

East Anglia THREE

# Appendix 10.2

## East Anglia Offshore Windfarm Zonal Environmental Appraisal: Benthic Biological Characterisation Report

### Environmental Statement

Volume 3

Document Reference – 6.3.10 (2)

Author – Marine Ecological Surveys Ltd  
East Anglia THREE Limited  
Date – November 2015  
Revision History – Revision A



**This Page Is Intentionally Blank**

## 10.2 BENTHIC BIOLOGICAL CHARACTERISATION REPORT

---

1. This appendix contains a report written by Marine Ecological Surveys Limited providing an Environmental Appraisal of the benthic biological characteristics of the East Anglia Zone.



# East Anglia Offshore Windfarm Zonal Environmental Appraisal: Benthic Biological Characterisation Report

**CWcVYf'2011 - Document No. ERMEAZ0111**

Prepared for:

**East Anglia Offshore Wind**

by:

**Marine Ecological Surveys Limited**

24a Monmouth Place

BATH

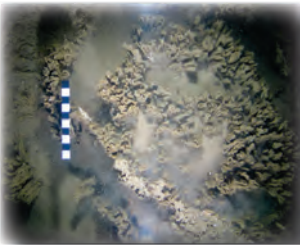
BA1 2AY

Tel:01225 442211

Fax:01225 444411


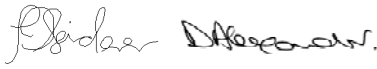

email:[marine@seasurvey.co.uk](mailto:marine@seasurvey.co.uk)

[www.seasurvey.co.uk](http://www.seasurvey.co.uk)



**EAST ANGLIA OFFSHORE WINDFARM ZONAL ENVIRONMENTAL APPRAISAL:  
BENTHIC BIOLOGICAL CHARACTERISATION REPORT**

Report No: ERMEAZ0111  
 Client Name: East Anglia Offshore Wind (EAOW)  
 Client Contact: Alec Martin - Environment Resource Management (ERM)  
 Project Manager: Daniel Brutto  
 Survey Staff: Ross Griffin, Jennifer Pinnion, Lucy Georgiou, Lisa Grubb, Jennifer Gallyot, Sara Marzialesi, Matthew Green and Bryan Wasson  
 Laboratory Supervision: Emma Deluca and Lisa Grubb  
 Data Analysis: Daniel Brutto and David Alexander  
 GIS: Jack Pitts, Angela de Burgh and Caroline Chambers  
 Geophysical Analysis: Dr Wendy Wilsher  
 Appendices Compiled by: Gina Brackenreed-Johnston

		Signature	Date
Report Author:	Daniel Brutto		31/10/11
Report Editing:	Lindsay Jane Seiderer and David Alexander		31/10/11
Report Authorisation:	Lindsay Jane Seiderer		31/10/11
Report Status:	Final		
Issue Date:	31/10/11		

## STATEMENT

Marine Ecological Surveys Ltd (MESL) was commissioned by ERM Ltd on behalf of East Anglia Offshore Wind Ltd (EAOW) to undertake a benthic biological characterisation of the East Anglia Offshore Windfarm Zone.

This report presents the findings of the EAOW Zonal Environmental Assessment (ZEA) survey. The EAOW ZEA zone comprises two areas known as Area A and Area B, which are separated by an International Maritime Organisation (IMO) deep water shipping route. This report is based on the analysis of data drawn from a total of 643 faunal grabs (of which 77 were specifically targeted over areas of interest), 78 trawl samples, 639 PSD samples (of which 75 were specifically targeted over areas of interest), and seabed images from 107 stations. All samples were acquired between July 2010 and January 2011.

The primary aim of this report is to provide a detailed documentation of the EAOW ZEA benthic characterisation programme. The findings of this report will be used by EAOW Ltd in order to identify areas which have the greatest potential to support the development of future windfarms across the ZEA area.

Marine Ecological Surveys Limited is a member of the Institute of Environmental Management and Assessment (IEMA) and is a leading participant in the National Marine Biological Analytical Control (NMBAQC) scheme.

**Marine Ecological Surveys Limited**  
**October 2011**

**iema**  
INSTITUTE OF ENVIRONMENTAL  
MANAGEMENT & ASSESSMENT



## CONTENTS

<b>NON-TECHNICAL SUMMARY .....</b>	<b>1</b>
<b>A. INTRODUCTION .....</b>	<b>3</b>
<b>B. METHODS .....</b>	<b>5</b>
B.1 Survey Rationale and Positioning of the Sampling Stations .....	5
B.2 Benthic Sample Acquisition and Assessment .....	13
B.2.1 Benthic Sample Acquisition .....	13
B.2.2 Separation and Analysis of Fauna .....	14
B.2.3 Biomass Determination .....	14
B.2.4 Particle Size Distribution .....	14
B.3 Seabed Imagery Acquisition and Assessment .....	15
B.3.1 Seabed Imagery Acquisition .....	15
B.3.2 Seabed Imagery Analysis .....	15
B.4 Habitat Mapping .....	16
B.5 Epibenthic Sample Acquisition and Analysis .....	16
B.6 Statistical Analysis .....	17
B.6.1 Univariate Analysis .....	17
B.6.2 Multivariate Analysis .....	17
B.7 GIS .....	18
<b>C. RESULTS .....</b>	<b>19</b>
C.1 Composition of the Seabed .....	19
C.1.1 Particle Size Analysis .....	19
C.1.2 Multivariate Statistical Analysis of EAOW Sediment Data .....	22
C.2. Nature of the Benthic Fauna .....	26
C.2.1 Composition of the Benthos .....	26
C.2.2 Distribution of Abundance, Taxonomic Richness and Biomass .....	29
C.2.3 Multivariate Statistical Analysis of Infauna .....	33
C.2.4 Relating the Multivariate Patterns within the Sediment Data to the Multivariate Patterns within the Faunal Data .....	36
C.3 Targeted Sampling .....	37
C.3.1 The Distribution of Species of Interest .....	38
C.4 Nature of the Epibenthos .....	46
C.4.1 Composition of the Epifauna .....	46
C.4.2 Distribution of Epifaunal Abundance, Taxonomic Richness and Biomass .....	48
C.4.3 The Distribution of Epifaunal Species of Interest .....	52
C.4.4 Multivariate Statistical Analysis of Epifauna .....	56
<b>D. HABITAT MAPPING .....</b>	<b>59</b>
D.1 Introduction to Habitat Mapping .....	59
D.1.1 Seabed sediment Folk map .....	59
D.1.2 Level 4 EUNIS physical habitat model .....	61
D.1.3 Faunal model .....	64

<b>E. CONSERVATION .....</b>	<b>70</b>
E.1 Protected Areas .....	70
E.1.1 Internationally Protected Areas .....	70
E.1.2 Marine Conservation Zones.....	70
E.1.3 Sites of Special Scientific Interest .....	70
E.2 Annex I Habitats.....	72
E.2.1 Sandbanks .....	72
E.2.2 Sabellaria spinulosa Reefs .....	72
E.2.3 Other Annex I Habitats .....	80
E.3 Biodiversity Action Plan Habitats .....	80
E.4 Species of Conservation Interest.....	80
<b>F. CONCLUSIONS.....</b>	<b>82</b>
F.1 Composition of the Seabed .....	82
F.2 Nature of the Benthos.....	82
F.3 Nature of the Epibenthos.....	83
F.4 Habitat Mapping.....	84
F.5 Conservation .....	84
F.6 Summary.....	84



## NON-TECHNICAL SUMMARY

The East Anglia Offshore Windfarm zone (EAOW) is situated a minimum of 14km off the East Anglian coast. Marine Ecological Surveys Limited (MESL) was commissioned to undertake a benthic characterisation survey of the EAOW Zonal Environmental Assessment (ZEA) area on behalf of East Anglia Offshore Wind Ltd (EAOW Ltd); a joint venture comprising Scottish Power Renewables and Vattenfall Wind Power.

This report represents a detailed documentation of the EAOW ZEA benthic characterisation programme, providing a full account of the methods used for design of the sampling array, acquisition of all samples in the field, analysis and presentation of the data and detailed analysis of results. The objective of this report is to provide detailed information on the benthic and epibenthic biological communities that occur across the survey area, in addition to describing the composition of the sediments within which the identified benthic communities occur. The occurrences of species, communities or habitats of conservation significance are also investigated. The findings of this report will be used by EAOW Ltd in order to identify areas which have the greatest potential to support the development of future windfarms across the ZEA area.

This report represents a characterisation of the EAOW zonal area, and is based on data collected between June 2010 and January 2011. A total of 643 faunal grabs, 639 particle size distribution (PSD) samples, 78 trawl samples and underwater images at 107 stations were acquired from across the EAOW zones.

The sediments across the EAOW zone are predominantly comprised of sandy substrates with varying levels of gravel composition, and patches of mixed sediments present intermittently across the area. Examination of the sediment data from Area A revealed that the benthic deposits were predominantly sandy in nature, with slightly gravelly sand found at the majority of stations. In addition, sparsely distributed patches of coarser material were found at stations to the south of the zone.

The substrata of EAOW Area B were found to comprise deposits of predominantly fine sandy materials, particularly at the stations which were situated towards the offshore-fringes of the area. Multivariate analysis indicated that the majority of sediments were classified as Sandy Gravel, which was corroborated by analysis of seabed imagery.

A total of 428 taxa were recorded during the course of the EAOW zonal survey. Mean per-sample values of 70 individuals, 16 taxa and 0.26g ash free dry weight (gAFDW) biomass were recorded across the zone. The values observed reflect that the EAOW zone largely comprises expanses of mobile sandy substrata which support comparatively low abundances of small fauna drawn from a limited range of different taxa.

Annelida made the greatest contribution to abundance and taxonomic richness, with *Sabellaria spinulosa* and *Spiophanes bombyx* being the most abundant taxa. In contrast, Echinodermata made the greatest contribution to total biomass (gAFDW). Mollusca and Miscellaneous generally made the lowest contributions to each faunal metric, with the exception of diversity. Faunal abundance, taxonomic richness and biomass were not uniformly distributed across the area of interest, with localised clustering of higher values apparent across the area. Stations supporting higher values of biomass correlated weakly with those supporting higher levels of abundance and taxonomic richness. Area B generally supported the highest levels of abundance, taxonomic richness and biomass. The majority of stations were found to support comparatively sparse populations of fauna, suggesting that parts of the EAOW zone are areas of limited ecological importance.

Multivariate analysis identified ten distinct faunal groups present across the area, which showed relatively high clustering when plotted spatially. A significant relationship was found between faunal distribution and sediment composition, with the strongest correlation found between faunal communities and gravel (2-8mm), sand and fine silt substrata.

A total of 95 taxa were recorded during the course of the EAOW zonal epibenthic survey. The mean per-trawl number of individuals was 956, the number of taxa was 24 and the biomass was 3,659gWW (wet weight).

Crustacea dominated epibenthic abundance and fish species contributed the most to overall biomass and taxonomic richness. Other major groups made variable contributions to abundance, taxonomic richness and biomass, however Annelida consistently made the lowest contributions to each index. The crustacean *Crangon allmanni* was the most abundant organism sampled from across the area of interest, accounting for almost 50% of all organisms sampled. Fish made a very significant contribution to total biomass despite being low in abundance. This is reflective of the comparatively large body size of these organisms.

The distribution of epibenthic taxa across the area of interest was very variable. Trawl stations which supported the greatest epifaunal abundance were found within the northern sector of Area B, and the smallest epibenthic populations were found towards the southern sector of Area B and over the majority of Area A. Epibenthic taxonomic richness was found to be relatively uniform across the EAOW zone. The highest values of biomass (gWW) per trawl were recorded within the northern sector of Area B.

Multivariate analysis of epibenthic data identified four distinct epifaunal groups, which showed clear geographical separation when plotted by station. The key species of these groups remained relatively similar with group composition being influenced by the contributions made by less abundant taxa.

Habitat mapping was undertaken for the EAOW zonal area, based on multivariate benthic faunal groups, sediment classification and environmental factors, resulting in a map of likely faunal group occurrence across the area of interest. The final habitat map has resulted in some distinct area coverages of the majority of faunal groups, showing their preferences for certain sediment types, biological zones, water body types, temperature and energy at the seabed.

The EAOW zone lies within, or in close proximity to a number of marine protected areas, in particular the Outer Thames Estuary Special Protection Area (SPA), part of which overlaps with western fringes of Area B. At its closest point, the Outer Thames Estuary SeciPA lies approximately 7km from EA ONE. Draft Marine Conservation Zones have been identified outside the boundaries of the EAOW zone.

Habitats listed under Annex I of the EC Habitats Directive have also been identified in the vicinity of the EAOW zone. This includes biogenic reef habitats formed by the tubicolous polychaete *Sabellaria spinulosa*. Four areas showing consistently high evidence of *Sabellaria spinulosa* presence occurred within Area B, in addition to one area within Area A. Multivariate analysis showed that, in terms of faunal assemblages, these potential reef communities were significantly different from non-reef communities.

Four taxa of conservation interest were identified across the EAOW zone, including three that are described as nationally scarce, and one species which is believed to be as yet undescribed by the scientific community. All of these organisms were present in very low numbers and none were recorded within EA ONE.

In summary, a comprehensive analysis of acoustic, benthic, epibenthic and seabed imagery data has been carried out on the EAOW zonal data in order to provide EAOW Ltd with a robust characterisation of the EAOW zone. The results have shown that Area B was predominantly comprised of sandy substrata with a few local areas of mixed sediment that have been colonised by faunal assemblages exhibiting greater taxonomic richness than Area A. Area A is characterised by the occurrence of mixed and patchy substrates, interspersed with areas of sand. The localised areas at which aggregations of *Sabellaria spinulosa* exhibit the potential for Annex I habitat classification are confined to the western side of Area A and the northern and western reaches of Area B. EA ONE is comprised of relatively homogeneous substrates and concomitant faunal composition.

## A. INTRODUCTION

The East Anglia Offshore Wind Farm (EAOW) zone is located at a minimum distance of 14 km off the Norfolk and Suffolk coasts in the southern North Sea. Figure 1 shows the location of the EAOW zone which comprises two areas known as Area A and Area B. The two areas are separated by an International Maritime Organisation (IMO) deep water shipping route. Together Zones A and B form the EAOW Zonal Environmental Assessment (ZEA) survey area.

It is envisaged that the EAOW ZEA area will support a number of offshore windfarms which will be developed over the coming years. Upon the completion of development within the ZEA it is anticipated that the EAOW zone may produce up to 7.2GW of energy; enough to meet the demand created by up to 5 million homes. The first windfarm to be constructed in the area will be East Anglia ONE (EA ONE), an area which lies within the south-eastern reaches of Area B.

Marine Ecological Surveys Limited (MESL) were commissioned to undertake a benthic characterisation survey of the EAOW ZEA area on behalf of East Anglia Offshore Wind Ltd; a joint venture comprising Scottish Power Renewables and Vattenfall Wind Power.

EAOW zone, MESL completed a comprehensive benthic survey of the area using an array of different sampling techniques including grabbing, trawling and the acquisition of seabed imagery. A total of 643 faunal grabs, 78 trawl samples, 639 PSD samples were acquired during the course of the investigation, in addition to the acquisition of seabed imagery from a number of stations. The EAOW ZEA characterisation surveys were completed between July 2010 and January 2011.

Prior to the commencement of the benthic survey a geophysical survey of the EAOW ZEA was commissioned by EAOW Ltd. The geophysical data acquired from across the area were subject to a detailed ecological review by MESL in order to identify the locations of any potentially ecologically sensitive areas across the ZEA area.

The results of the geophysical data review were used to inform the sampling array devised by MESL ahead of the survey and to support the zonal habitat characterisation.

MESL's approach to devising a sampling array for the EAOW survey is fully described in the Terms of Reference for the project<sup>1</sup> which were approved by Cefas, JNCC and Natural England prior to commencement of field operations.

This report represents a detailed documentary of the EAOW ZEA benthic characterisation programme, providing a full account of the methods used for design of the sampling array, acquisition of all samples in the field, analysis and presentation of the data and detailed analysis of results. The objective of this report is to provide detailed information on the following:

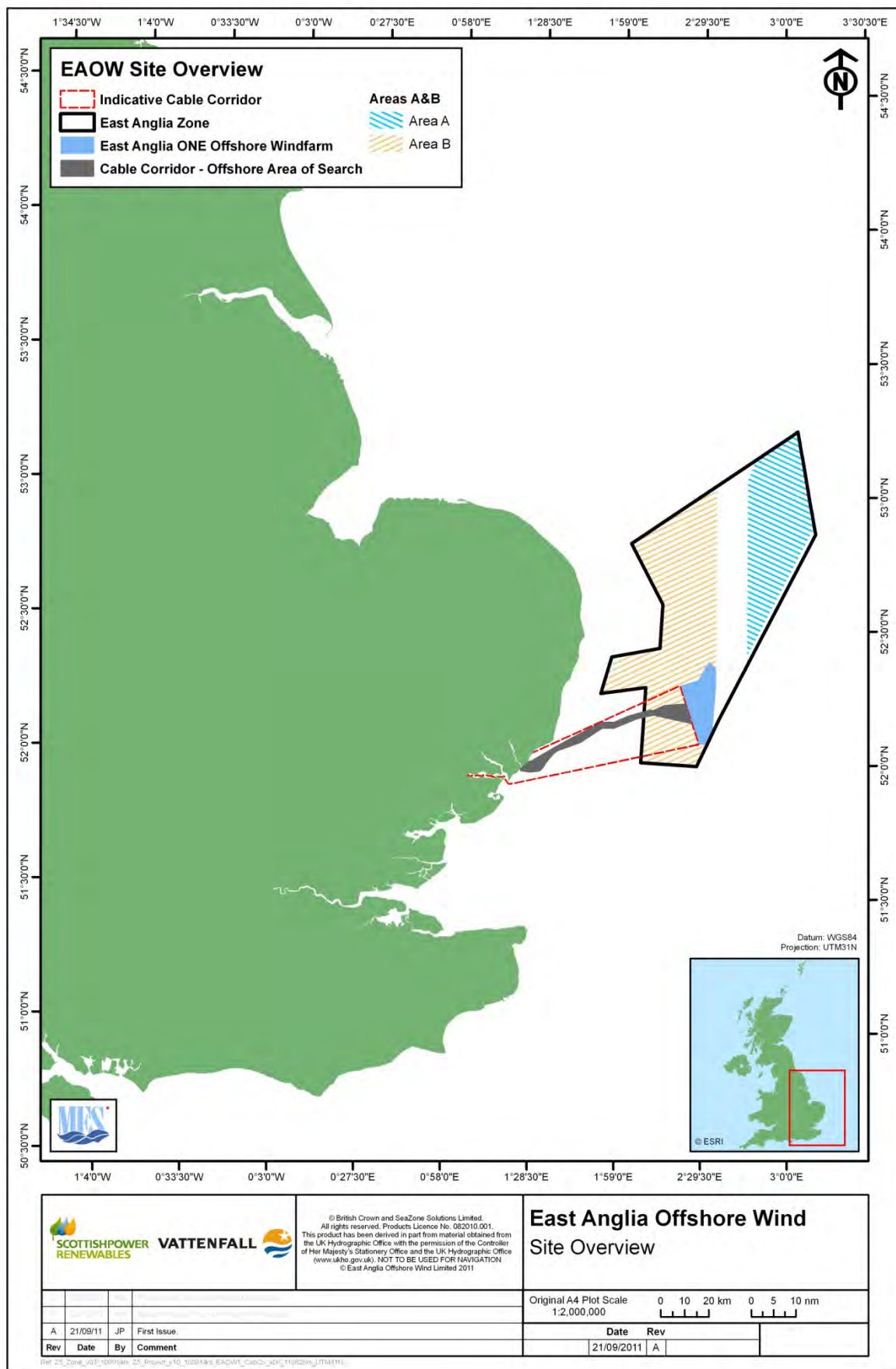
- The benthic biological communities that occur across the survey area and the key characterising taxa which occur within each community type
- The distribution of sediment types across the survey area and the relationship between sediments and biological community composition
- The composition of the sediments within which the identified benthic communities occur
- The occurrence of species, communities or habitats of conservation significance

The findings of this report will be used to identify areas which have the greatest potential to support the development of future windfarms across the ZEA area.

