.9716	50.7334	-0.9697	GPS aerial	<10m	9.7				
AQUIND NPC 2017	5	RE03	AQUIND_DDV_RE03	S1	05/12/2017	Silty shelly sand with pebbles cobbles and boulders, faunal turf and crust on hard substrate	Drop camera	08:40:00	50.6968	-0.8963	50.6967	-0.8948	GPS aerial	<10m	13				
AQUIND NPC 2017	6	RE04	AQUIND_DDV_RE04	S1	05/12/2017	Clean coarse gravel in waves with little/no epifauna	Drop camera	09:24:00	50.6572	-0.8364	50.6574	-0.8342	GPS aerial	<10m	14.7				
AQUIND NPC 2017	7	RE05	AQUIND_DDV_RE05	S1	05/12/2017	Coarse sand and gravel overlying bedrock with a faunal turf	Drop camera	10:03:00	50.6273	-0.7245	50.6275	-0.7229	GPS aerial	<10m	28.1		20		
AQUIND NPC 2017	8	UK10	AQUIND_DDV_UK10	S1	25/09/2017	Bedrock boulders and cobbles, with some pebbles, shell and silt, with faunal turf, asteroidea, flustridae and fish	Drop camera	12:49:00	50.6202	-0.6448	50.6204	-0.6438	GPS aerial	<10m	30		20		
AQUIND NPC 2017	9	UK11	AQUIND_DDV_UK11	S1	25/07/2017	Rippled shelly coarse sand with some pebbles and cobbles with encrusting fauna including serpulidae, starfish, hermit crabs, alcyonidium and other sparse epifauna	Drop camera	06:42:46	50.6122	-0.5855	50.6119	-0.5858	GPS aerial	<10m	28.92				
AQUIND NPC 2017	10	RE06	AQUIND_DDV_RE06	S1	05/12/2017	Pebbles and cobbles with occasional boulder with serpulid crusts	Drop camera	11:04:00	50.6032	-0.5497	50.6036	-0.5488	GPS aerial	<10m	30.3				
AQUIND NPC 2017	11	RE07	AQUIND_DDV_RE07	S1	05/12/2017	Sand with occasional pebble or cobble with encrusting worms.	Drop camera	11:33:00	50.5851	-0.4808	50.5851	-0.4808	GPS aerial	<10m	49				
AQUIND NPC 2017	12	UK14	AQUIND_DDV_UK14	S1	25/07/2017	Pebbles and shell on silty sand with some serpulidae, buccinidae, starfish and aequipecten	Drop camera	08:18:19	50.5390	-0.3882	50.5386	-0.3876	GPS aerial	<10m	60.67				
AQUIND NPC 2017	13	UK24	AQUIND_DDV_UK24	S1	25/09/2017	Cobbles, pebbles and shell with serpulidae, faunal turf, hydroids, urchins, scallops, crabs, starfish	Drop camera	14:59:00	50.4857	-0.2781	50.4855	-0.2782	GPS aerial	<10m	55.7				
AQUIND NPC 2017	14	UK25	AQUIND_DDV_UK25	S1	25/09/2017	Pebbles, cobbles and shell with serpulidae, hermit crabs and queen scallops	Drop camera	15:29:00	50.4617	-0.2383	50.4615	-0.2394	GPS aerial	<10m	53.6				
AQUIND NPC 2017	15	UK17	AQUIND_DDV_UK17	S1	25/07/2017	Pebbles, shell and occasional cobble with sparse serpulidae and faunal turf, with queen scallops	Drop camera	09:18:00	50.4290	-0.1826	50.4289	-0.1806	GPS aerial	<10m	58.2				
AQUIND NPC 2017	16	UK18	AQUIND_DDV_UK18	S1	25/07/2017	Pebbles, shell and some cobbles with sparse serpulidae and faunal turf, and queen scallops	Drop camera	10:54:46	50.3971	-0.1510	50.3971	-0.1485	GPS aerial	<10m	53.31				
AQUIND NPC 2017	17	RE08	AQUIND_DDV_RE08	S1	24/03/2018	Coarse gravel with little/no epifuana other than serpulids and queenies	Drop camera	14:18:49	50.3791	-0.1023	50.3793	-0.1012	GPS aerial	<10m	26				
AQUIND NPC 2017	18	RE09	AQUIND_DDV_RE09	S1	24/03/2018	Coarse gravel with scallops	Drop camera	14:42:08	50.3650	-0.0644	50.3651	-0.0639	GPS aerial	<10m	55				
AQUIND NPC 2017	19	RE10	AQUIND_DDV_RE10	S1	24/03/2018	Coarse gravel with scallops, possible veneer over rock	Drop camera	15:23:04	50.3333	0.0044	50.3334	0.0045	GPS aerial	<10m	50				
AQUIND NPC 2017	20	RE11	AQUIND_DDV_RE11	S1	24/03/2018	Gravel with sand patches., Scallops and serpulids	Drop camera	15:50:11	50.2987	0.0497	50.2987	0.0494	GPS aerial	<10m	47				
AQUIND NPC 2017	21	RE12	AQUIND_DDV_RE12	S1	24/03/2018	Gravel with sand patches., Scallops and serpulids	Drop camera	16:15:48	50.2776	0.0974	50.2776	0.0969	GPS aerial	<10m	43				
AQUIND NPC 2017	22	RE13	AQUIND_DDV_RE13	S1	24/03/2018	Gravel with sand patches, dense brittlestars, Scallops and serpulids possible veneer over rock	Drop camera	16:44:01	50.2647	0.1617	50.2645	0.1608	GPS aerial	<10m	40				