A detailed benthic characterisation study of EA ONE was undertaken at the same time as the ZEA characterisation. The findings of the detailed EA ONE benthic characterisation study are presented in a separate report. The EA ONE report focuses on all of the data acquired for the area that lies within the footprint of potential impact for EA ONE.

---

<sup>1</sup> MESL (2010). East Anglia Offshore Windfarm: Benthic Biological Survey. Outline Terms of Reference for a Benthic Baseline Characterisation Survey. MESL, 3 Palace Yard Mews, Bath.



**Figure 1.** The East Anglia Offshore Windfarm Zonal Environmental Appraisal area. Area A is shaded blue and Area B is shaded in orange. The EA ONE area is highlighted within Area B. The E AOW cable route corridor is also shown.

## B. METHODS

### B.1 Survey Rationale and Positioning of the Sampling Stations

The EAOW ZEA benthic survey sampling array was produced using a strategic, iterative approach, which gave consideration to three distinct tiers of data in order that a rational and robust sampling regime could be devised.

The first iteration of the survey plan involved the development of a uniform GIS grid which reflected the grid devised for the acquisition of geophysical data. The vertices (points of intersection) of the grid were used to position the benthic target stations in the first instance. Stations from which epibenthic trawls and seabed imagery were to be acquired were positioned at lower densities.

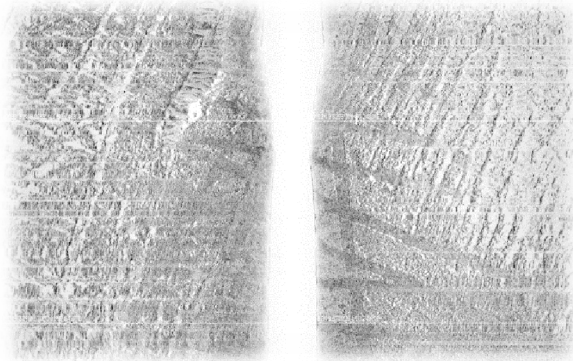
The second iteration of the sampling array included the micrositing of grab, camera and trawl positions around the grid vertices in order that potentially hazardous obstructions (pipes, cables, wrecks, moored instruments and unidentified features) were avoided. All potential obstructions were identified from the SeaZone Hydrospatial data for the area. Each proposed station was microsited so that all sites were ~500m from obstructions. The position of each station was considered on a case-by-case basis such that whilst some sites were moved to the nearest 'safe' position, others were simply reallocated to areas of the sampling grid which were indicated as being 'safe' targets following analysis of the geophysical data.

The third and final iteration of the station array comprised the micrositing of the grab, trawl and camera positions in order to minimise any potential for damage to ecologically sensitive features that might occur across the area, such as Annex I biogenic reefs, during sampling. These potential Annex I reefs were identified following a detailed review by MESL of the side-scan sonar data gathered from across the site. Side-scan sonar data were processed for all lines on which stations were planned, to identify any anomalous terrain across the grid.

Geo-referenced polygons of these anomalous terrains were captured during the geophysical data-streaming process. The positions of these polygons as they relate to seabed rugosity are shown in Figure 2. Data acquired from the 566 benthic grid stations and 78 epibenthic grid stations were used for all univariate analysis and multivariate data analysis contained in this report. Seabed imagery was acquired from 25 grid stations.

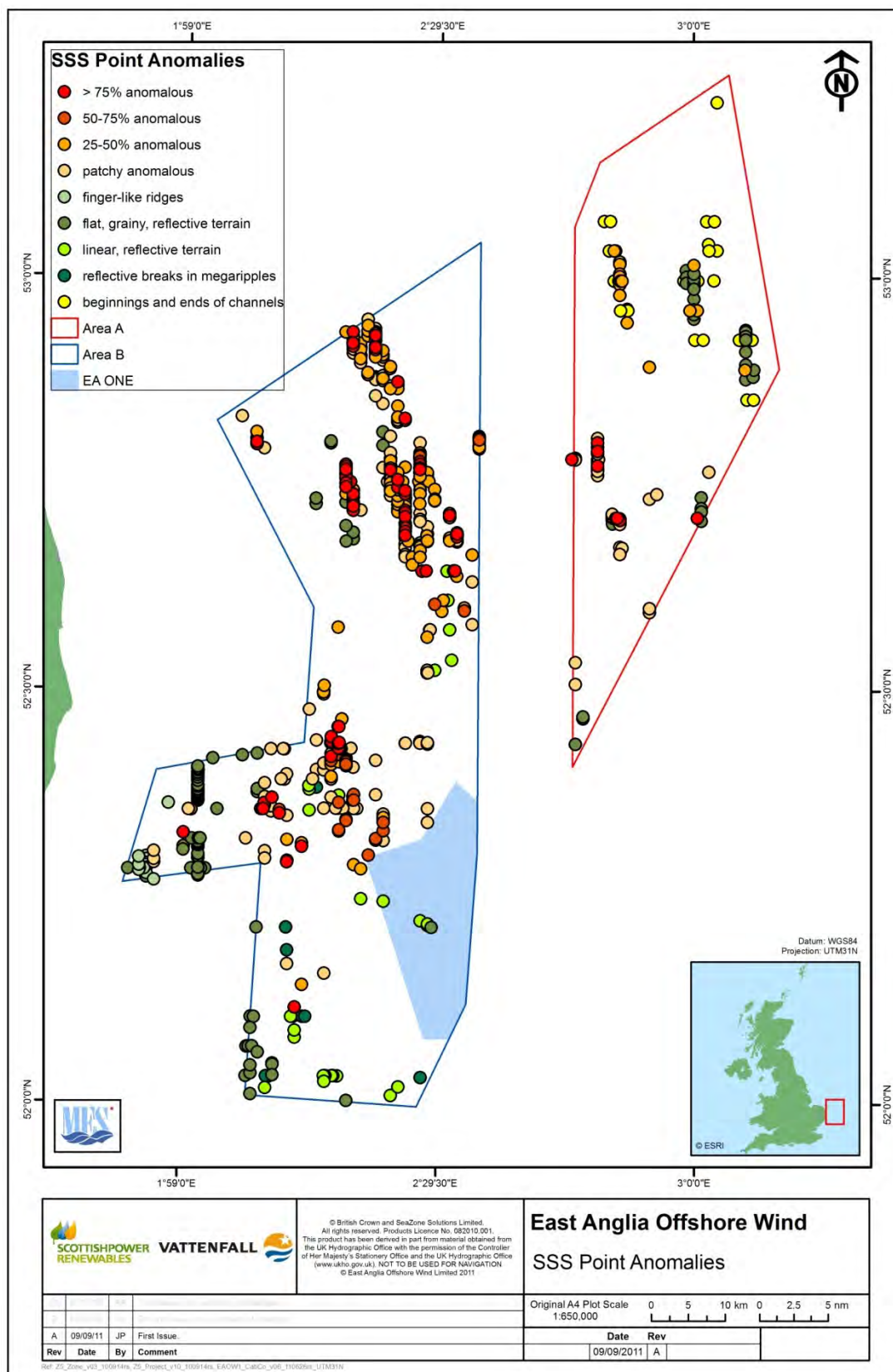
As a supplement to the grid stations, further samples were allocated across the zone in order to secure as much information as possible on anomalous terrains which had the potential for classification as important conservation areas. A total of 77 additional grabs were secured of which 75 yielded sediment sub-samples. The detailed faunal composition of these additional stations is analysed in the Targeted Sampling section (Section C.3) of this report. The data acquired from these targeted stations were excluded from the certain sections of this report in order to avoid biasing the characterisation of the wider zone through the over-representation of the atypical habitats that these stations were specifically targeted towards.

The ecological micrositing of all sampling positions was undertaken in line with advice and guidance received from the JNCC prior to survey mobilisation. Wherever anomalous terrain of high rugosity (typical of biogenic reefs) was identified within the side-scan sonar data-set, the sampling array was refined by positioning the sampling stations at the 'fringes' of potential biogenic reefs.



**Plate 1.** A screen-grab of geophysical data acquired from the EAOW zone. Beam trawl scars across an anomalous terrain are evident.

© [www.seasurvey.co.uk](http://www.seasurvey.co.uk)



**Figure 2.** Chart showing the distribution of anomalous seabed textures, based on rugosity, secured by CODA streaming of acoustic data for the EAOW zone.

Seabed imagery was acquired at each of the 77 anomalous stations in order to further microsite the sample stations to reduce the possibility of disruption to any ecologically sensitive areas that were encountered. Seabed imagery was acquired from a further five anomalous stations from which no grabs were obtained, thus seabed imagery was gathered from 82 anomalous stations.

Upon finalisation of the EAOW zonal sample array a total of 643 benthic grab stations were allocated to the area of interest, together with 78 trawl stations and 107 seabed imagery stations, with these figures including all grid stations and anomalous stations.

Figures 3, 4, 5, 6, & 7 show the positions from which grab, camera and trawl samples were obtained. Note that the positions of the additional grab samples acquired to inform EAOW on the presence of potential Annex I habitats have not been included in Figure 3.

The final sampling locations, together with a variety of analytical outputs, are presented in the GeoPDF which accompanies this document.

MESL's quality assurance statement for this project is shown in Appendix Table 1. The positional data for all samples acquired throughout the duration of the ZEA, along with field notes for each grab sample and seabed image, are presented in Appendix Table 2 and Appendix Table 3.

The specific methods used to acquire all grab samples, seabed images and trawl samples are presented in Sections B.2.2 - B.2.4

All Appendix Tables relating to the benthic data are colour coded as follows:-

- **Blue** – original sampling grid based on the geophysical data acquisition lines
- **Red** – additional sample stations allocated as a result of identification of seabed rugosity by CODA streaming of the acoustic data

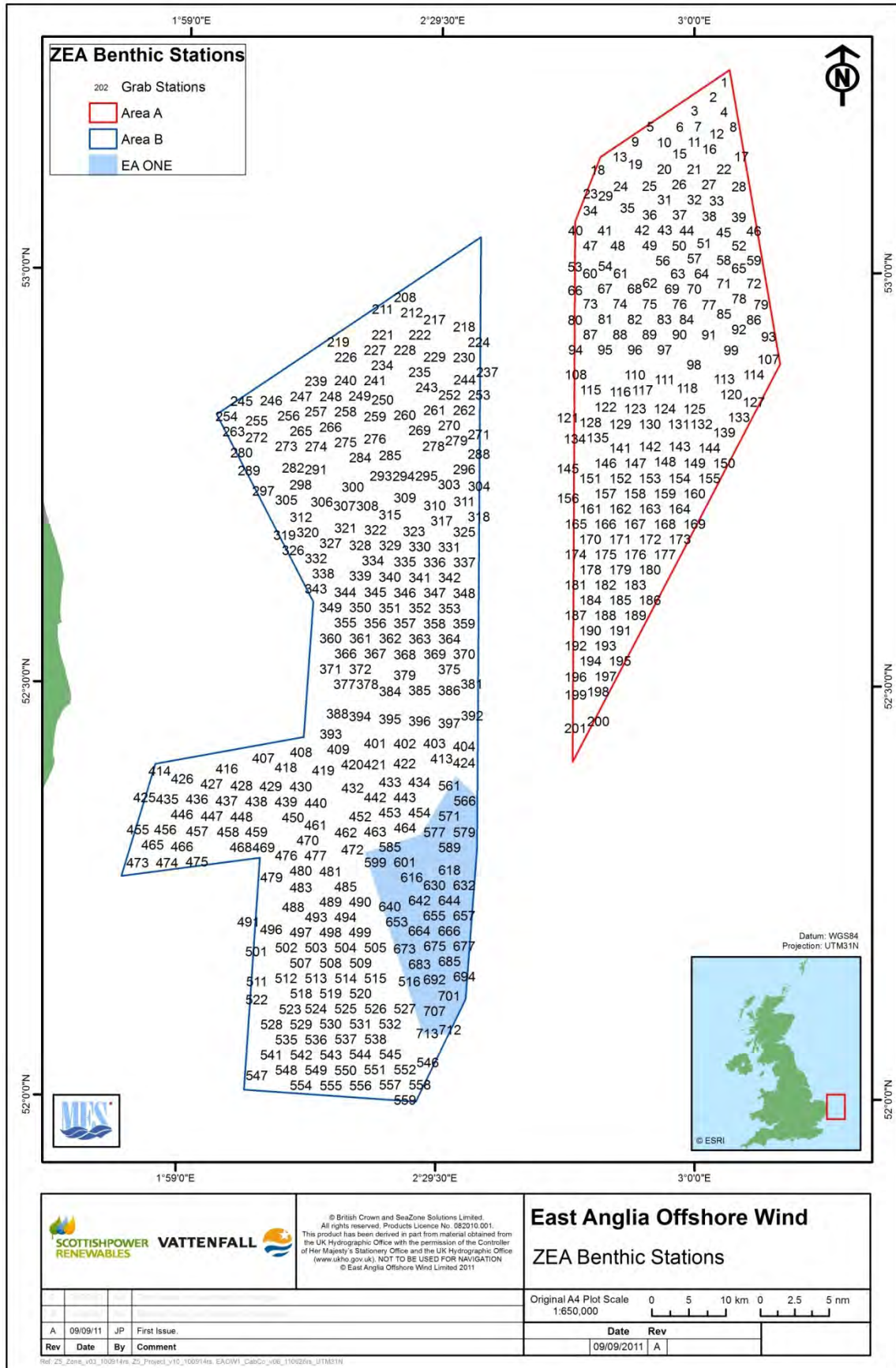
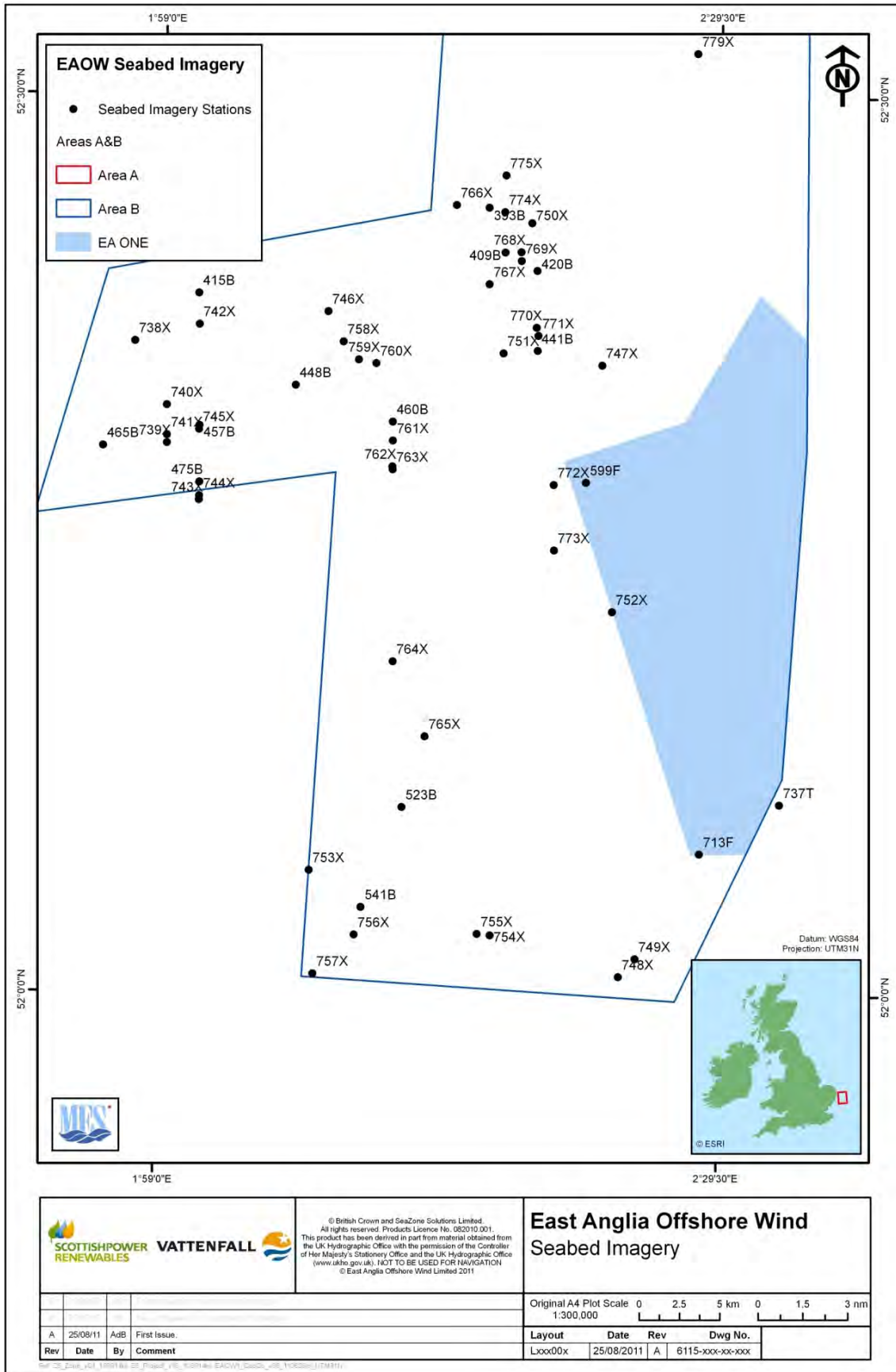
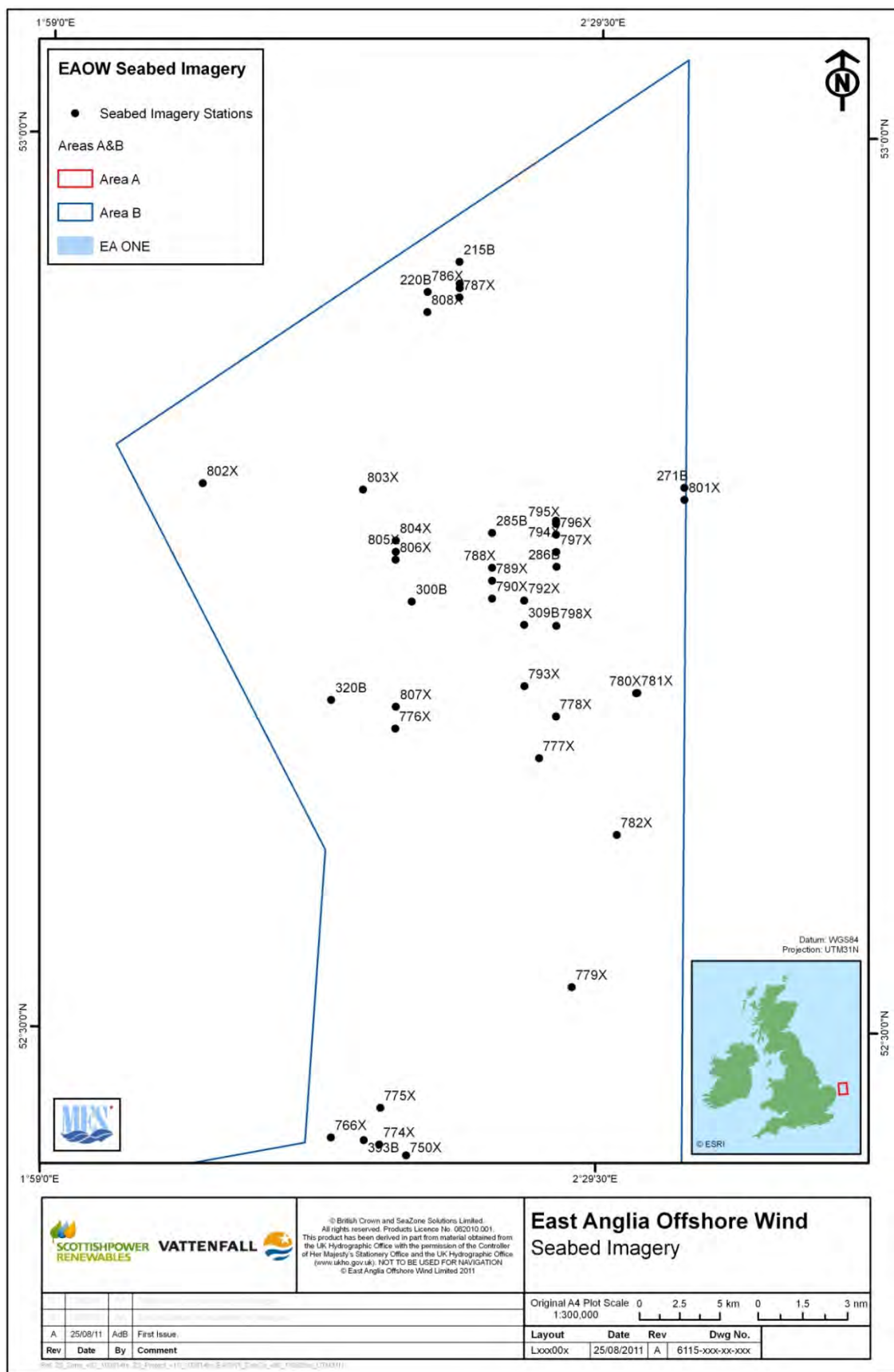


Figure 3. The stations from which 0.1m<sup>2</sup> mini-Hamon grab samples were acquired from the EAOW zone.

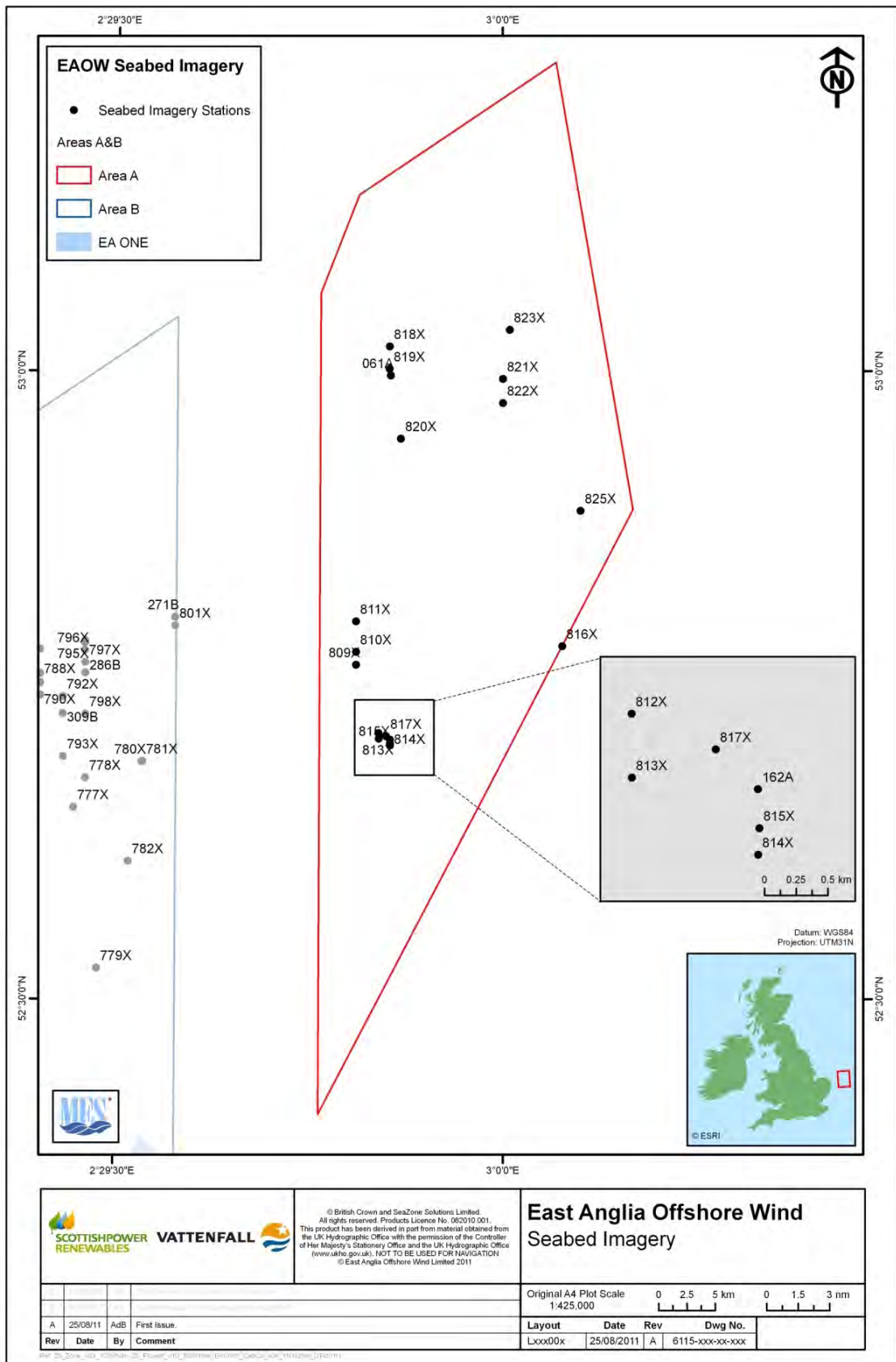




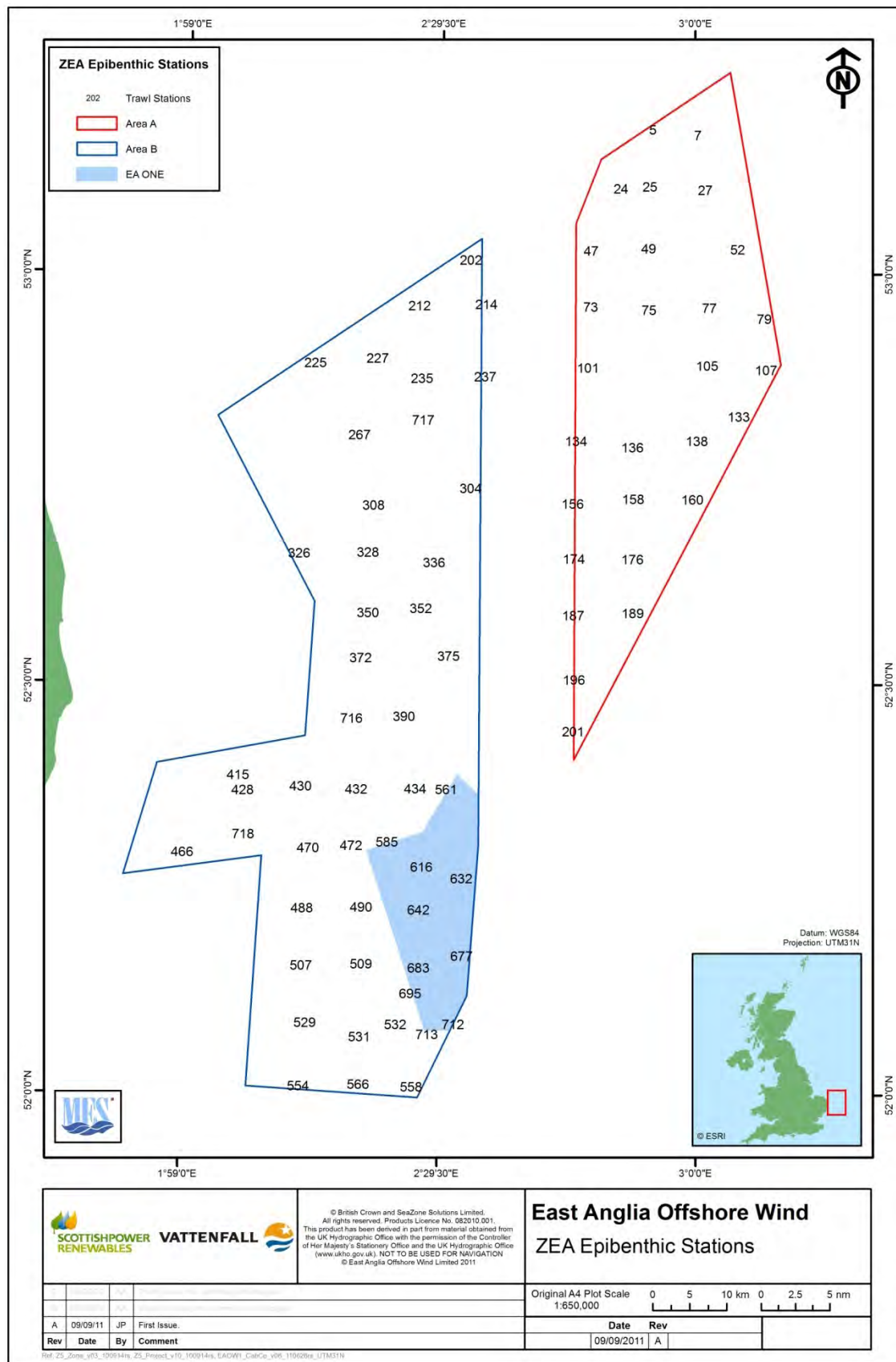
**Figure 4.** The stations from which seabed images were acquired from across the southern sector of EAOW Zone B. Seabed images were acquired from all targeted stations, in addition to 25 grid stations.



**Figure 5.** The stations from which seabed images were acquired from across the northern sector of EAOW Zone B. Seabed images were acquired from all targeted stations, in addition to 25 grid stations.



**Figure 6.** The stations from which seabed images were acquired from across EAOW Zone A. Seabed images were acquired from all targeted stations, in addition to 25 grid stations and 5 imagery only stations.



**Figure 7.** The stations from which trawl samples were acquired from across the EAOW zone. Start positions are shown.

## B.2 Benthic Sample Acquisition and Assessment

### B.2.1 Benthic Sample Acquisition

The EAOW benthic survey mobilised on the 20th September 2010 and concluded on the 7th January 2011. The survey platform for this project was the *MV Ivero*; a vessel operated by the Gardline Group.

The actual positions of all targeted benthic grab stations were recorded using dGPS with a nominal accuracy of within 2m. All benthic samples were obtained using a standard 0.1m<sup>2</sup> mini-Hamon grab deployed from the survey vessel.

At each station the grab was lowered to the seabed and, once triggered, an offset positional fix was obtained and the grab was recovered onto the deck of the survey vessel. Subsequently, the sample was discharged into a plastic box below the grab stand. A photograph of each sample was taken (EAOW GeoPDF) and the sample was either accepted or rejected dependent on the volume (sample >5L accepted). A maximum of three attempts were made at each station to obtain a sample in excess of 5L. Where all 3 samples were <5L in volume, the largest was retained for processing and a decision was made as to whether removing a sub-sample for particle size distribution (PSD) analysis was appropriate.

Detailed logs were kept for each grab deployment and notes were made relating to a variety of sample characteristics including volume, observable sediment type and obvious fauna. Where sample volumes allowed, three small sub-samples were obtained from the sediment in the box and the pooled sample of between 0.5 and 1.0L was retained in a labelled plastic bag for subsequent particle size distribution analysis.

Where *Sabellaria spinulosa* was observed within a grab sample, detailed field notes were prepared and additional photos were taken of any significant amounts identified during sieving. These photos are presented in EAOW GeoPDF. The sample and *Sabellaria* field notes are presented in Appendix Table 2 and Appendix Table 3.

The *Sabellaria* field notes relate to the following parameters:

- Weight of *Sabellaria* reef (g)
- Volume of *Sabellaria* reef (l)
- Maximum tube aperture (mm)
- Average tube aperture (mm)
- Maximum tube length (cm)
- Average tube length (cm)
- Type (with associated approximate percentage)
  - Veneer = encrusting growing horizontally – one or two layers of tubes
  - Clump = growing vertically
  - Reef = large aggregations of many tubes
  - Rubble = broken, loose tubes

Following sub-sampling, the residual grab samples were placed on a 1mm mesh net supported on a 1mm mesh stainless steel sieve and were gently eluted with seawater to remove fine particles. The residual sample was transferred from the net into a labelled plastic bucket (using external and internal labels), preserved in formalin and sealed with a tight fitting lid and tape. Samples were then stored in an industrial container on the vessel before being transported to MESL's purpose built analytical laboratory.



**Plate 2.** Retrieving the 0.1m<sup>2</sup> mini-Hamon grab on board the *MV Ivero* during the EAOW zonal survey.  
© [www.seasurvey.co.uk](http://www.seasurvey.co.uk)

### B.2.2 Separation and Analysis of Fauna

On arrival at the MESL analytical laboratory, the samples were checked against the field notes in accordance with MESL's standard operating procedures (Appendix Table 1) and signed against the list of samples collected. The excess formalin was then poured through a 1mm mesh sieve and collected for licensed disposal. Each sample was gently eluted with tap water through a 1mm mesh sieve to extract the low-density components (Crustacea and polychaetes) and combined with the material initially separated from the formalin in the sample. The larger macrofauna were removed from the eluted material.

This stage in the initial sorting process was carried out in the open air to reduce the effects of residual formalin used to preserve the sample on the survey vessel.

The sediments were subsequently sorted under a stereomicroscope with the aim of extracting the fauna. The entire sample of separated fauna was then preserved in industrial methylated spirit (IMS) for analysis. Each of the extracted samples was subsequently sorted into major faunal groups before being analysed to species level by trained taxonomists who sign a log sheet on completion of the analysis of each individual sample. All taxonomic identification was thoroughly checked throughout the process both by senior analysts and against a reference collection held for ease of use in the analytical laboratory.

Marine Ecological Surveys Limited is a leading participant in the National Marine Biological Analytical Quality Control (NMBAQC) scheme. Species identification was recorded in a standard format using species codes from Howson & Picton (1997). The data were entered into the MESL UNICORN (Access-based) database.

### B.2.3 Biomass Determination

The blotted wet weight of major groups recorded from the benthic grab samples was measured. These data were then used to estimate total biomass as ash-free dry weight (AFDW) in grams using conventional conversion factors for each of the faunal groups. The wet weight conversion factors are as follows in accordance with Eleftheriou & Basford (1989)<sup>2</sup>.

Annelida = x0.155;  
Crustacea = x0.225;  
Mollusca = x0.085;  
Echinodermata = x0.08;  
Miscellaneous groups (including Porifera & Bryozoa) = x0.155

### B.2.4 Particle Size Distribution

The sub-samples of sediment obtained in accordance with the procedures outlined in Section B.2.1. were subject to full particle size analysis by Gardline Environmental Limited (GEL). The sediments were sieved over the range 31.5mm-0.063mm on the Wentworth scale. The results were expressed as absolute percentage retained on each sieve size. These results are summarised in Appendix Table 7 and are summarised in Appendix Table 8 into fractions of % gravel, % sand and % silt for ease of broad-scale substrate assessment.



**Plate 3.** Sub-sampling for Particle Size Distribution (PSD) analysis. © [www.seasurvey.co.uk](http://www.seasurvey.co.uk)

<sup>2</sup> Eleftheriou, A & Basford, D.J. 1989. The macrofauna of the offshore northern North Sea. *Journal of the Marine Biological Association, UK*, 69, 123-143.

### B.3 Seabed Imagery Acquisition and Assessment

#### B.3.1 Seabed Imagery Acquisition

Seabed imagery was targeted at 107 camera and grab stations across the EAOW zone, of which 82 stations were additional stations allocated as a result of CODA streaming of acoustic data. Video imagery and multiple still seabed images were acquired from each of these stations.

The positions of all stills and the start and end positions of all videos were recorded using dGPS with a nominal accuracy of 2m. All imagery was obtained using an underwater camera with a freshwater lens; this is a bespoke system developed specifically for obtaining images in turbid, low light conditions such as those encountered in the North Sea.

During deployment the camera was slowly lowered to the seabed whilst the umbilical was tied to the winch wire at 10m intervals to prevent the cable from being pulled out by currents creating potential health and safety hazards. Once the camera reached the seabed, recording commenced, a fix was taken and still images with fixes were taken as the camera moved across the seabed. Following capture the quality of each image was checked and re-sampling was undertaken where necessary.

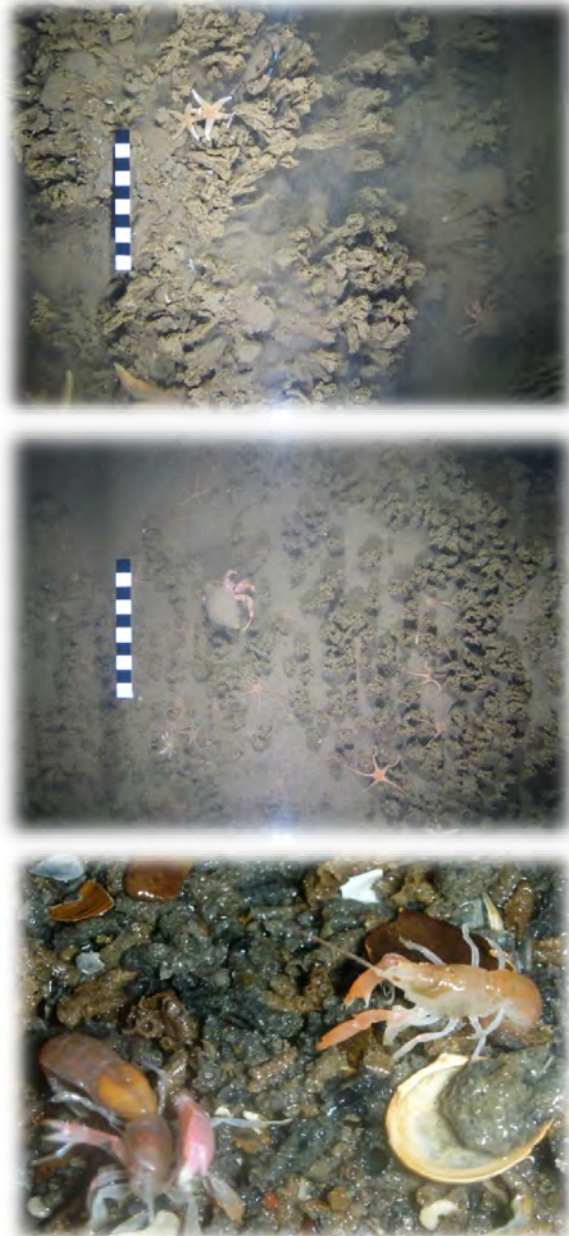
Between 5 and 10 images and 5 and 10 minutes of video were taken during each camera deployment. Examples of the seabed imagery acquired during the survey are presented in EAOW GeoPDF.