AQUIND NPC 2017	23	RE14	AQUIND_DDV_RE14	S1	24/03/2018	Coarse gravel with scallops	Drop camera	17:16:06	50.2430	0.2308	50.2427	0.2297	GPS aerial	<10m	42				
AQUIND NPC 2017	24	RE15	AQUIND_DDV_RE15	S1	24/03/2018	Coarse gravel, cobbles and small boulders with alcyonium and serpulids, some burrowing anemones and scallops on coarse sediment	Drop camera	17:41:37	50.2096	0.2605	50.2091	0.2588	GPS aerial	<10m	40				
AQUIND NPC 2017	25	RE16	AQUIND_DDV_RE16	S1	24/03/2018	Coarse gravel, cobbles and boulders with scallops and faunal turf	Drop camera	18:23:12	50.1801	0.3619	50.1798	0.3610	GPS aerial	<10m	39				
AQUIND NPC 2017	26	RE17	AQUIND_DDV_RE17	S1	24/03/2018	Coarse gravel, cobbles and boulders with scallops and faunal turf	Drop camera	18:45:22	50.1674	0.4039	50.1670	0.4026	GPS aerial	<10m	37				
AQUIND NPC 2017	27	RE18	AQUIND_DDV_RE18	S1	24/03/2018	Coarse gravel, cobbles and boulders with scallops and faunal turf	Drop camera	19:11:33	50.1519	0.4474	50.1516	0.4459	GPS aerial	<10m	36				
AQUIND NPC 2017	28	FR08	AQUIND_DDV_FR08	S1	26/09/2017	Shell with pebbles, scallops and turf	Drop camera	11:51:00	50.1156	0.5945	50.1156	0.5954	GPS aerial	<10m	33				
AQUIND NPC 2017	29	FR17	AQUIND_DDV_FR17	S1	26/09/2017	Pebbles and shells with queenies and brittlestars	Drop camera	11:20:00	50.0944	0.6776	50.0944	0.6772	GPS aerial	<10m	31.8				
AQUIND NPC 2017	30	FR18	AQUIND_DDV_FR18	S1	26/09/2017	Brittlestars on pebbles and shell with queenie scallops	Drop camera	10:43:00	50.0728	0.7460	50.0726	0.7457	GPS aerial	<10m	28.9				
AQUIND NPC 2017	31	FR19	AQUIND_DDV_FR19	S1	26/09/2017	Pebbles and shell with queenies and turf	Drop camera	13:14:00	50.0572	0.8018	50.0573	0.8030	GPS aerial	<10m	30.1				
AQUIND NPC 2017	32	FR20	AQUIND_DDV_FR20	S1	26/09/2017	Pebbles and shell with queenies and turf	Drop camera	13:35:00	50.0333	0.8443	50.0334	0.8455	GPS aerial	<10m	29.5				
AQUIND NPC 2017	33	FR21	AQUIND_DDV_FR21	S1	26/09/2017	Pebbles and shell with queenies and turf	Drop camera	16:09:00	49.9867	0.9294	49.9866	0.9294	GPS aerial	<10m	28.2				
AQUIND NPC 2017	34	FR22	AQUIND_DDV_FR22	S1	26/09/2017	Cobbles and pebbles and shell with queenies and turf	Drop camera	16:40:00	49.9518	0.9940	49.9514	0.9936	GPS aerial	<10m	15.7				
AQUIND NPC 2017	35	FR23	AQUIND_DDV_FR23	S1	26/09/2017	Sand with silt, not obvious epifauna	Drop camera	17:01:00	49.9255	1.0216	49.9253	1.0210	GPS aerial	<10m	10.2				
AQUIND NPC 2017	36	FR01	AQUIND_DDV_FR01	S1	26/09/2017	Silty sand, rock and shell with faunal turf and alcyonidium	Drop camera	07:46:00	49.9353	1.0711	49.9353	1.0708	GPS aerial	<10m	7.1		10		
AQUIND NPC 2017	37	FR02	AQUIND_DDV_FR02	S1	26/09/2017	Pebbles, shell and coarse sediment with occasional cobble with encrusting fauna and faunal turf, slipper limpets, hermit crabs, starfish, anemone and flatfish	Drop camera	08:02:00	49.9490	1.0615	49.9490	1.0608	GPS aerial	<10m	10.3				
AQUIND NPC 2017	38	FR03	AQUIND_DDV_FR03	S1	26/09/2017	Shell and pebbles with sparse epifuana	Drop camera	08:26:00	49.9766	1.0396	49.9767	1.0408	GPS aerial	<10m	17.2				
AQUIND NPC 2017	39	FR04	AQUIND_DDV_FR04	S1	26/09/2017	Shell and pebbles with queen scallops and starfish	Drop camera	08:43:00	49.9993	1.0163	49.9990	1.0150	GPS aerial	<10m	21.2				
AQUIND NPC 2017	40	FR05	AQUIND_DDV_FR05	S1	26/09/2017	Shell with pebbles, scallops and flustra	Drop camera	09:10:00	50.0302	0.9689	50.0300	0.9679	GPS aerial	<10m	23.1				
AQUIND NPC 2017	41	FR06	AQUIND_DDV_FR06	S1	26/09/2017	Sand and gravel with some turf in places, occasional scallop and echinoderm	Drop camera	09:52:00	50.0776	0.8493	50.0773	0.8482	GPS aerial	<10m	26				
AQUIND NPC 2017	42	FR07	AQUIND_DDV_FR07	S1	26/09/2017	Shell and sand with pebbles, scallop	Drop camera	10:20:00	50.0908	0.7752	50.0907	0.7746	GPS aerial	<10m	28.9				