Detailed observational notes were made on the character of the sediment and fauna witnessed for each still image. These notes were entered into the survey log book and checked for consistency. The seabed imagery field notes are shown in Appendix Table 4.

#### B.3.2 Seabed Imagery Analysis

The seabed imagery acquired during the survey was inspected on the vessel in 'real time' in order to assess the presence, or otherwise, of important benthic habitats at stations which were indicated as being of

possible importance following the completion of the ecological geophysical review. Where potentially important habitats were discovered the seabed images were used to position the vessel at the fringes of the habitat before grabbing commenced. Following the completion of the field operations the seabed images were reviewed in order to assess the status and importance of any ecologically sensitive habitats such as *Sabellaria* reefs.



**Plates 4-6** (top to bottom). Examples of the seabed images acquired during the EAOW survey. Plates 4 and 5 show faunal assemblages associated with *Sabellaria* reef. Plate 6 shows the mud shrimp *Callianassa* (left) and *Upogebia* (right).

© [www.seasurvey.co.uk](http://www.seasurvey.co.uk)

## B.4 Habitat Mapping

A habitat mapping exercise has been undertaken utilising the faunal groups identified through multivariate analysis of the benthic faunal samples taken from across the ZEA zone.

In order to provide the most meaningful interpretation of data, the occurrence of the faunal groups identified by multivariate analysis has been related to physical characteristics, such as sediment and other environmental variables. These relationships may be relatively well established (e.g. reliance of fauna on sediment type) or experimental (e.g. seabed temperature).

The habitat mapping presented here is provided in three phases:

- The creation of a seabed sediment map based on the EAOW survey sediment data
- The creation of a broadscale EUNIS physical habitat map
- The development of a complex habitat suitability model to predict the likelihood of each faunal group across the region

A detailed methodology of the iterative process followed in creating the habitat maps is presented in Section D.

All mapping has been carried out in ArcGIS 9.3 using Spatial Analyst, as well as calculations developed using formulae in Excel.

## B.5 Epibenthic Sample Acquisition and Analysis

The EAOW epibenthic survey mobilised on the 23rd August 2010 and concluded on the 4th September 2010. The survey platform for this survey was the *Nicola Anne*; a vessel operated by Danbrit Ship Management Limited (DSML).

Each trawl sample was obtained with a 2m scientific beam trawl towed at approximately 1.5 knots. A bottom time of 10 minutes per trawl was maintained.

Following deployment of the trawl, each sample was brought aboard the vessel, discharged into a plastic fish box and photographed. Photographs of the contents of each trawl are presented in GeoPDF.

Fish and invertebrates sampled during trawling were sorted, enumerated, identified and weighed on board the survey vessel and, wherever possible, were returned to the sea alive (examples of species sampled are presented in Plate 10). Small and cryptic invertebrates and fish species that could not be accurately identified during the survey were preserved in 10% formaldehyde and brought back to the MESL laboratory for verification.

The abundance and wet weight (g) of non-colonial and non-encrusting species sampled with the 2 m beam trawl were recorded. Individual lengths were recorded for all fish taxa and for commercially important invertebrates (excluding shrimp).

Where large numbers of similar sized fish and invertebrates were encountered, subsampling was carried out in an appropriate manner.

Gobies, hermit crabs and small lugnards were identified to family level. Encrusting and colonial species were recorded on a presence/absence basis.



Field notes relating to the date and time of trawl and the prevailing weather conditions during the trawl were recorded throughout the course of the survey. Additionally, detailed field notes were made wherever *Sabellaria* was encountered. The *Sabellaria* field notes related to the following:

- Weight of *Sabellaria* reef (g)
- Volume of *Sabellaria* reef (l)
- Maximum tube aperture (mm)
- Average tube aperture (mm)
- Maximum tube length (cm)
- Average tube length (cm)
- Type (with associated approximate percentage)
  - Veneer = encrusting growing horizontally – one or two layers of tubes
  - Clump = growing vertically
  - Reef = large aggregations of many tubes
  - Rubble = broken, loose tubes

The trawl and *Sabellaria* field notes are presented in Appendix Table 5 and Appendix Table 6.

## B.6 Statistical Analysis

### B.6.1 Univariate Analysis

Univariate statistical analyses were carried out by MESL using Microsoft Excel (2007). The data were analysed in a number of ways in order to extract information regarding the abundance of fauna, the number of taxa present (taxonomic richness) and the total major group biomass (gAFDW) at each station. Additional summary data were extracted and are presented where appropriate.

### B.6.2 Multivariate Analysis

Multivariate analysis was carried out using the PRIMER V6 software package (Clarke & Warwick 1994a<sup>3</sup>, Clarke & Gorley 2001<sup>4</sup>). The following routines were employed:

#### Hierarchical Cluster Analysis

Cluster analysis aims to find 'natural groupings' such that samples within a group are more similar to each other than samples in different groups. The most commonly used clustering techniques are the hierarchical agglomerative methods.

The hierarchical agglomerative cluster method starts with a similarity matrix and 'fuses' the samples into groups and the groups into larger clusters, starting with the highest mutual similarities then gradually lowering the similarity level at which groups are formed until all of the samples are contained in a single cluster. The results of hierarchical clustering are represented by a tree diagram or dendrogram, with the x axis representing the full set of samples and the y axis representing the similarity level at which the groups are considered to have fused.

#### Multidimensional Scaling (MDS) Ordination

This technique allows the construction of a 'map' or configuration of the samples in multidimensional space. This configuration attempts to position the samples as accurately as possible to reflect the similarity between the samples. For example, if sample 1 has a greater similarity to sample 2 than it does to sample 3 then sample 1 will be positioned more closely to sample 2 than it is to sample 3. This 'map' of the relative similarities between samples is then plotted in two dimensions. It is important to remember that this two-dimensional plot is a representation of a multidimensional picture.

<sup>3</sup> Clarke, K.A. & Warwick, R.M. 1994. Similarity-based testing for community pattern: the 2-way layout with no replication. *Marine Biology*, 118: 167-176.

<sup>4</sup> Clarke, K.R. & Gorley, R.N. 2001. PRIMER v5: User Manual/Tutorial. Primer-E Ltd., Plymouth Marine Laboratory, Prospect Place, West Hoe, Plymouth PL1 3DH, UK. 91pp.

When large numbers of samples are analysed, or datasets that include samples that are very different to one another the accuracy of the two-dimensional plot may be reduced. A measure of the accuracy of the two-dimensional representation (stress) is given on the MDS plot.

Stress values <0.1 correspond to a good ordination; values <0.2 give a useful two-dimensional picture but one should not place too much reliance on the fine details of the plot; stress >0.3 indicates that the samples are close to being positioned in an arbitrary manner and should not be regarded as necessarily similar to one another, particularly in the upper half of this range.

### **The SIMPER Routine**

The SIMPER routine allows the identification and comparison of groups of samples. The SIMPER routine provides information on which factors are responsible for the within-group similarities and provides insight into the composition of the groups through the provision of summary statistics relating to the factors which drive the internal similarity of groups identified at a given statistical level.

Following the identification of groups within a given dataset the SIMPER routine provides insight into the species (or particle size fractions) responsible for the dissimilarity between groups. The species are listed in decreasing order of importance to group dissimilarity.

### **Matching Two Multivariate Patterns (Bio-Env and Relate)**

The RELATE routine provides a means of testing for correlations between two multivariate patterns within two different, but potentially related datasets. RELATE tests are used to test for correlations between the distribution of biological communities and the distribution of sediment types.

The BIO-ENV sub-routine is an exploratory tool that matches multivariate patterns so that combinations of variables are considered at ever increasing levels of complexity in order to find the BEST sub-set of variables that match with the biological patterns observed in the data.

### **Analysis of Similarity (ANOSIM)**

This is used to test the null hypothesis ( $H_0$ ) that there are no differences in community (or sediment) composition between pooled sample categories. The results expressed represent the extent of the similarities and differences between pooled data. Note that an ANOSIM test returns two values. An R statistic and a significance value.

R Statistics approaching zero = very slight differences & therefore a high degree of overlap between the groups

R Statistics of 0.2-0.3 – some difference but still with some degree of overlap between the groups

R Statistics approaching 1 (>0.5) = large differences & therefore only slight overlap between the groups

Significance values of <5% indicate the return of a statistically significant result.

### **B.7 GIS**

All of the GIS maps used in this report were generated using ArcGis 9.3.1. The WGS84 datum and UTM degrees N projection were used throughout.

## C. RESULTS

### C.1 Composition of the Seabed

#### C.1.1 Particle Size Analysis

A total of 564 PSD samples were acquired from across the area of interest at the zonal scale. All samples were acquired and analysed in line with the methodologies outlined in Section B.2.1 and Section B.2.4.

All sediment samples were sieved across a range of sieves from 31.5mm to 0.063mm. The results showing the percentages of material retained on each sieve are presented in Appendix Table 7.

The PSD data acquired from across the area of interest have been grouped into 3 broad categories which provide a meaningful summary of the composition of the sediments which occur at each of stations sampled during the EAOW zonal survey. The 3 categories are % gravel ( $\geq 2$ mm diameter), % sand (0.063mm- $< 2$ mm diameter) and % silt ( $< 0.063$ mm diameter). The % gravel, % sand and % silt results are summarised in Appendix Table 8.

Figure 8 and Figure 9 provide insights into the composition of the benthic substrata across the EAOW zone. These figures illustrate the distribution of gravel, sand and silt recorded from Area B and Area A respectively. These figures show that the substrata of the EAOW zone primarily comprised deposits of sand with patches of mixed sediments.

Figure 8 reveals that the substrata of EAOW Area B largely comprised deposits of predominantly sandy materials, particularly at the stations which were situated towards the eastern fringes of the area. In addition to this, substrata supporting comparatively high proportions of gravel were also recorded across Area B.

The greatest concentration of coarse sediments sampled during the EAOW zonal survey was recorded towards the west of Area B, within the landward protuberance.

Patches of comparatively coarse sediments were also recorded towards the south-western fringes of Area B whilst finer substrata were infrequently recorded across Area B, with small, scattered patches of muddy sand and sandy mud found predominantly towards the north of Area B.

Figure 9 provides an insight into the distribution of different sediment types across Area A. The benthic deposits found across this zone were predominantly sandy in nature. Small, sparsely distributed patches of muddy sand were found at clusters of stations across the heart of the zone.

In summary, the benthic substrata of the EAOW Zone are dominated by apparently homogeneous sandy deposits, with small clusters of mixed sediments recorded intermittently across the area.

Comparisons between Figure 8 and Figure 9 reveal that the sediments of Area A were typically composed of finer sediments than the substrata of Area B and that the sediments sampled from within Area B were more heterogeneous.

A review of the seabed imagery acquired from across the EAOW zone confirms that the seabed was dominated by sand.

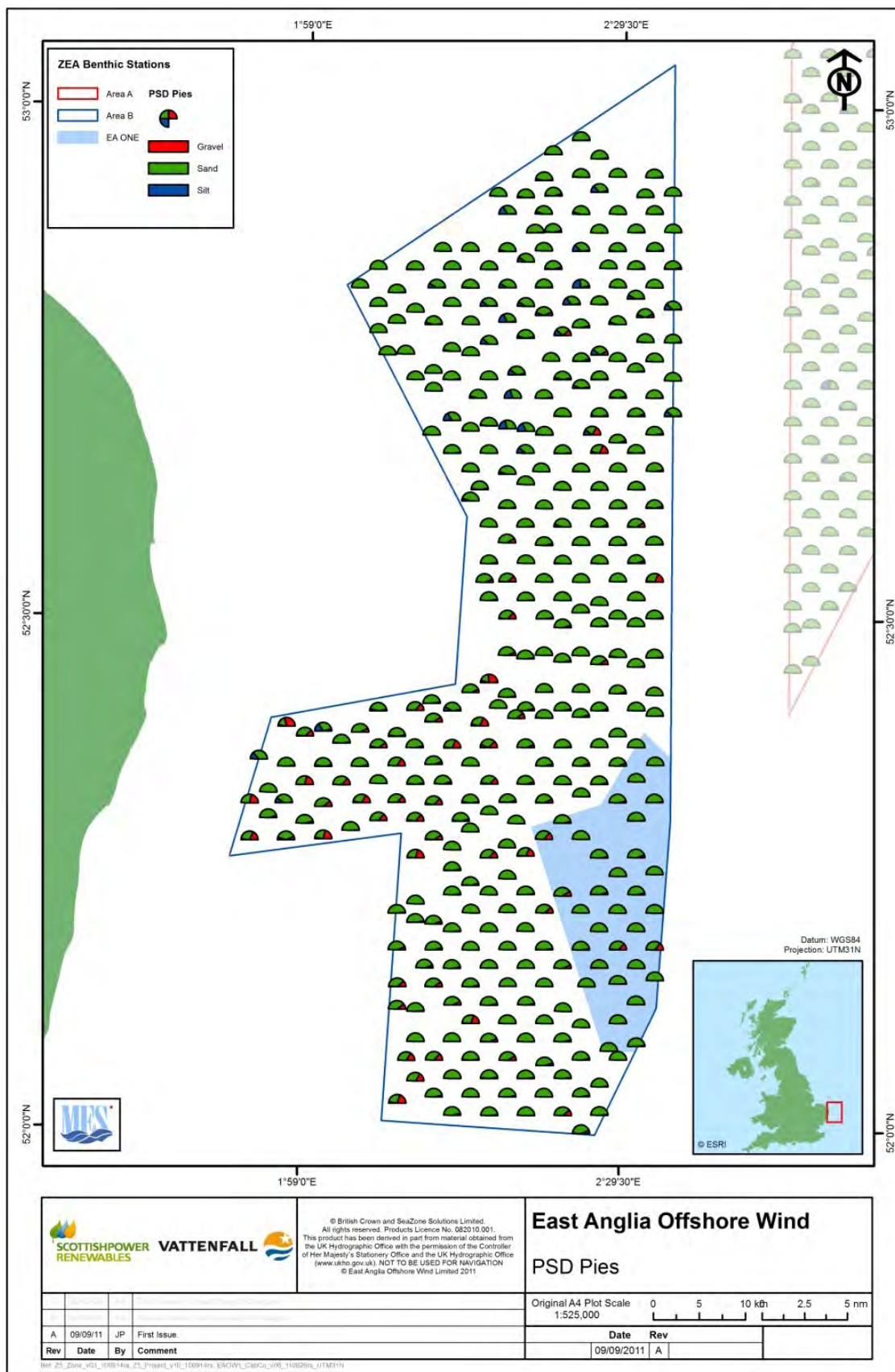


Figure 8. The distribution of gravel, sand and silt across EAOW Zone B.

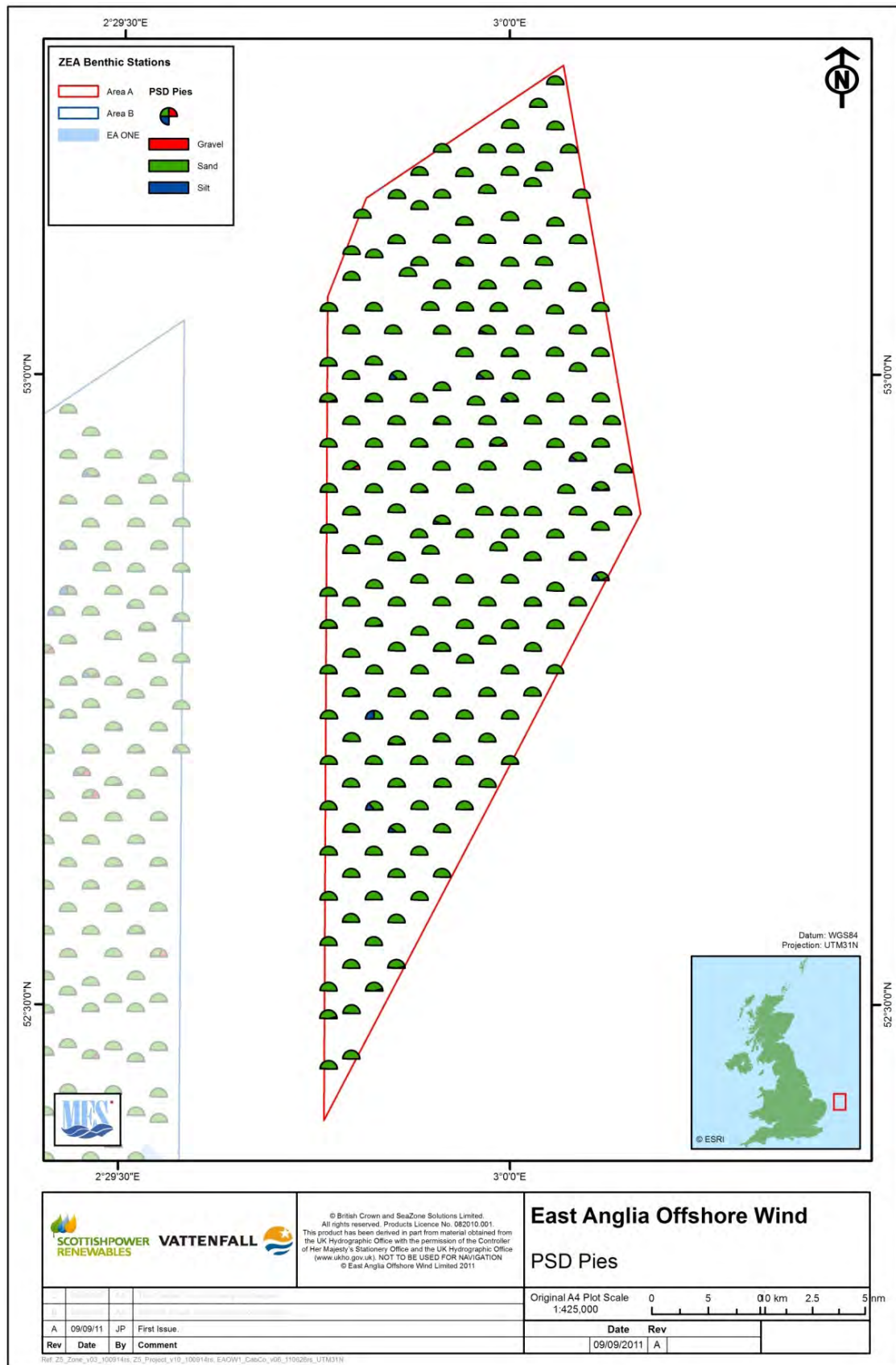


Figure 9. The distribution of gravel, sand and silt across EAOW Zone A.

### C.1.2 Multivariate Statistical Analysis of EAOW Sediment Data

The pie diagrams presented in Figure 8 and Figure 9 are a convenient visual method of expressing the overall proportions of silt, sand and gravel of which the EAOW sediment samples were composed. However, presenting PSD data in such a manner is of limited usefulness given that each sediment category represents an agglomeration of detailed data under broad headings and, as such, the nuances of the sediment composition at each station may be subsumed.

In order to make full use of the detailed PSD results presented in Appendix Table 7 the data have been analysed using sophisticated multivariate statistical techniques. Such techniques provide sensitive analytical tools which are capable of providing not only detailed insight into sediment composition, but also the relationships between samples obtained from the area. A variety of analytical techniques within the PRIMER software package were utilised in order to facilitate more detailed analyses of the data and to provide greater insight into the composition of the sea floor across the EAOW zone.

A group average sorting dendrogram (based on Euclidian Distance) and a corresponding two-dimensional multidimensional scaling (MDS) ordination was produced in PRIMER using the sediment data acquired from across the EAOW zone. The outputs of these analyses are presented in Figure 10.

Figure 10 reveals that the substrata of the area of interest were representative of a total of four distinct sediments at a Euclidean Distance of 50.

The low stress value for the MDS indicates that this image presents a reliable spatial interpretation of the inter-relationships between the sediment samples acquired from across the survey area.

The sediment groups have been categorised as **Sediment Group A**, **Sediment Group B**, **Sediment Group C** and **Sediment Group D**. A photographic example of each EAOW sediment group is presented in Plate 8.



**Plate 7.** An example of the sediments typically sampled from across the EAOW zone.

© [www.seasurvey.co.uk](http://www.seasurvey.co.uk)

Sediment Group	% Gravel	% Sand	% Silt	Folk Classification
<b>Sediment Group A</b>	32.76	54.74	12.48	Muddy Sandy Gravel (msG)
<b>Sediment Group B</b>	5.91	92.18	1.91	Gravelly Sand 1 (gS)
<b>Sediment Group C</b>	5.38	91.50	3.12	Gravelly Sand 2 (gS)
<b>Sediment Group D</b>	1.59	93.57	4.83	Slightly Gravelly Sand ((g)S)

**Table 1.** The mean proportions of gravel, sand and silt which comprised each of the EAOW zonal multivariate sediment groups. Each group has been assigned a group description based on the Folk Scale of classification.

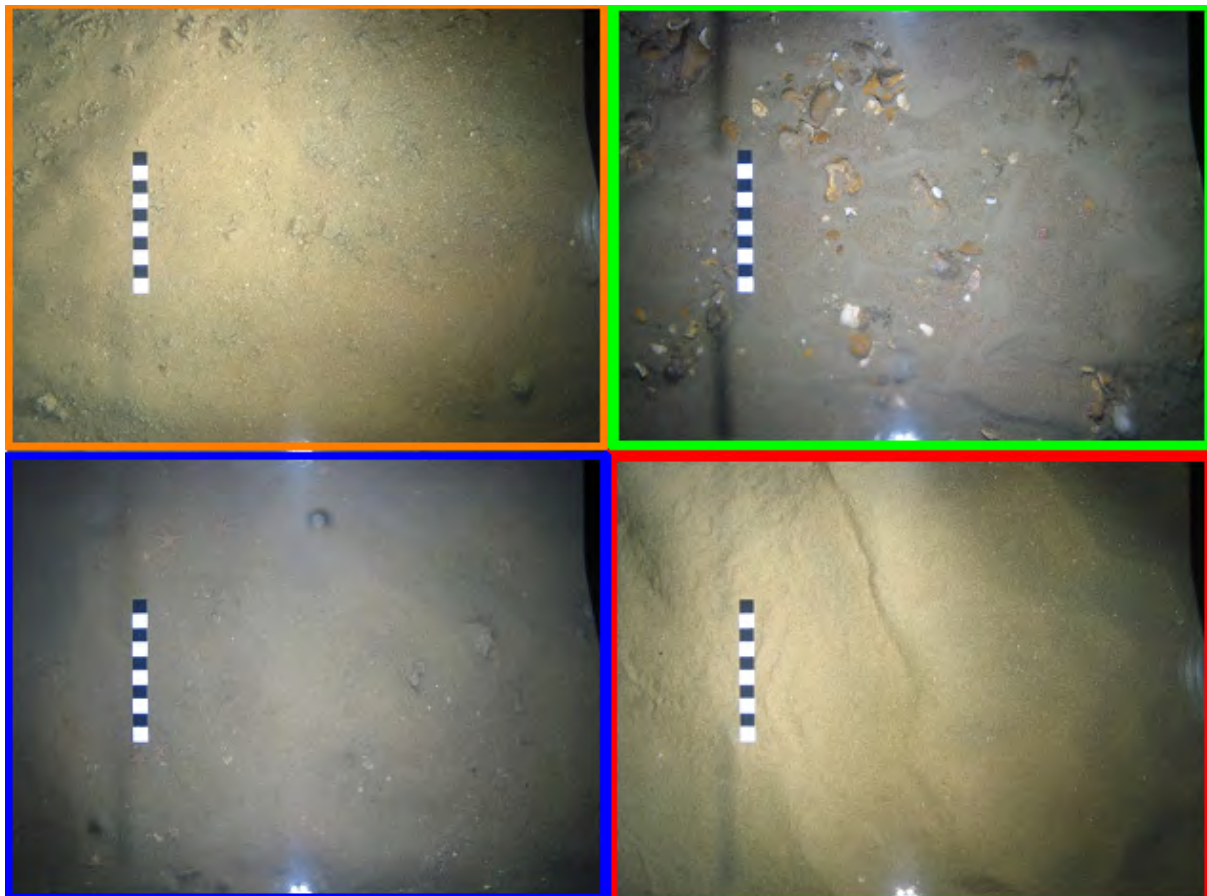
**Sediment Group A** comprised 15 samples and was the second smallest sediment group encountered across the EAOW zone. Table 1 indicates that this sediment group was representative of Muddy Sandy Gravel deposits. Figure 11 reveals that all occurrences of **Sediment Group A** were recorded towards the central and northern reaches of Area B. This group was not found in Area A.

**Sediment Group B** was recorded at ten stations across the area of interest and was the smallest of the sediment groups encountered within the EAOW zone. Table 1 reveals that this group was representative of Gravelly Sand. Figure 11 reveals that **Sediment Group B** was found predominantly towards the south of Area B.

**Sediment Group C** was the group which dominated the area of interest, with a total of 67% (379) samples assigned to this group.

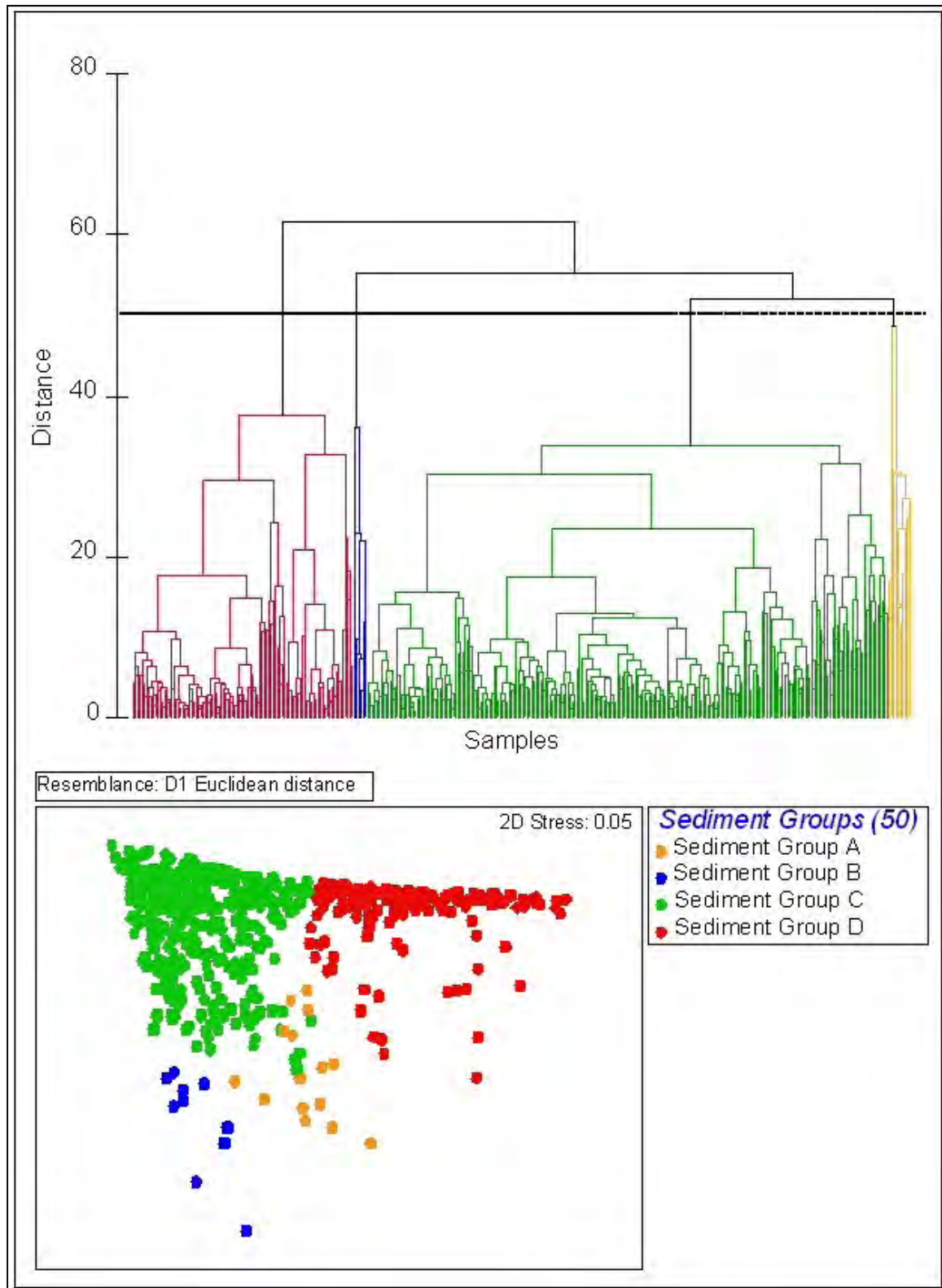
Table 1 reveals that **Sediment Group C** was, like **Sediment Group B**, characterised as Gravelly Sand, however, closer inspection of Table 1 reveals that samples belonging to **Sediment Group C** typically contained greater proportions of mud and lesser proportions of gravel than did their **Sediment Group B** counterparts. Figure 11 reveals that **Sediment Group C** was found across Area B and across the southernmost reaches of Area A.

**Sediment Group D** was the second most frequently encountered sediment group. Table 1 reveals that this group was representative of Slightly Gravelly Sand. Figure 11 reveals that **Sediment Group D** was particularly prevalent within Area A and that this sediment type also occurred across the north-western fringes of Area B in an area which is known to support large sandbanks.



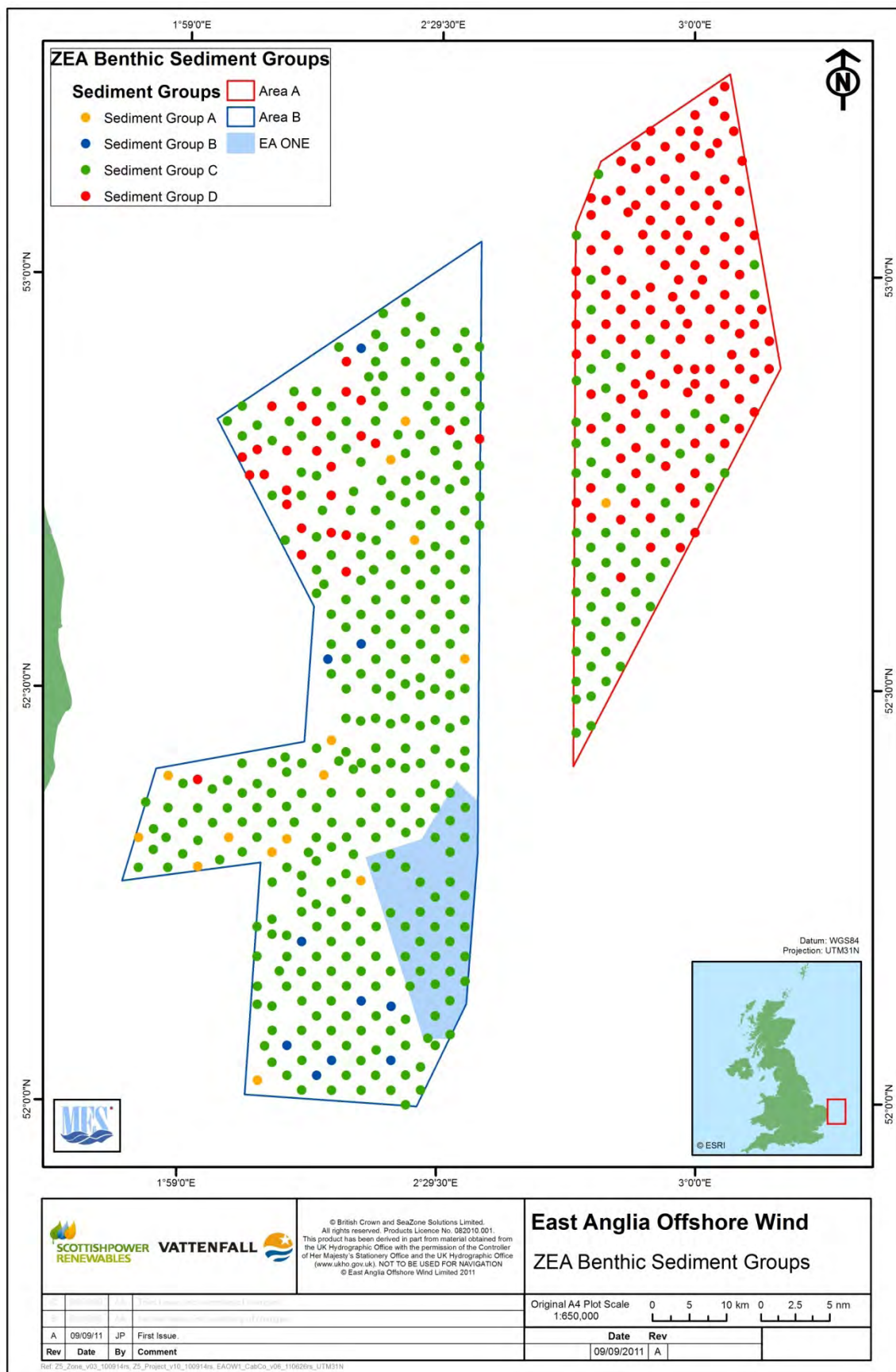
**Plate 8.** Representative example of each of the sediment groups recorded across the EAOW zone. The multivariate sediment groups are denoted by the coloured borders surrounding each image.

© [www.seasurvey.co.uk](http://www.seasurvey.co.uk)



**Figure 10.** A group average sorting dendrogram and corresponding two-dimensional multidimensional scaling ordination for the particle size composition of the sediments of the EAOW zone.





**Figure 11.** Chart section showing the distribution of the sediment identified by multivariate analysis in the EAOW zone.

## C.2. Nature of the Benthic Fauna

### C.2.1 Composition of the Benthos

A total of 428 taxa were recorded during the course of the EAOW zonal survey. The full species list together with the numerical abundance of each taxon at each station is summarised in Appendix Table 9. The total biomass (gAFDW) of the major faunal groups (Mollusca, Crustacea, Annelida, Echinodermata and Miscellaneous) is presented in Appendix Table 10. Images of some of the fauna sampled during the course of the EAOW zonal survey are presented in Plate 9.

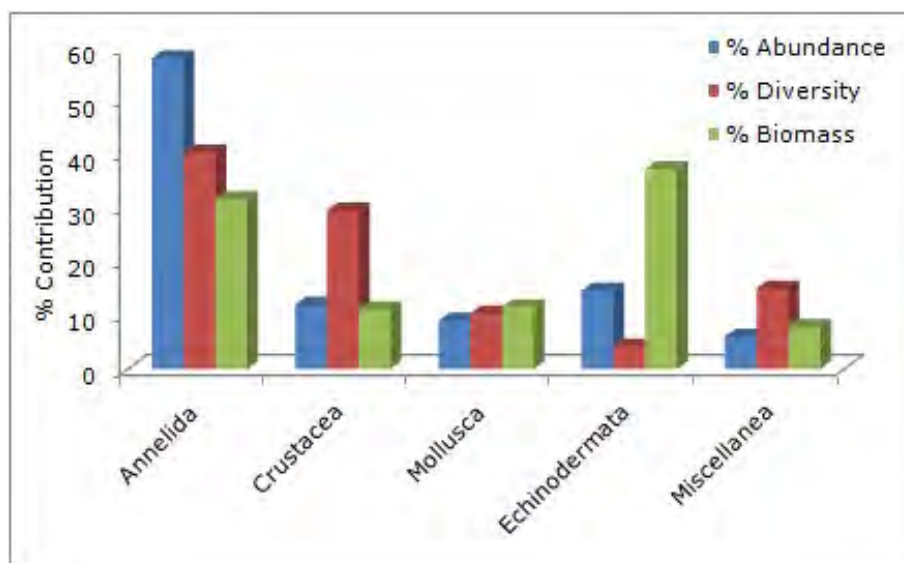
The mean number of organisms per sample during the EAOW survey was 70. The mean number of taxa per sample was 16. The mean biomass per sample was 0.26g as h free dry weight. A summary of the faunal abundance ( $M$ ), diversity ( $S$  – taxonomic richness) and biomass ( $B$ ) found at each station is presented in Appendix Table 11. The numbers presented above reflect the fact that the EAOW zone largely comprises vast expanses of mobile, sandy substrata, which tend to support comparatively low abundances of small taxa drawn from a limited range of species.

The relative contribution made by each of the major faunal groups to the total abundance, taxonomic richness (diversity) and biomass sampled across the area of interest is presented in Figure 12.

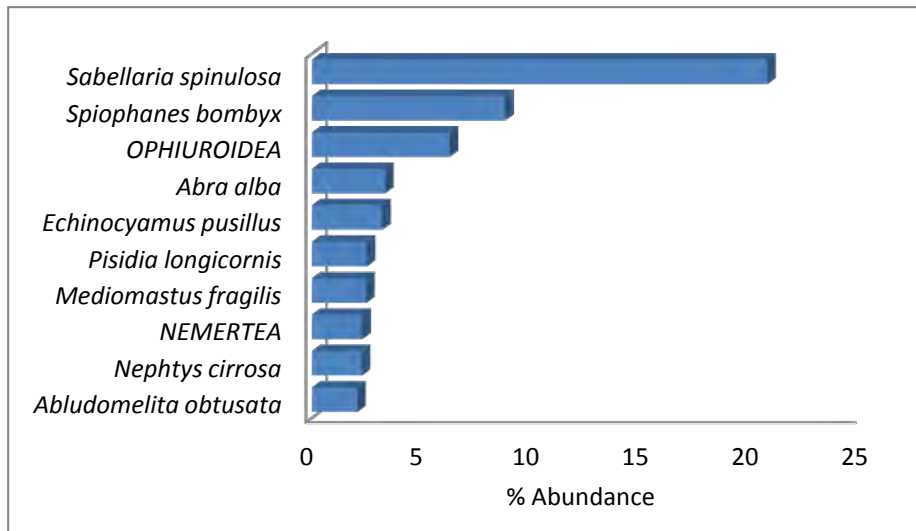
Figure 12 demonstrates that, in terms of abundance, the fauna were dominated by Annelida which accounted for over 58% of all recorded organisms. Echinodermata (15%) made the second greatest contribution to faunal abundance, followed by Crustacea (12%), Mollusca (9%), and Miscellaneous (6%).