AQUIND NPC 2017		FR09	AQUIND_DDV_FR09	S1	27/09/2017	Pebbles and shell with queenies and echinoderm	Drop camera	11:51:00	50.1314	0.4316	50.1317	0.4320	GPS aerial	<10m	37.1				

SURVEY NAME	Sampling station	Station code	Video Sample Ref	Segment	Date	Boulders_256to 512mm	Cobbles 64mm to 256mm	Pebbles 4mm to 64mm	Shells_Empty	Shells_LiveModiolus	Granule 2mm to 4mm	Shell_2mm to 16mm	DeadMaerl	LiveMaerl	Sand 0.063mm to 2mm	Mud less than 0.063mm	Artificial	Biogenic Reef	Total %	RemoveZero	AutoEunisGroup	AutoRock	Broadscale Habitat
AQUIND NPC 2017	1	UK01	AQUIND_DDV_UK01	S1	24/07/2017		1	3	3		2	3			86	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	2	UK02	AQUIND_DDV_UK02	S1	24/07/2017			1				2			95	2			100	2	sand and muddy sand		A5.2 - Subtidal Sand
AQUIND NPC 2017	3	RE01	AQUIND_DDV_RE01	S1	05/12/2017			1				2			95	2			100	2	sand and muddy sand		A5.2 - Subtidal Sand
AQUIND NPC 2017	4	RE02	AQUIND_DDV_RE02	S1	05/12/2017			5	15			5			65	10			100	10	mixed sediment		A5.4 - Subtidal Mixed Sediment
AQUIND NPC 2017	5	RE03	AQUIND_DDV_RE03	S1	05/12/2017	1	5	5	4			5			75	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	6	RE04	AQUIND_DDV_RE04	S1	05/12/2017			85	5		5	5							100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	7	RE05	AQUIND_DDV_RE05	S1	05/12/2017	5	5	65				5							100	0.0001	coarse sediment	Rock	A4.2 - Moderate Energy Circalittoral Rock
AQUIND NPC 2017	8	UK10	AQUIND_DDV_UK10	S1	25/09/2017	20	20	20	10						5	5			100	5	coarse sediment	Rock	A4.2 - Moderate Energy Circalittoral Rock
AQUIND NPC 2017	9	UK11	AQUIND_DDV_UK11	S1	25/07/2017		2	3	2			4			88	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	10	RE06	AQUIND_DDV_RE06	S1	05/12/2017	1	10	88	1										100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	11	RE07	AQUIND_DDV_RE07	S1	05/12/2017		1								95	4			100	4	sand and muddy sand		A5.2 - Subtidal Sand
AQUIND NPC 2017	12	UK14	AQUIND_DDV_UK14	S1	25/07/2017			65	10			5			19	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	13	UK24	AQUIND_DDV_UK24	S1	25/09/2017		20	65	5		2	2			5	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	14	UK25	AQUIND_DDV_UK25	S1	25/09/2017		6	80	5			3			5	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	15	UK17	AQUIND_DDV_UK17	S1	25/07/2017		1	70	5		2	5			16	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	16	UK18	AQUIND_DDV_UK18	S1	25/07/2017		2	65	5		2	5			20	1			100	1	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	17	RE08	AQUIND_DDV_RE08	S1	24/03/2018		10	85				5							100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	18	RE09	AQUIND_DDV_RE09	S1	24/03/2018			95				5			3	2			105	2	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	19	RE10	AQUIND_DDV_RE10	S1	24/03/2018			95				5							100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	20	RE11	AQUIND_DDV_RE11	S1	24/03/2018		5	85				3			5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	21	RE12	AQUIND_DDV_RE12	S1	24/03/2018		5	85				5			5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	22	RE13	AQUIND_DDV_RE13	S1	24/03/2018		30	45				5			15	5			100	5	mixed sediment	Rock	A5.4 - Subtidal Mixed Sediment
AQUIND NPC 2017	23	RE14	AQUIND_DDV_RE14	S1	24/03/2018		5	85				5			5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	24	RE15	AQUIND_DDV_RE15	S1	24/03/2018	1	5	85				4			5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	25	RE16	AQUIND_DDV_RE16	S1	24/03/2018	5	5	80				5			5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	26	RE17	AQUIND_DDV_RE17	S1	24/03/2018	5	5	80				5			5				100	0.0001	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	27	RE18	AQUIND_DDV_RE18	S1	24/03/2018	5	5	65				5			15	5			100	5	mixed sediment		A5.4 - Subtidal Mixed Sediment
AQUIND NPC 2017	28	FR08	AQUIND_DDV_FR08	S1	26/09/2017			65	10		5	10			5	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	29	FR17	AQUIND_DDV_FR17	S1	26/09/2017			65	12		5	10			5	2			99	2	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	30	FR18	AQUIND_DDV_FR18	S1	26/09/2017			65	12		5	10			5	3			100	3	coarse sediment		A5.4 - Subtidal Mixed Sediment
AQUIND NPC 2017	31	FR19	AQUIND_DDV_FR19	S1	26/09/2017			65	12		5	10			5	3			100	3	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	32	FR20	AQUIND_DDV_FR20	S1	26/09/2017			65	12		5	10			5	3			100	3	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	33	FR21	AQUIND_DDV_FR21	S1	26/09/2017			65	12		5	10			5	3			100	3	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	34	FR22	AQUIND_DDV_FR22	S1	26/09/2017		10	55	10		5	10			5	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	35	FR23	AQUIND_DDV_FR23	S1	26/09/2017										90	10			100	10	sand and muddy sand		A5.2 - Subtidal Sand
AQUIND NPC 2017	36	FR01	AQUIND_DDV_FR01	S1	26/09/2017	10	5		2			2			61	10			100	10	mixed sediment		A5.4 - Subtidal Mixed Sediment
AQUIND NPC 2017	37	FR02	AQUIND_DDV_FR02	S1	26/09/2017		1	55	30		2	5			5	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	38	FR03	AQUIND_DDV_FR03	S1	26/09/2017		1	75	2		2	5			10	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	39	FR04	AQUIND_DDV_FR04	S1	26/09/2017			50	30			10			5	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	40	FR05	AQUIND_DDV_FR05	S1	26/09/2017		1	50	24		5	10			5	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	41	FR06	AQUIND_DDV_FR06	S1	26/09/2017			10	5		5				75	5			100	5	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017	42	FR07	AQUIND_DDV_FR07	S1	26/09/2017			35	10		5	25			23	2			100	2	coarse sediment		A5.1 - Subtidal Coarse Sediment
AQUIND NPC 2017		FR09	AQUIND_DDV_FR09	S1	27/09/2017			65	12		5	10			3	2			97	2	coarse sediment		A5.1 - Subtidal Coarse Sediment

SURVEY NAME	Sampling station	Station code	Video Sample Ref	Segment	Date	Habitat FOCI	Annex 1 Habitats	Scottish MPA Features	EUNIS code	MNCR code	Classification (Exact copy of MNCR descriptor)	Secondary EUNIS code	Secondary MNCR code	Secondary Classification (Exact copy of MNCR descriptor)	DeterminedBy	Visual quality of sample
AQUIND NPC 2017	1	UK01	AQUIND_DDV_UK01	S1	24/07/2017				A5.13	SS.SCS.ICS	Infralittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	2	UK02	AQUIND_DDV_UK02	S1	24/07/2017				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				AB	Good
AQUIND NPC 2017	3	RE01	AQUIND_DDV_RE01	S1	05/12/2017				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Good
AQUIND NPC 2017	4	RE02	AQUIND_DDV_RE02	S1	05/12/2017				A5.43	SS.SMx.Imx	Infralittoral mixed sediment				IS	Poor
AQUIND NPC 2017	5	RE03	AQUIND_DDV_RE03	S1	05/12/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment	A4.2	CR.MCR	Moderate energy circalittoral rock	IS	Good
AQUIND NPC 2017	6	RE04	AQUIND_DDV_RE04	S1	05/12/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	7	RE05	AQUIND_DDV_RE05	S1	05/12/2017				A4.2	CR.MCR	Moderate energy circalittoral rock	A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment	IS	Good
AQUIND NPC 2017	8	UK10	AQUIND_DDV_UK10	S1	25/09/2017				A4.2	CR.MCR	Moderate energy circalittoral rock				AB	Very Poor
AQUIND NPC 2017	9	UK11	AQUIND_DDV_UK11	S1	25/07/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	10	RE06	AQUIND_DDV_RE06	S1	05/12/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	11	RE07	AQUIND_DDV_RE07	S1	05/12/2017				A5.25	SS.SSa.CFiSa	Circalittoral fine sand				IS	Good
AQUIND NPC 2017	12	UK14	AQUIND_DDV_UK14	S1	25/07/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Poor
AQUIND NPC 2017	13	UK24	AQUIND_DDV_UK24	S1	25/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	14	UK25	AQUIND_DDV_UK25	S1	25/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	15	UK17	AQUIND_DDV_UK17	S1	25/07/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Very Poor