Figure 13 illustrates the ten taxa which made the greatest contribution to the total abundance of fauna. The four most abundant taxa were the annelids *Sabellaria spinulosa* and *Spiophanes bombyx*, the echinoderms OPHIURODEA, and the mollusc *Abra alba*. Together, the combined abundance of these four taxa accounted for almost forty percent of the total abundance. A total of 110 taxa were represented by a single individual.

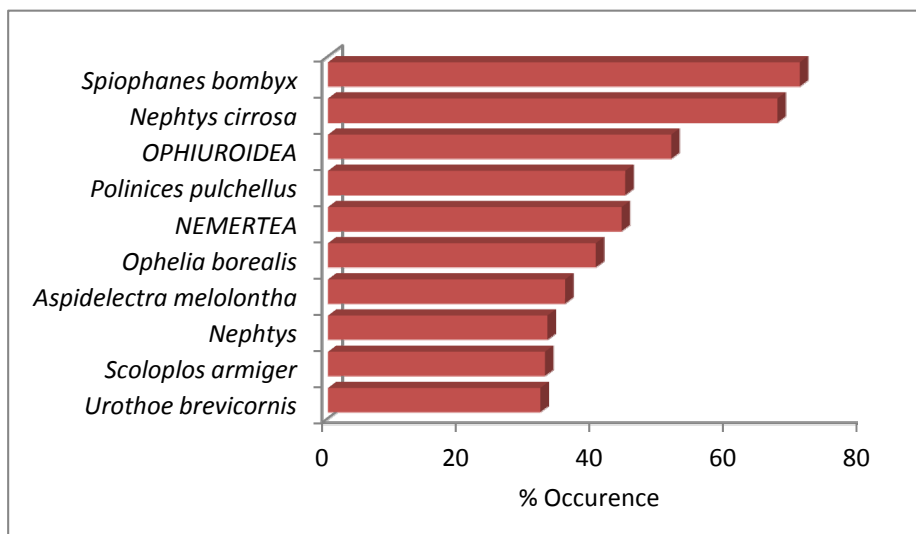
Figure 12 illustrates the relative contributions made by each major faunal group to the total taxonomic richness. Annelida (41%) and Crustacea (30%) made the greatest contributions to the total taxonomic richness of the EAOW zonal dataset. Miscellaneous (15%) and Mollusca (10%) made the next greatest contributions to total taxonomic richness, followed by Echinodermata (4%). Despite making the second greatest contribution to total abundance, Echinodermata made the least significant contribution to taxonomic richness because this group was represented by large numbers of comparatively few taxa.



**Figure 12.** A histogram illustrating the relative contributions made by each major faunal group to the total abundance, diversity (taxonomic richness) and biomass sampled from across the EAOW



**Figure 13.** The ten taxa which made the greatest contribution to the total abundance of fauna across the area of interest.



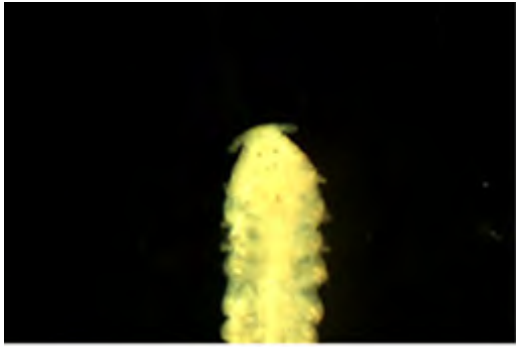
**Figure 14.** The ten taxa which were recorded in the greatest proportion of samples across the area of interest.

Figure 12 also illustrates the relative contributions made by each major faunal group to the total biomass (gAFDW). The biomass of the EAOW zone was dominated by Echinodermata (37%), with a significant contribution made by Annelida (32%). Mollusca (12%) made the next greatest contribution followed by Crustacea (11%) and Miscellaneous (8%).

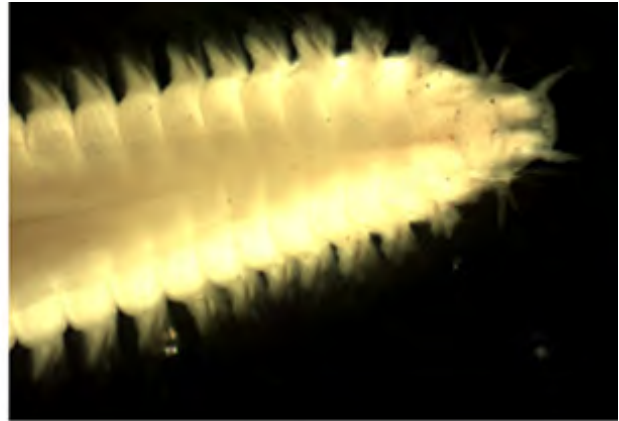
Figure 14 illustrates the ten taxa which were present in the greatest proportion of samples gathered from across the area of interest, hence revealing which taxa were most widely distributed across the EAOW zone.

Figure 14 demonstrates that *Spiophanes bombyx* was present in the greatest proportion of samples (>70% of the survey stations). The annelid *Nephtys cirrosa* and OPHIUROIDEA were also recorded in over 50% of all samples acquired. A total of 72 taxa were only recorded at one station. Over 60% of all recorded taxa were present at 20 stations or fewer, suggesting that, for the most part, the EAOW zone is an area of limited ecological diversity.

Comparisons between Figure 13 and Figure 14 reveal that, despite being highly abundant, taxa such as *Sabellaria spinulosa*, *Abra alba*, *Echinocyamus pusillus* and *Pisidia longicornis* were not widely distributed across the area of interest.



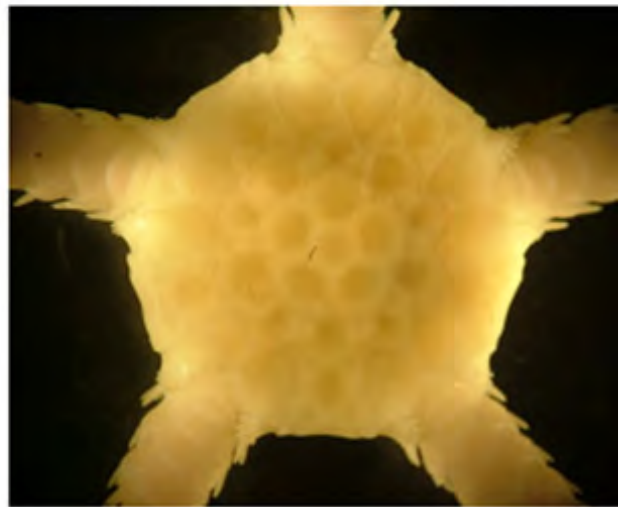
*Spiophanes bombyx*



*Nephtys cirrosa*



*Sabellaria spinulosa*



*Ophiura albida*



*Abra alba*



*Pisidia longicornis*

**Plate 9.** Examples of the fauna sampled from across the EAOW zone. © [www.seasurvey.co.uk](http://www.seasurvey.co.uk)

### **C.2.2 Distribution of Abundance, Taxonomic Richness and Biomass**

Figure 15, Figure 16 and Figure 17 provide insights into the distribution of abundance, taxonomic richness and biomass (gAFDW) across the area of interest.

Following a detailed ecological review of the EAOW acoustic data by MESL a number of potentially ecologically sensitive areas were identified across the EAOW zone and an additional 77 grab stations were allocated to the EAOW sampling array. These stations were added to the sampling array in order to provide EAOW with robust information on the distribution of potential Annex I habitats across the EAOW zone. Note that the data for these additional 77 stations have not been included in the multivariate or univariate statistical analysis of data presented in the previous section so as to not transgress sampling theory boundaries. Data from these stations are, however, included in the following charts to provide a complete characterisation of the EAOW zone.

Figure 15 demonstrates that the overwhelming majority of total survey stations (518) supported comparatively sparse populations of fauna of 210 organisms or fewer. Just 22 stations supported 701 organisms or more. The remaining 103 stations supported between 211 and 700 organisms. The majority of stations which supported comparatively high populations were located towards the north of Area B and within the western protuberance of Area B. The distribution of fauna across Area A appeared to be largely homogenous with comparatively few organisms sampled from the majority of stations.

Figure 16 illustrates the distribution of taxonomic richness across the area of interest. Approximately two thirds of the total stations sampled during the course of the EAOW zonal survey supported 22 taxa or fewer. A total of 107 stations supported between 23-54 taxa and 26 stations supported in excess of 55 taxa.

Figure 16 reveals that the areas which appear to have supported the highest levels of taxonomic richness were located across a number of broad geographical areas within Area B. The western protuberance of Area B comprised a number of stations with comparatively high levels of taxonomic richness, as did the south-western reaches and the north and north-eastern areas of Area B. Areas of high taxonomic richness were also recorded within scattered pockets found across Area A.

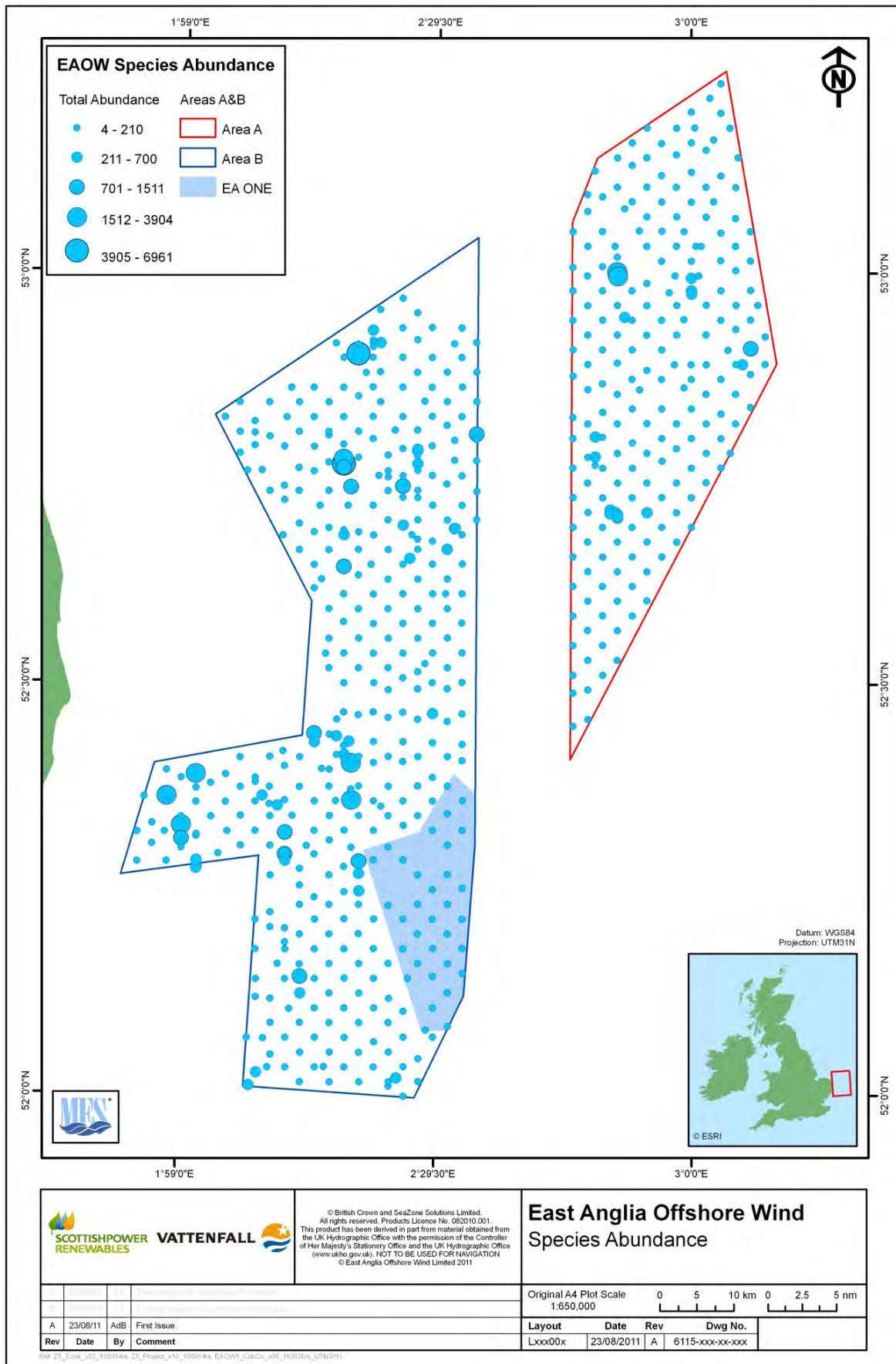
Comparisons between Figure 15 and Figure 16 reveal a weak correlation between abundance and taxonomic richness across the area of interest, with stations which supported comparatively high numbers of taxa often supporting comparatively low abundances of infauna.

An exception to this was found in the protuberance of Area B and the hinge of the protuberance which supported comparatively high levels of both abundance and taxonomic richness.

Figure 17 illustrates the distribution of faunal biomass (gAFDW) across the EAOW zone. A total of 520 stations (including targeted stations) supported levels of biomass which were below the mean for the area (less than 0.40 gAFDW, all stations sampled). Comparatively high levels of biomass were recorded at stations located towards the south-west of Area B, the north-east of Area B and the westward protuberance of Area B. Comparatively high levels of biomass were recorded at a low number of scattered stations within Area A.

Comparisons between Figure 15, Figure 16 and Figure 17 reveal that the pattern of the distribution of biomass across the area of interest broadly reflected the distribution of high taxonomic richness and, to a lesser extent, the distribution of high levels of abundance.

Figures 15-17 demonstrate that EA ONE consistently supported low levels of faunal abundance, taxonomic richness and biomass.



**Figure 15.** The distribution of faunal abundance (number of individuals) across the area of interest.

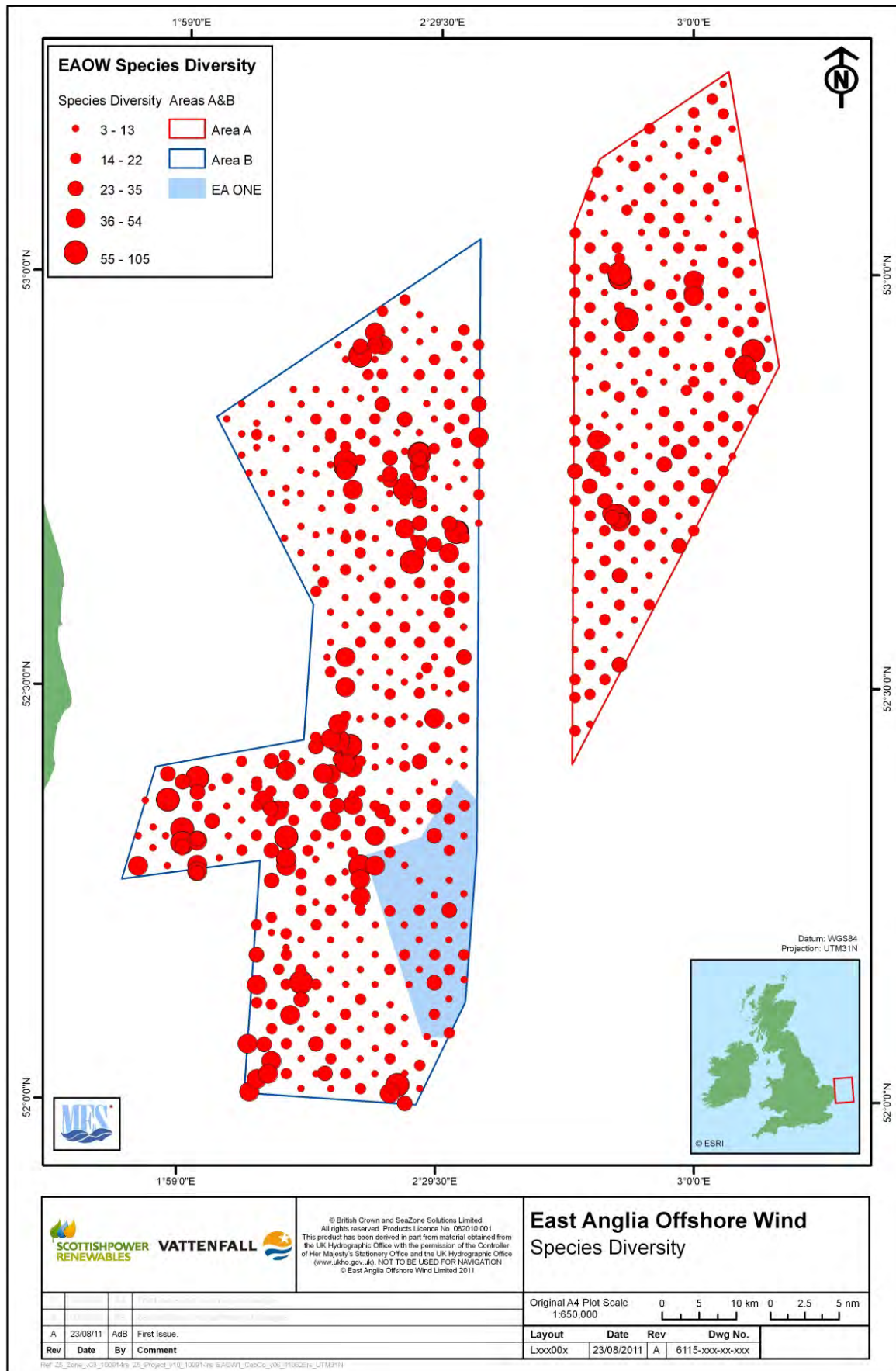
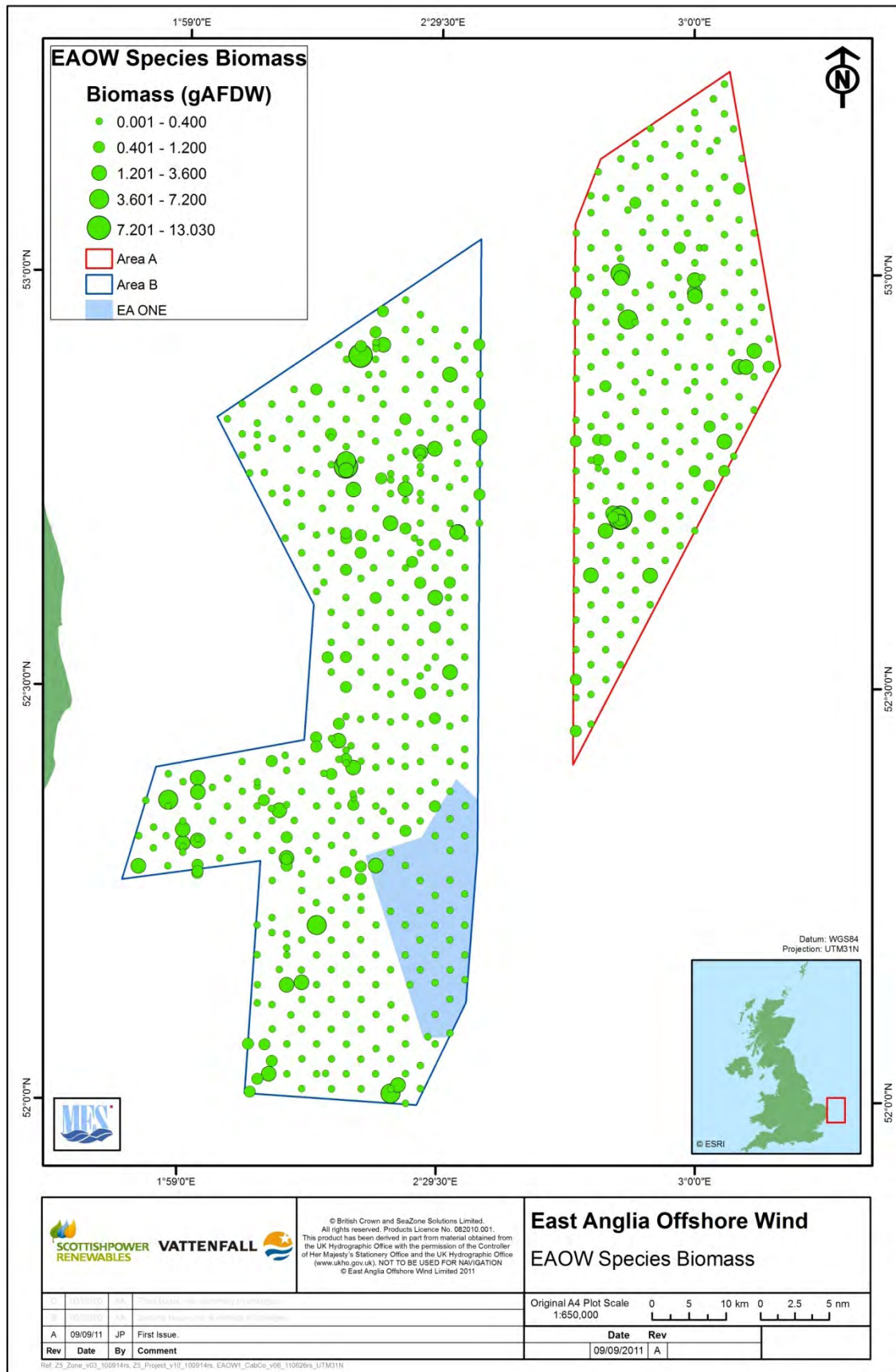


Figure 16. The distribution of diversity (taxonomic richness) across the area of interest.