AQUIND NPC 2017	16	UK18	AQUIND_DDV_UK18	S1	25/07/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Very Poor
AQUIND NPC 2017	17	RE08	AQUIND_DDV_RE08	S1	24/03/2018				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Poor
AQUIND NPC 2017	18	RE09	AQUIND_DDV_RE09	S1	24/03/2018				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	19	RE10	AQUIND_DDV_RE10	S1	24/03/2018				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	20	RE11	AQUIND_DDV_RE11	S1	24/03/2018				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	21	RE12	AQUIND_DDV_RE12	S1	24/03/2018				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	22	RE13	AQUIND_DDV_RE13	S1	24/03/2018				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment	A5.141	SS.SCS.CCS.PomB	Pomatoceros triqueter with barnacles and bryozoan crusts on unstable circalittoral cobbles and pebbles	IS	Poor
AQUIND NPC 2017	23	RE14	AQUIND_DDV_RE14	S1	24/03/2018				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Poor
AQUIND NPC 2017	24	RE15	AQUIND_DDV_RE15	S1	24/03/2018				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	25	RE16	AQUIND_DDV_RE16	S1	24/03/2018				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Poor
AQUIND NPC 2017	26	RE17	AQUIND_DDV_RE17	S1	24/03/2018				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Poor
AQUIND NPC 2017	27	RE18	AQUIND_DDV_RE18	S1	24/03/2018				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment	A5.141	SS.SCS.CCS.PomB	Pomatoceros triqueter with barnacles and bryozoan crusts on unstable circalittoral cobbles and pebbles	IS	Poor
AQUIND NPC 2017	28	FR08	AQUIND_DDV_FR08	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Poor
AQUIND NPC 2017	29	FR17	AQUIND_DDV_FR17	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Excellent
AQUIND NPC 2017	30	FR18	AQUIND_DDV_FR18	S1	26/09/2017				A5.445	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or Ophiocomina nigra brittlestar beds on sublittoral mixed sediment	A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment	IS	Good
AQUIND NPC 2017	31	FR19	AQUIND_DDV_FR19	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	32	FR20	AQUIND_DDV_FR20	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Poor
AQUIND NPC 2017	33	FR21	AQUIND_DDV_FR21	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Excellent
AQUIND NPC 2017	34	FR22	AQUIND_DDV_FR22	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	35	FR23	AQUIND_DDV_FR23	S1	26/09/2017				A5.23	SS.SSa.IFiSa	Infralittoral fine sand				IS	Excellent
AQUIND NPC 2017	36	FR01	AQUIND_DDV_FR01	S1	26/09/2017				A5.44	SS.SMx.CMx	Circalittoral mixed sediment				AB	Very Poor
AQUIND NPC 2017	37	FR02	AQUIND_DDV_FR02	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				AB	Good
AQUIND NPC 2017	38	FR03	AQUIND_DDV_FR03	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	39	FR04	AQUIND_DDV_FR04	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	40	FR05	AQUIND_DDV_FR05	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Good
AQUIND NPC 2017	41	FR06	AQUIND_DDV_FR06	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Excellent
AQUIND NPC 2017	42	FR07	AQUIND_DDV_FR07	S1	26/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Excellent
AQUIND NPC 2017		FR09	AQUIND_DDV_FR09	S1	27/09/2017				A5.14	SS.SCS.CCS	Circalittoral Coarse Sediment				IS	Excellent

SURVEY NAME	Sampling station	Station code	Video Sample Ref	Segment	Date	COMMENTS	Litter	COMPLETED BY:-
AQUIND NPC 2017	1	UK01	AQUIND_DDV_UK01	S1	24/07/2017	Some sediment in water column.		AB
AQUIND NPC 2017	2	UK02	AQUIND_DDV_UK02	S1	24/07/2017	Camera angled towards and too close to substrate		AB
AQUIND NPC 2017	3	RE01	AQUIND_DDV_RE01	S1	05/12/2017			IS