**Figure 17.** The distribution of biomass (gAFDW) across the area of interest.



### C.2.3 Multivariate Statistical Analysis of Infauna

The univariate analyses presented in Sections C.2.1-C.2.2 provide a useful overview of the fauna found across the EAOW zone. However, in order to gain greater insight into the faunal communities which are found across the area the data were subject to an analysis using the multivariate statistical techniques available in PRIMER v6.

**Note that the data analysed in this section exclude the targeted stations.**

A group average sorting dendrogram (based on Bray-Curtis similarity) and a corresponding multidimensional scaling ordination (in two-dimensional format) are presented in Figure 18. These PRIMER outputs reveal that the fauna of the EAOW zone are divisible into ten distinct faunal assemblages at the 20% similarity level.

The faunal groups have been categorised as **Faunal Group A**, **Faunal Group B**, **Faunal Group C**, **Faunal Group D**, **Faunal Group E**, **Faunal Group F**, **Faunal Group G**, **Faunal Group H**, **Faunal Group I** and **Faunal Group J**.

In addition to the faunal groups listed above a total of four samples failed to group with any other samples and were thus recorded as **Outliers**.

A detailed breakdown of each of the faunal groups identified through multivariate analysis is presented in Appendix Table 12, together with statistical descriptions of the similarities within and dissimilarities between each of the groups. A brief description of the composition of each of the groups is presented below.

**Faunal Group A** – Appendix Table 12 reveals that the average group similarity for this group was 32%. A total of two taxa accounted for over 85% of the of the group similarity. The key characterising taxa of this group were COPEPOD A and *Spio goniocephala*.

Figure 18 reveals that this group occurred infrequently across the EAOW zone, being

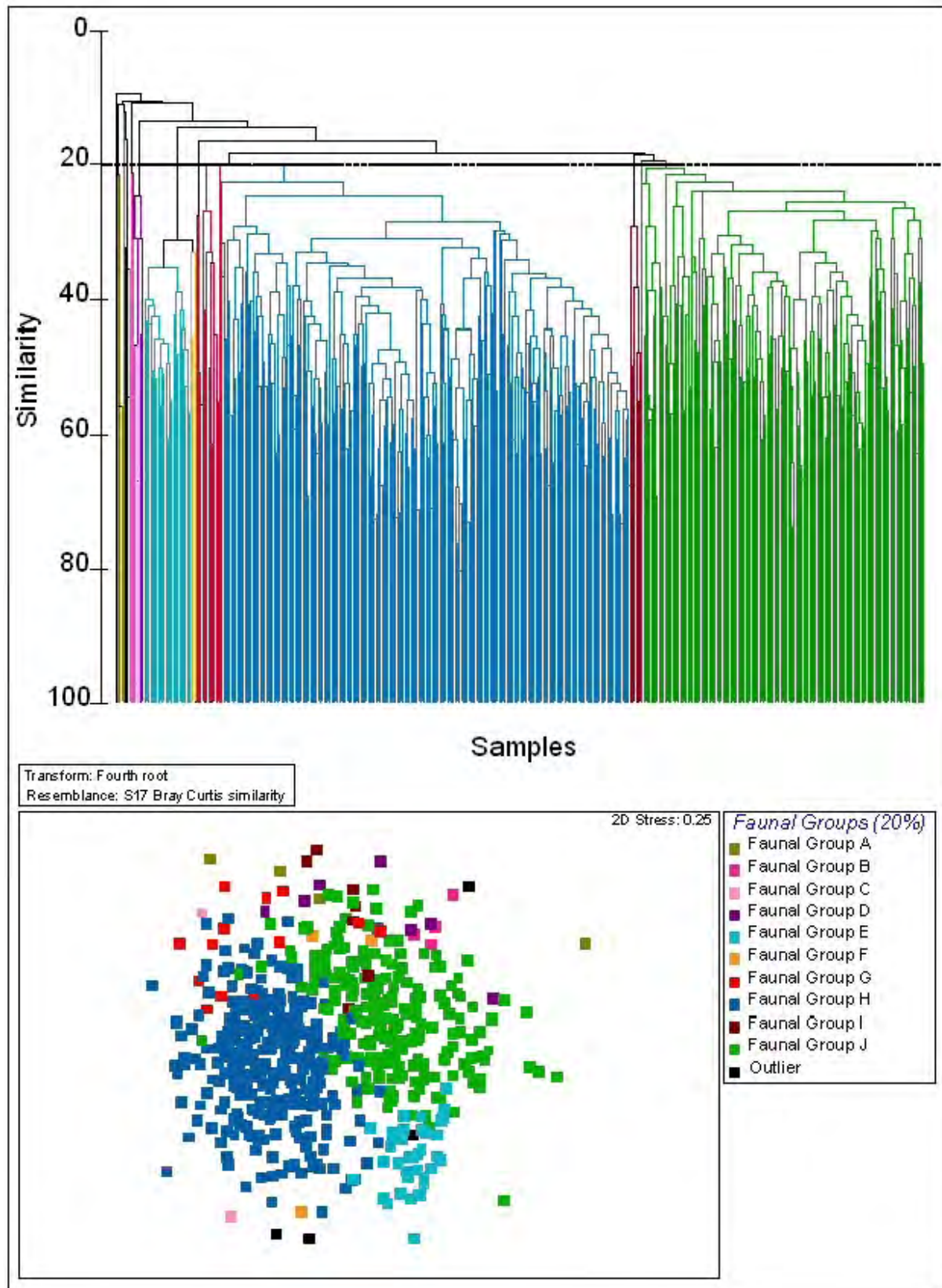
found at just four stations. Figure 19 reveals that Faunal Group A was found predominantly towards the north-western fringes of Area B.

**Faunal Group B** – Appendix Table 12 reveals that the mean group similarity within this group was 37%. Three taxa, *Polycirrus*, *Ophelia borealis* and *Spisula* accounted for over 75% of the group similarity. This group also occurred relatively infrequently across the EAOW zone, and was again present at just four stations. Figure 19 reveals that this group was found only within the protuberance of Area B.

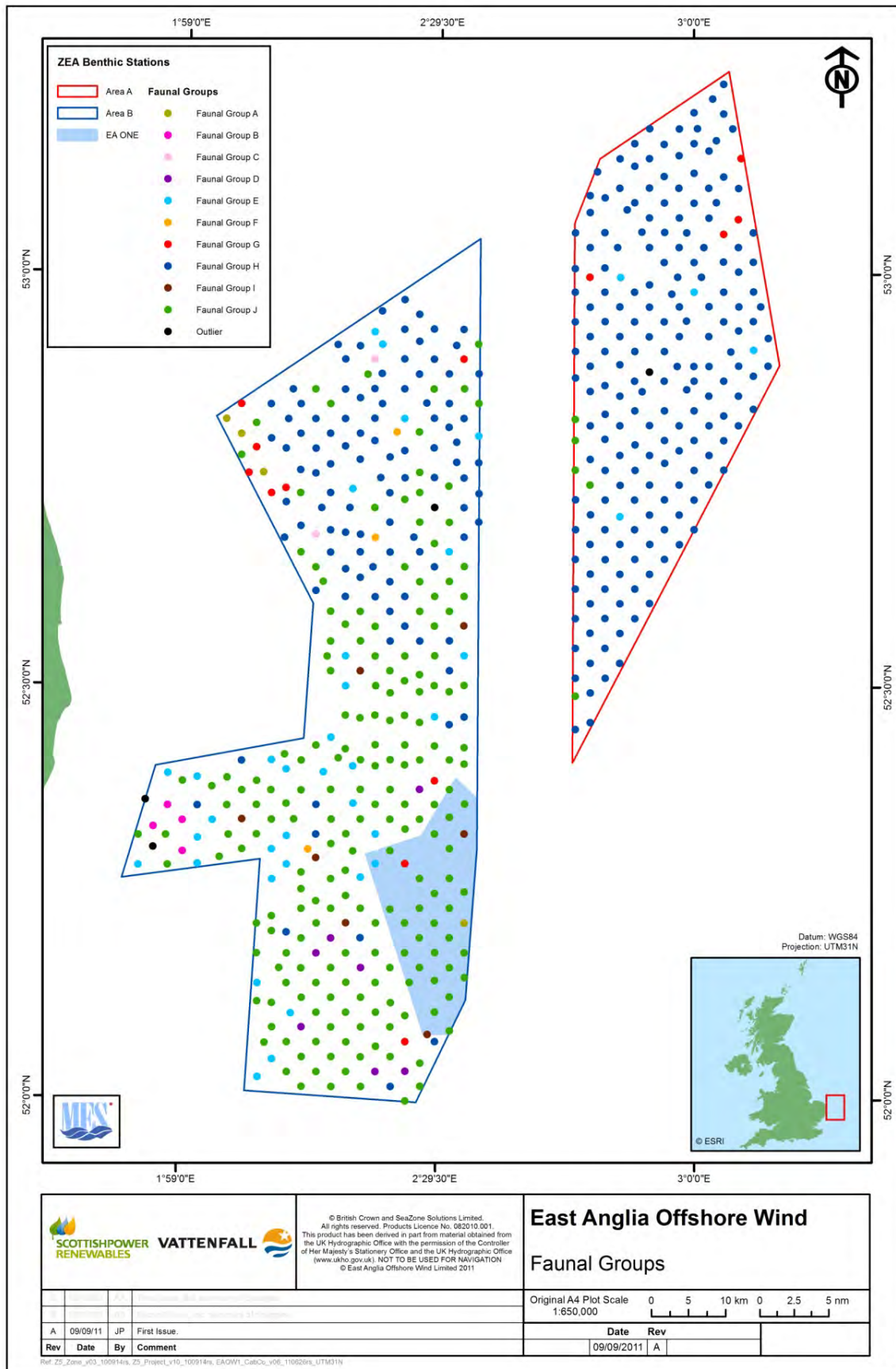
**Faunal Group C** – Appendix Table 12 reveals that the mean group similarity within this group was 21%. Just one taxon, *Scoloplos armiger*, accounted for 100% of the total group similarity. Figure 19 reveals that this faunal group occurred at just two stations, which were located towards the north of Area B.

**Faunal Group D** – Appendix Table 12 reveals that the average similarity within this group was 31%. A total of 4 taxa accounted for over 75% of the total group similarity. The key characterising taxa of this group were *Moerella pygmaea*, *Nephtys cirrosa*, *Spisula elliptica* and *Ophiocten affinis*. This group was present at 7 stations and as Figure 19 illustrates, was confined to the southern reaches of Area B.

**Faunal Group E** – Appendix Table 12 reveals that the average similarity within this group was 38%. This group was comparatively complex, with over 20 taxa accounting for 70% of the total group similarity. OPHIUROIDEA, NEMERTEA and *Spiophanes bombyx* were the key characterising taxa of this group. Figures 18 and 19 show that this group occurred at 37 stations, distributed relatively evenly throughout the EAOW area. This group was the third most commonly encountered throughout the ZEA area.



**Figure 18.** A group average sorting dendrogram and corresponding two dimensional multi-dimensional scaling ordination for the fauna of the EAOW zone. Colonial taxa and data from targeted stations were excluded from this analysis.



**Figure 19.** The distribution of multivariate faunal groups across the area of interest. Colonial taxa and data from targeted stations were excluded from this analysis.

**Faunal Group F** – Appendix Table 12 reveals that the average similarity within this group was 36%. Only two taxa, OPHUROIDEA and *Ophiocten affinis*, accounted for over 75% of the total group similarity. This group occurred at 3 stations and was confined to Area B.

**Faunal Group G** - Appendix Table 12 reveals that the average similarity within this group was 35%. A total of three taxa, *Nephtys cirrosa*, *Nephtys* sp. and *Magelona johnstoni*, contributed to over 80% of the group similarity. Figure 18 reveals that this group occurred at 13 stations. Figure 19 reveals that this group was sparsely distributed across both zones.

**Faunal Group H** - Appendix Table 12 reveals that the average similarity within this group was 30%. *Spiophanes bombyx*, *Nephtys cirrosa*, *Polinices pulchellus* and *Scoloplos armiger* were the main characterising taxa, and 11 taxa accounted for 75% of the total group similarity. This group was the most commonly occurring across the ZEA zone, being present at 287 stations. Figure 19 shows that this group dominated Area A and the northern sector of Area B.

**Faunal Group I** - Appendix Table 12 reveals that the average similarity within this group was 40%. A total of 4 taxa accounted for over 93% of the group similarity, including OPHUROIDEA, *Gastrosaccus spinifer*, *Nephtys cirrosa* and *Spisula elliptica*. This group occurred at seven stations, which Figure 19 reveals are confined to the mid and southern sections of Area B.

**Faunal Group J** - Appendix Table 12 reveals that the average similarity within this group was 27%. Eleven taxa contributed to over 75% of the group similarity. The key characterising taxa of this group were *Nephtys cirrosa*, *Spiophanes bombyx* and NEMERTEA. Figure 18 reveals that this group was present at 198 stations, and was the second most frequently sampled group. Figure 19 shows that these stations were mostly situated across the southern section of the Area B, with occasional occurrences to the north of Area B and the western edge of Area A.

#### **C.2.4 Relating the Multivariate Patterns within the Sediment Data to the Multivariate Patterns within the Faunal Data**

A brief review of the information presented in Section C.1.2 and C. 2.3 reveals that a relationship exists between multivariate faunal groups and multivariate sediment groups sampled during the course of the ZEA survey. In order to establish the robustness of this relationship the faunal data were compared with the sediment data using the BIO-ENV and RELATE multivariate statistical routines within PRIMER v6. The full results of these tests are presented in Appendix Table 13.

**Note that the data analysed in this section exclude the targeted stations.**

The RELATE routine provides a means of testing for correlations between two multivariate patterns, which in this case was a test for correlations between the distribution of biological communities and the distribution of sediment types. The full results of this test are presented in Appendix Table 13 which demonstrates that there is a significant relationship ( $Rho = 0.317$ , Significance Level = 0.1%) between the multivariate patterns observed in the sediment data and in the faunal communities.

In order to ascertain which particle sizes correlate most strongly with the patterns observed within the faunal communities the faunal and sediment data were tested using the BIO-ENV routine. The full results of this test are presented in Appendix Table 13. The results of this test reveal that the strongest correlation between the multivariate patterns in the sediment data and the faunal data occurred between gravel of particle sizes 2-8mm, sand (particle size 0.5mm) and silt (<0.063mm). A combination of these sediment sizes together account for approximately 38% of the observed variation in faunal communities. Other factors that could influence the community composition are likely to include current velocity and water depth.



### **C.3.1 The Distribution of Species of Interest**

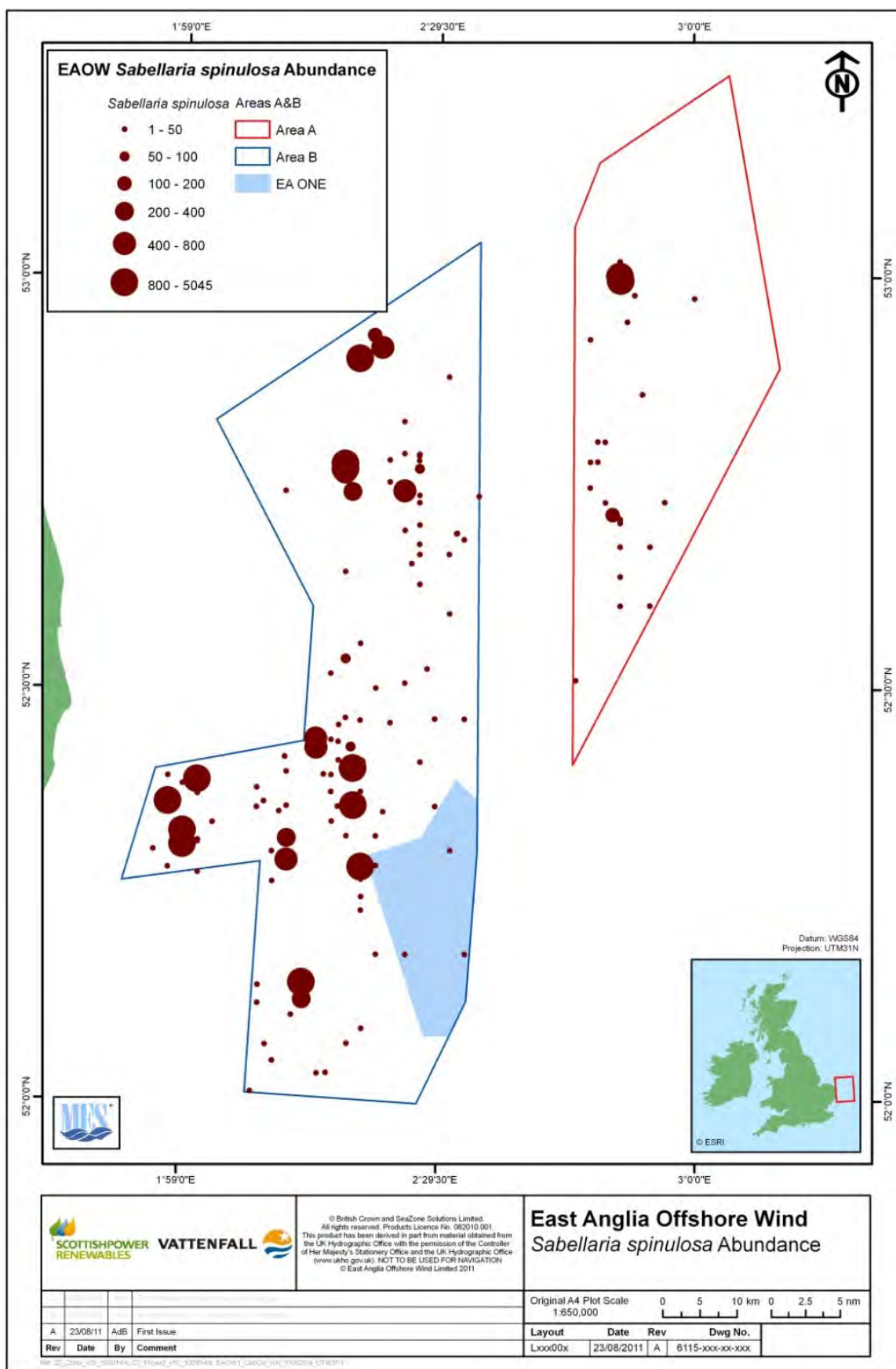
The following Figures (Figures 21-27) represent the distribution of species of interest from all data acquired during the survey of the EAOW zone, including both the original sampling grid and the targeted stations. The taxa included in Figures 21-27 have been selected as a result of the key contributions that they made to the character of the zone, or because of a particular conservation interest.