AQUIND NPC 2017	4	RE02	AQUIND_DDV_RE02	S1	05/12/2017	Visibility poor due to sediment and tide		IS
AQUIND NPC 2017	5	RE03	AQUIND_DDV_RE03	S1	05/12/2017	Adequate to determine substate and conspicuous taxa		IS
AQUIND NPC 2017	6	RE04	AQUIND_DDV_RE04	S1	05/12/2017	Fast at time and inconsistent view angle could be poor		IS
AQUIND NPC 2017	7	RE05	AQUIND_DDV_RE05	S1	05/12/2017			IS
AQUIND NPC 2017	8	UK10	AQUIND_DDV_UK10	S1	25/09/2017	Insufficient lighting so that only part of substrate visible and very fast.		AB
AQUIND NPC 2017	9	UK11	AQUIND_DDV_UK11	S1	25/07/2017	Suspended sediment partially obscures view of substrate at top, also dark at top. Possible litter at 04:40	Possible litter (unidentified) at 04:40	AB
AQUIND NPC 2017	10	RE06	AQUIND_DDV_RE06	S1	05/12/2017			IS
AQUIND NPC 2017	11	RE07	AQUIND_DDV_RE07	S1	05/12/2017			IS
AQUIND NPC 2017	12	UK14	AQUIND_DDV_UK14	S1	25/07/2017	Camera angled upwards and suspended sediment obscures view of substrate at top of image.		AB
AQUIND NPC 2017	13	UK24	AQUIND_DDV_UK24	S1	25/09/2017	Camera tilted slightly upward and far from substrate.		AB
AQUIND NPC 2017	14	UK25	AQUIND_DDV_UK25	S1	25/09/2017	Camera tilted slightly upward and far from substrate. Black cable sighted at 03:13	Black cable at 03:13	AB
AQUIND NPC 2017	15	UK17	AQUIND_DDV_UK17	S1	25/07/2017	Possible trawl marks at 02:38 and towards end of video (or ripples?). Camera moving quite fast and too high, and angled upwards, making ID difficult.		AB
AQUIND NPC 2017	16	UK18	AQUIND_DDV_UK18	S1	25/07/2017	Possible trawl marks at 02:38 and towards end of video (or ripples?). Camera moving quite fast and too high, and angled upwards, making ID difficult.		AB
AQUIND NPC 2017	17	RE08	AQUIND_DDV_RE08	S1	24/03/2018	Visibility poor due to sediment and tide		IS
AQUIND NPC 2017	18	RE09	AQUIND_DDV_RE09	S1	24/03/2018			IS
AQUIND NPC 2017	19	RE10	AQUIND_DDV_RE10	S1	24/03/2018			IS
AQUIND NPC 2017	20	RE11	AQUIND_DDV_RE11	S1	24/03/2018			IS
AQUIND NPC 2017	21	RE12	AQUIND_DDV_RE12	S1	24/03/2018			IS
AQUIND NPC 2017	22	RE13	AQUIND_DDV_RE13	S1	24/03/2018	Visibility poor due to sediment and tide		IS
AQUIND NPC 2017	23	RE14	AQUIND_DDV_RE14	S1	24/03/2018	Visibility poor due to sediment and tide		IS
AQUIND NPC 2017	24	RE15	AQUIND_DDV_RE15	S1	24/03/2018			IS
AQUIND NPC 2017	25	RE16	AQUIND_DDV_RE16	S1	24/03/2018	Visibility poor due to sediment and tide		IS
AQUIND NPC 2017	26	RE17	AQUIND_DDV_RE17	S1	24/03/2018	Visibility poor due to sediment and tide		IS
AQUIND NPC 2017	27	RE18	AQUIND_DDV_RE18	S1	24/03/2018	Visibility poor due to sediment and tide		IS
AQUIND NPC 2017	28	FR08	AQUIND_DDV_FR08	S1	26/09/2017	A little fast at times and camera on side		IS
AQUIND NPC 2017	29	FR17	AQUIND_DDV_FR17	S1	26/09/2017			IS
AQUIND NPC 2017	30	FR18	AQUIND_DDV_FR18	S1	26/09/2017			IS
AQUIND NPC 2017	31	FR19	AQUIND_DDV_FR19	S1	26/09/2017			IS
AQUIND NPC 2017	32	FR20	AQUIND_DDV_FR20	S1	26/09/2017	Too fast in places		IS
AQUIND NPC 2017	33	FR21	AQUIND_DDV_FR21	S1	26/09/2017			IS
AQUIND NPC 2017	34	FR22	AQUIND_DDV_FR22	S1	26/09/2017			IS
AQUIND NPC 2017	35	FR23	AQUIND_DDV_FR23	S1	26/09/2017			IS
AQUIND NPC 2017	36	FR01	AQUIND_DDV_FR01	S1	26/09/2017	Camera tilted upward with camera system in bottom of image, suspended sediment obscures substrate view. Insufficient lighting.		AB
AQUIND NPC 2017	37	FR02	AQUIND_DDV_FR02	S1	26/09/2017	Top of image dark, quite fast moving and suspended sediment obscures some of footage		AB
AQUIND NPC 2017	38	FR03	AQUIND_DDV_FR03	S1	26/09/2017	Camera frame obscuring some of image		IS
AQUIND NPC 2017	39	FR04	AQUIND_DDV_FR04	S1	26/09/2017	A little fast at times		IS
AQUIND NPC 2017	40	FR05	AQUIND_DDV_FR05	S1	26/09/2017	A little fast at times		IS
AQUIND NPC 2017	41	FR06	AQUIND_DDV_FR06	S1	26/09/2017			IS
AQUIND NPC 2017	42	FR07	AQUIND_DDV_FR07	S1	26/09/2017			IS
AQUIND NPC 2017		FR09	AQUIND_DDV_FR09	S1	27/09/2017			IS

Species (video)

Sampling station	Video SAMPLE Ref	Species	TaxonVersionKey (ID Code)	Qualifier Lifeform>morph >colour	Abundance	SACFOR
1	UK01	Hydrozoa	1337		<1%	R
1	UK01	Mollusca	51		1	F
1	UK01	Actinopterygii	10194		5	F
1	UK01	Chlorophyceae	802		1%	O
1	UK01	Rhodophyceae	21263		1%	O
1	UK01	Phaeophyceae	830		1%	O
1	UK01	Chorda filum	145722		<1%	R
1	UK01	Crepidula fornicata	138963		4	F
2	UK02	Actinopterygii	10194		1	F
2	UK02	Chlorophyceae	802		<1%	R
2	UK02	Rhodophyceae	21263		<1%	R
2	UK02	Phaeophyceae	830		<1%	R
3	RE01	Chlorophyta	801		<1%	R
3	RE01	Rhodophyta	852		<1%	R
3	RE01	U. faunal turf	NA		<1%	R
4	RE02	Asterias rubens	123776		2	F
4	RE02	Serpulidae	988		<1%	R
4	RE02	Crustacea	1066	Small spider crab		F
5	RE03	Tunicata	146420		1	F
5	RE03	Serpulidae	988		<1%	R
5	RE03	Rhodophyta	852		<1%	R
5	RE03	Asteroidea	123080		1	F
5	RE03	Flustridae	110749		<1%	F
5	RE03	U. faunal turf	NA		<1%	R
5	RE03	U. faunal crust	NA		<1%	R
5	RE03	Actiniaria	1360		1	F
5	RE03	Porifera	558	Encrusting	<1%	R
5	RE03	Asterias rubens	123776		1	F
5	RE03	Lanice	129697		1	O
5	RE03	Ophiuroidea	123084		1	F
6	RE04	No identifiable taxa	NA			
7	RE05	Flustridae	110749		3%	F
7	RE05	Lanice	129697		1	O
7	RE05	Phaeophyceae	830		<1%	R
7	RE05	Triglidae	125598	Gurnard	1	F
7	RE05	Asteroidea	123080		3	F
7	RE05	Pleuronectiformes	10331		1	F
8	GOPR9433.MP4 Site 10	U. faunal turf	NA		25%	A
8	GOPR9433.MP4 Site 10	Asteroidea	123080		3	F
8	GOPR9433.MP4 Site 10	Actinopterygii	10194		1	C
8	GOPR9433.MP4 Site 10	Flustridae	110749		8%	F
9	UK11	Serpulidae	988		<1%	R
9	UK11	Paguridae	106738		3	F
9	UK11	Hydrozoa	1337		<1%	R
9	UK11	Asteroidea	123080		2	F
9	UK11	Actinaria	#N/A		1	F
9	UK11	Hydrozoa	1337		<1%	R
9	UK11	Bryozoa	146142	encrusting orange	2%	R
9	UK11	Alcyonidium	110993		2	F
9	UK11	Aequipecten opercularis	140687		1	F
10	RE06	Serpulidae	988		5%	R
10	RE06	Paguridae	106738		1	F
10	RE06	U. faunal crust	NA		<1%	R
10	RE06	Actiniaria	1360	Possible Urticina	1	F
11	RE07	Serpulidae	988		<1%	R
12	UK14	Ophiuroidea	123084		1	F
12	UK14	Aequipecten opercularis	140687		5	F
12	UK14	Asteroidea	123080		1	F
12	UK14	Buccinidae	149		2	F
12	UK14	U. faunal turf	NA		<1%	R
12	UK14	Serpulidae	988		<1%	R
13	UK24	Serpulidae	988		2%	R
13	UK24	U. faunal turf	NA		2%	O
13	UK24	Hydrozoa	1337		1%	O
13	UK24	Echinoidea	123082		2	F
13	UK24	Asteroidea	123080	Asterias	2	F
13	UK24	Crustacea	1066		1	F
13	UK24	Aequipecten opercularis	140687		2	F
13	UK24	Brachyura	106673		1	F
14	UK25	U. faunal turf	NA		2%	O
14	UK25	Serpulidae	988		2%	R
14	UK25	Paguridae	106738		6	F
14	UK25	Buccinidae	149		2	F
14	UK25	Aequipecten opercularis	140687		11	C
14	UK25	Actinopterygii	10194	small	2	F
14	UK25	Asteroidea	123080		1	F
15	UK17	Aequipecten opercularis	140687		12	C
15	UK17	Serpulidae	988		<1%	R
15	UK17	U. faunal turf			<1%	R
16	UK18	Serpulidae	988		<1%	R
16	UK18	Actinopterygii	10194		1	F
16	UK18	U. faunal turf	NA		<1%	R
16	UK18	Aequipecten opercularis	140687		5	F
17	RE08	Serpulidae	988		<1%	R
17	RE08	Aequipecten opercularis	140687		3	F
18	RE09	Paguridae	106738		3	F
18	RE09	Aequipecten opercularis	140687		9	F
18	RE09	Pecten maximus	140712		1	F
19	RE10	Serpulidae	988		1%	R
19	RE10	Aequipecten opercularis	140687		5	F
19	RE10	Triglidae	125598		1	F
19	RE10	Paguridae	106738		1	F
20	RE11	Aequipecten opercularis	140687		9	F
20	RE11	Serpulidae	988		<1%	R
20	RE11	Paguridae	106738		1	F
20	RE11	Asterias rubens	123776		1	F
21	RE12	Serpulidae	988		3%	R
21	RE12	Aequipecten opercularis	140687		17	C
21	RE12	Actiniaria	1360	Burrowing anemone	1	F
21	RE12	Buccinidae	149		1	F
22	RE13	Ophiurida	123117	Ophiocomina & Ophiothrix Mix	200+	F
22	RE13	Alcyonium digitatum	125333		<1%	R
22	RE13	Serpulidae	988		1%	R
22	RE13	Aequipecten opercularis	140687		10	C
23	RE14	Serpulidae	988		1%	R
23	RE14	Aequipecten opercularis	140687		25	C
23	RE14	Alcyonium digitatum	125333		<1%	R
23	RE14	u. faunal turf	NA		<1%	R
24	RE15	Aequipecten opercularis	140687		18	C
24	RE15	Alcyonium digitatum	125333		10%	C
24	RE15	Serpulidae	988		1%	R
24	RE15	Actiniaria	1360	Urticina	3	F

Sampling station	Video SAMPLE Ref	Species	TaxonVersionKey (ID Code)	Qualifier Lifeform>morph >colour	Abundance	SACFOR
25	RE16	Aequipecten opercularis	140687		33	A
25	RE16	Alcyonium digitatum	125333		2%	O
25	RE16	Serpulidae	988		2%	R
25	RE16	Paguridae	106738		1	F
25	RE16	u. faunal turf	NA	Hydroid/Bryozoan	<1%	R
26	RE17	Serpulidae	988		2%	R
26	RE17	Aequipecten opercularis	140687		10	C
26	RE17	Alcyonium digitatum	125333		1%	O
26	RE17	Actiniaria	1360	Urticina	1	F
27	RE18	Serpulidae	988		2%	R
27	RE18	Ophiurida	123117	Ophiocomina & Ophiothrix Mix	50+	F
27	RE18	Aequipecten opercularis	140687		10	C
27	RE18	u. faunal turf	NA	Hydroid/Bryozoan	<1%	R
27	RE18	Buccinidae	149		1	F
27	RE18	Squalidae	105716	Dogfish?		C
27	RE18	Pecten maximus	140712		1	F
28	FR08	Aequipecten opercularis	140687		15	C
28	FR08	Serpulidae	988		1%	R
28	FR08	U. faunal turf	NA		<1%	R
28	FR08	Alcyonium digitatum	125333		<1%	R
28	FR08	Asterias rubens	123776		1	F
28	FR08	Porifera	558	Encrusting	<1%	R
29	FR17	Ophiurida	123117	Ophiocomina & Ophiothrix Mix	7	F
29	FR17	Aequipecten opercularis	140687		7	F
29	FR17	Serpulidae	988		<1%	R
29	FR17	Asterias rubens	123776		1	F
29	FR17	Crustacea	1066	Possible munida?	1	F
30	FR18	Aequipecten opercularis	140687		50+	C
30	FR18	Ophiurida	123117	Ophiocomina & Ophiothrix Mix	100+	F
30	FR18	Serpulidae	988		<1%	R
30	FR18	Astropecten	123245		1	F
31	FR19	Aequipecten opercularis	140687		6	F
31	FR19	Alcyonium digitatum	125333		<1%	R
31	FR19	Serpulidae	988		<1%	R
31	FR19	Buccinidae	149		1	F
32	FR20	Aequipecten opercularis	140687		6	F
32	FR20	Alcyonium digitatum	125333		<1%	R
32	FR20	Serpulidae	988		<1%	R
32	FR20	Lanice	129697	Query -2:15-22	1	O
33	FR21	Aequipecten opercularis	140687		10	C
33	FR21	Alcyonium digitatum	125333		<1%	R
33	FR21	Paguridae	106738		1	F
33	FR21	Asterias rubens	123776		1	F
33	FR21	Ophiurida	123117	Ophiocomina & Ophiothrix Mix	1	F
33	FR21	Flustridae	110749		<1%	R
34	FR22	Aequipecten opercularis	140687		2	F
34	FR22	Alcyonium digitatum	125333		<1%	R
34	FR22	Paguridae	106738		1	F
34	FR22	Asterias rubens	123776		2	F
34	FR22	Crustacea	1066		1	F
34	FR22	Serpulidae	988		<1%	R
34	FR22	Flustridae	110749		<1%	R
34	FR22	Actiniaria	1360	Burrowing anemone?	1	F
35	FR23			No taxa observed		
36	FR01	U. faunal turf	NA		2%	O
36	FR01	Alcyonidium	110993		35	S
37	FR02	Crepidula fornicata	138963		15	C
37	FR02	Serpulidae	988		<1%	R
37	FR02	Actinopterygii	10194	small	1	F
37	FR02	U. faunal turf	NA		<1%	R
37	FR02	Flustridae	110749		<1%	R
37	FR02	Pleuronectiformes	10331		1	F
37	FR02	Paguridae	106738		2	F
37	FR02	Asterias rubens	123776		1	F
37	FR02	Actiniaria	1360	closed	1	F
37	FR02	Bryozoa	146142	orange encrusting	<1%	R
38	FR03	Actinopterygii	10194	small	2	F
38	FR03	Serpulidae	988		<1%	R
39	FR04	Serpulidae	988		<1%	R
39	FR04	Flustridae	110749		<1%	R
39	FR04	Alcyonium digitatum	125333		<1%	R
39	FR04	Aequipecten opercularis	140687		10	C
39	FR04	Asterias rubens	123776		7	F
39	FR04	Asteroidea	123080		4	F
40	FR05	Serpulidae	988		<1%	R
40	FR05	Flustridae	110749		1%	O
40	FR05	Aequipecten opercularis	140687		6	F
40	FR05	Crustacea	1066	Small spider crab	1	F
41	FR06	U. faunal turf	NA		<1%	R
41	FR06	Flustridae	110749		<1%	R
41	FR06	Aequipecten opercularis	140687		1	F
41	FR06	Buccinidae	149		1	F
41	FR06	Echinoidea	123082		1	F
41	FR06	Ceriantharia	1361		1	F
42	FR07	Aequipecten opercularis	140687		40	A
42	FR07	Asteroidea	123080		2	F
42	FR07	Buccinidae	149		1	F

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