Figure 21 illustrates the distribution of *Sabellaria spinulosa* across the area of interest. *Sabellaria spinulosa* is a tubicolous polychaete which is capable of constructing biogenic reefs; a habitat protected under the Conservation (Natural Habitats &c.) Regulations (1994). *Sabellaria spinulosa* was found to be the most abundant organism across the EAOW zone.

Figure 21 demonstrates that the abundance of this organism was not uniformly distributed across the EAOW zone. Very high *Sabellaria* abundance was recorded at a number of stations, particularly within Area B, with the highest abundances recorded across the westward protuberance of Area B and towards the north of this zone.

It should be noted that the high *Sabellaria spinulosa* abundance is mostly accounted for by the targeted sampling, thus corroborating the acoustic data analysis based on seabed rugosity.

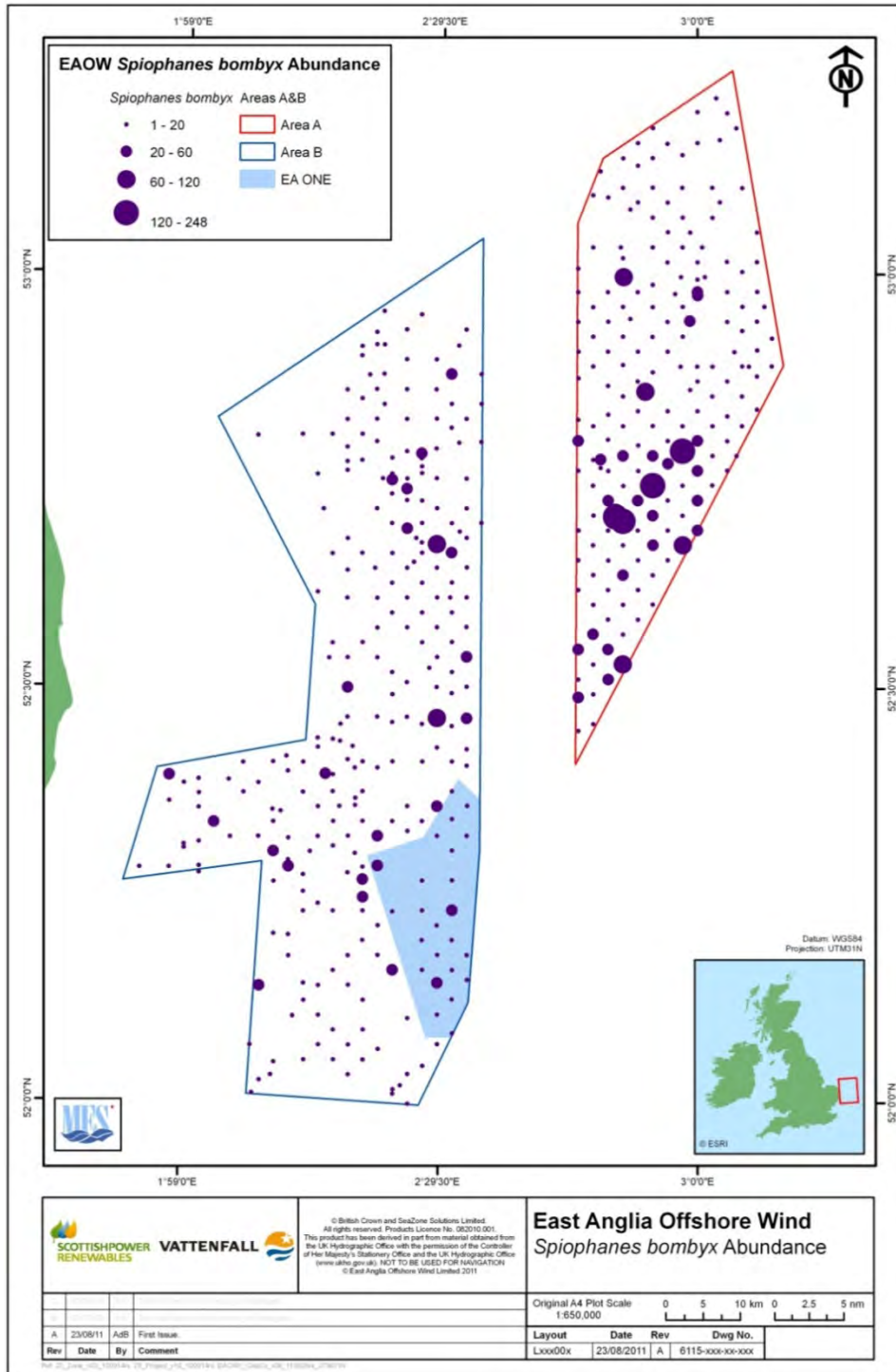
The distribution and classification of *Sabellaria spinulosa* is covered in detail in Section E.



**Figure 21.** The distribution of *Sabellaria spinulosa* abundance from all data acquired during the survey of the EAOW zone, including both the original sampling grid and the targeted stations.

Figure 22 illustrates the distribution of *Spiophanes bombyx* across the EAOW zone. *Spiophanes bombyx* is a small tubeworm which typically occurs on sandy substrata. Figures 13 and 14 reveal that this taxon was one of the most abundant and widely occurring taxa recorded across the EAOW zone.

Figure 22 demonstrates that small populations of this taxon were found at most of the EAOW zonal stations. Larger populations were recorded within isolated pockets across Area B. The densest aggregations of this taxon were recorded towards the south of Area A.

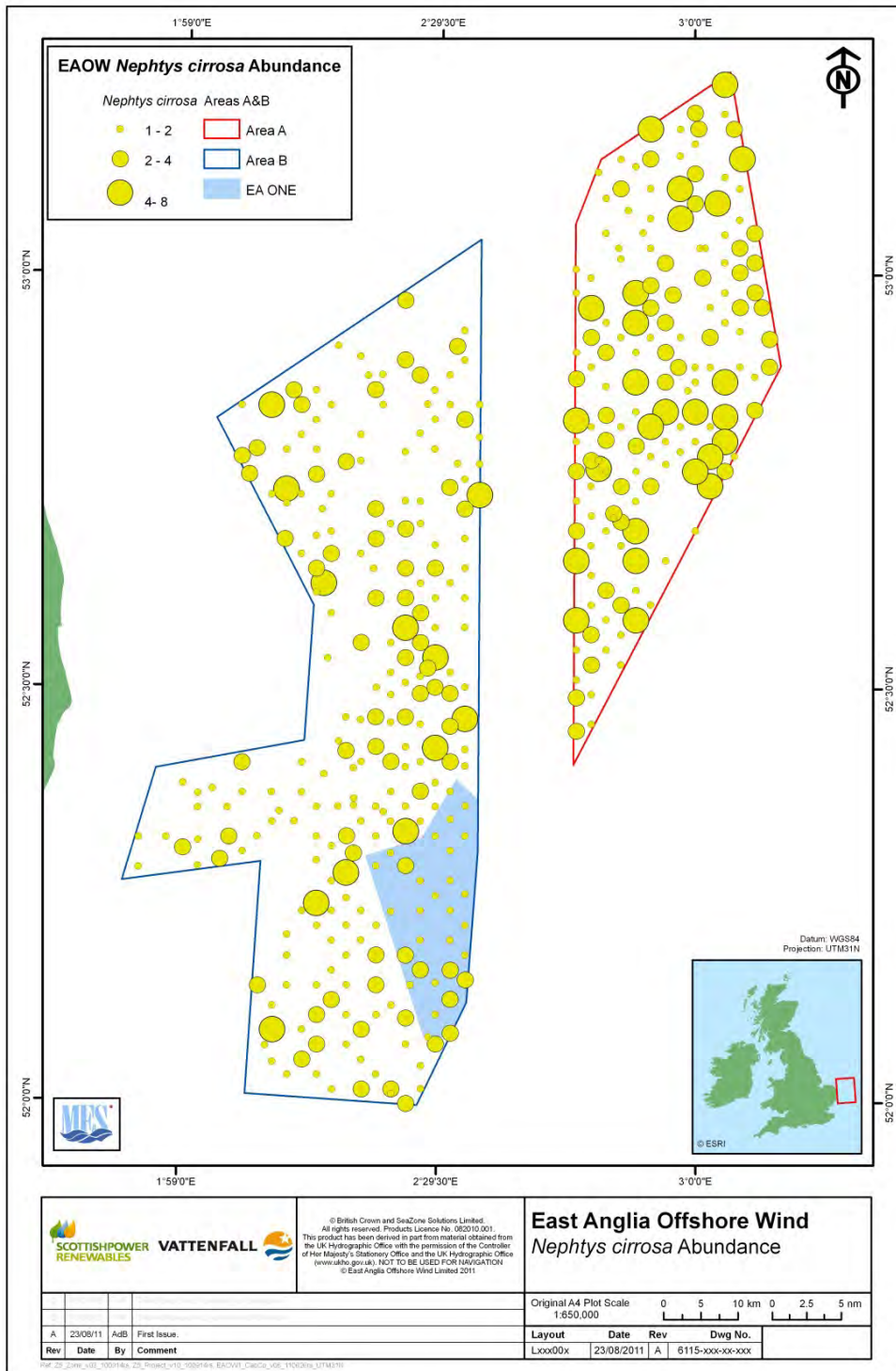


**Figure 22.** The distribution of *Spiophanes bombyx* abundance from all data acquired during the survey of the EAOW zone, including both the original sampling grid and the targeted stations.



Figure 23 illustrates the distribution of *Nephtys cirrosa* across the area of interest. *Nephtys cirrosa* is typically found infaunally in sandy sediments. Figure 14 reveals that this taxon was the second most widely occurring organism sampled from across the area of interest.

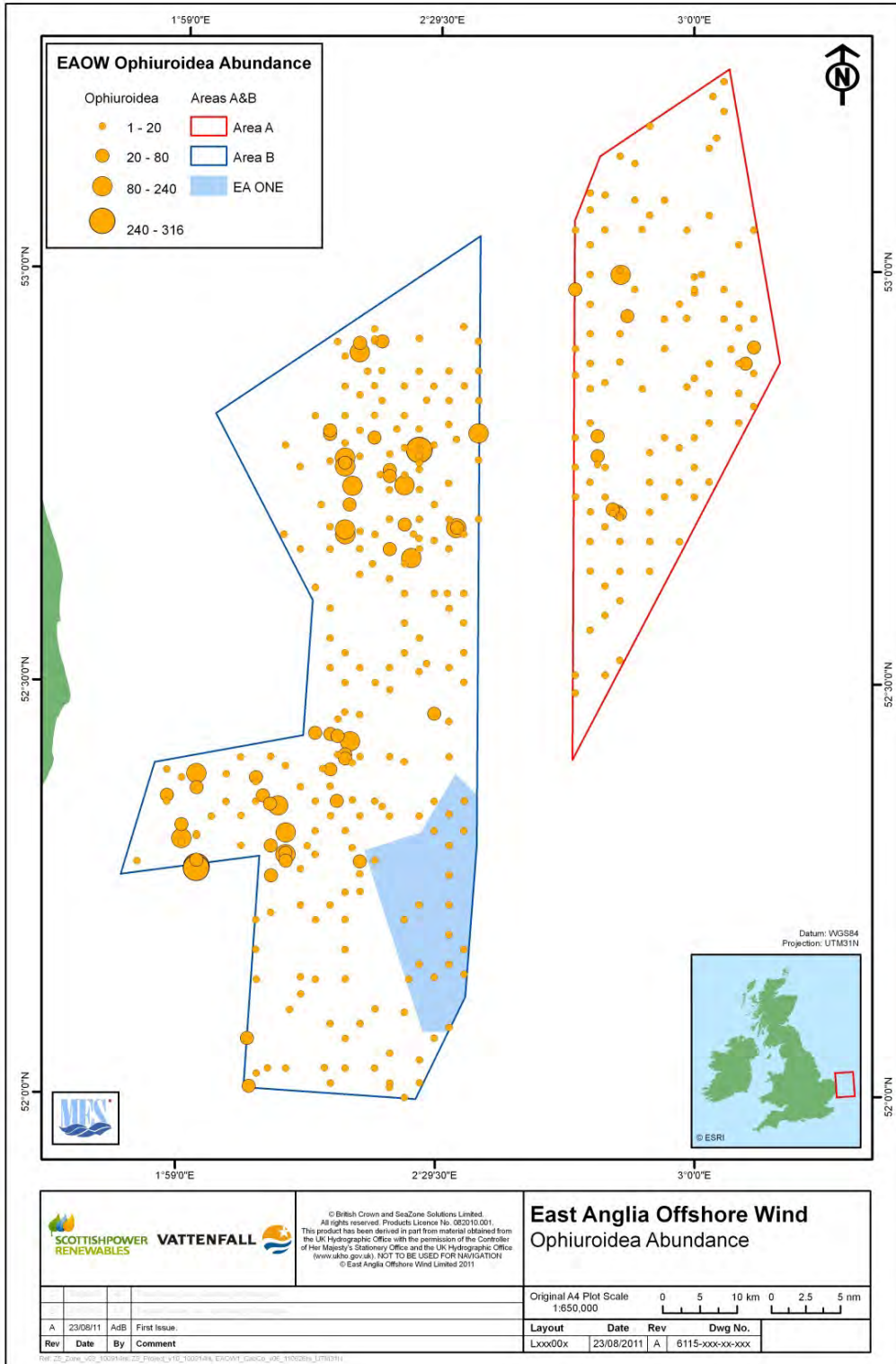
Figure 23 reveals that abundance of this taxon was very variable and that this species was found at the majority of stations. High abundances of this species were recorded across Area A and across the main body of Area B.



**Figure 23.** The distribution of *Nephtys cirrosa* abundance from all data acquired during the survey of the EAOW zone, including both the original sampling grid and the targeted stations.

The taxonomic group OPHIUR OIDEA represents a class of brittlestars. Figures 16 and 14 reveal that OPHIUROIDEA was one of the most abundant and widely distributed taxa sampled across the EAOW zone.

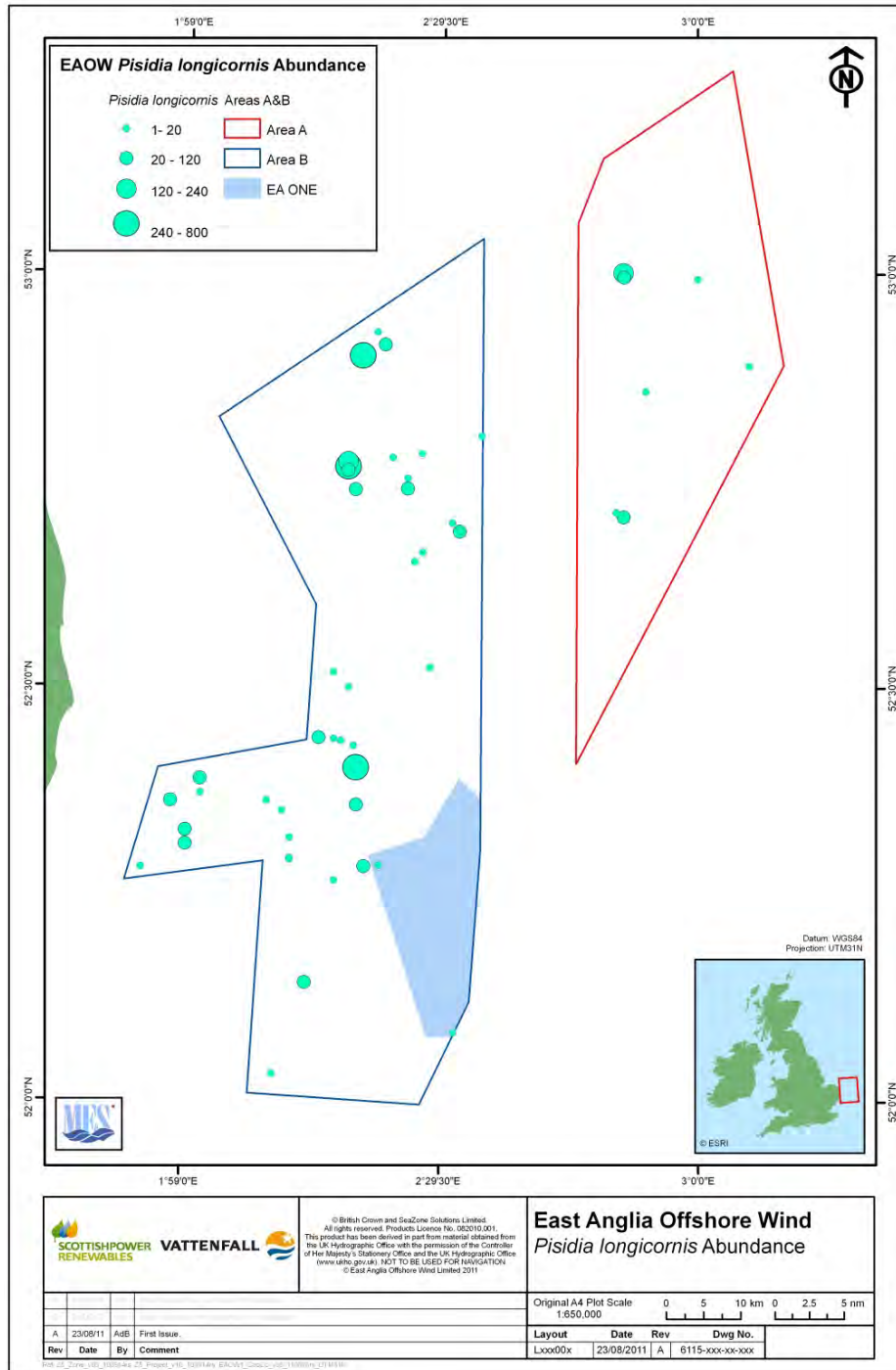
Figure 24 reveals that this taxon was found across all areas of the EAOW zone, with particularly high abundances recorded within the western protuberance of Area B and towards the north of Area B.



**Figure 24.** The distribution of OPHIUROIDEA abundance from all data acquired during the survey of the EAOW zone, including both the original sampling grid and the targeted stations.

*Pisidia longicornis* is a small crab which rarely achieves carapace diameters in excess of 10mm. This species tends to occur across areas of seabed which are bathymetrically complex where niches and crevices within which this organism may conceal itself are available. Figure 14 reveals that this species was amongst the most abundant across the EAOW zone.

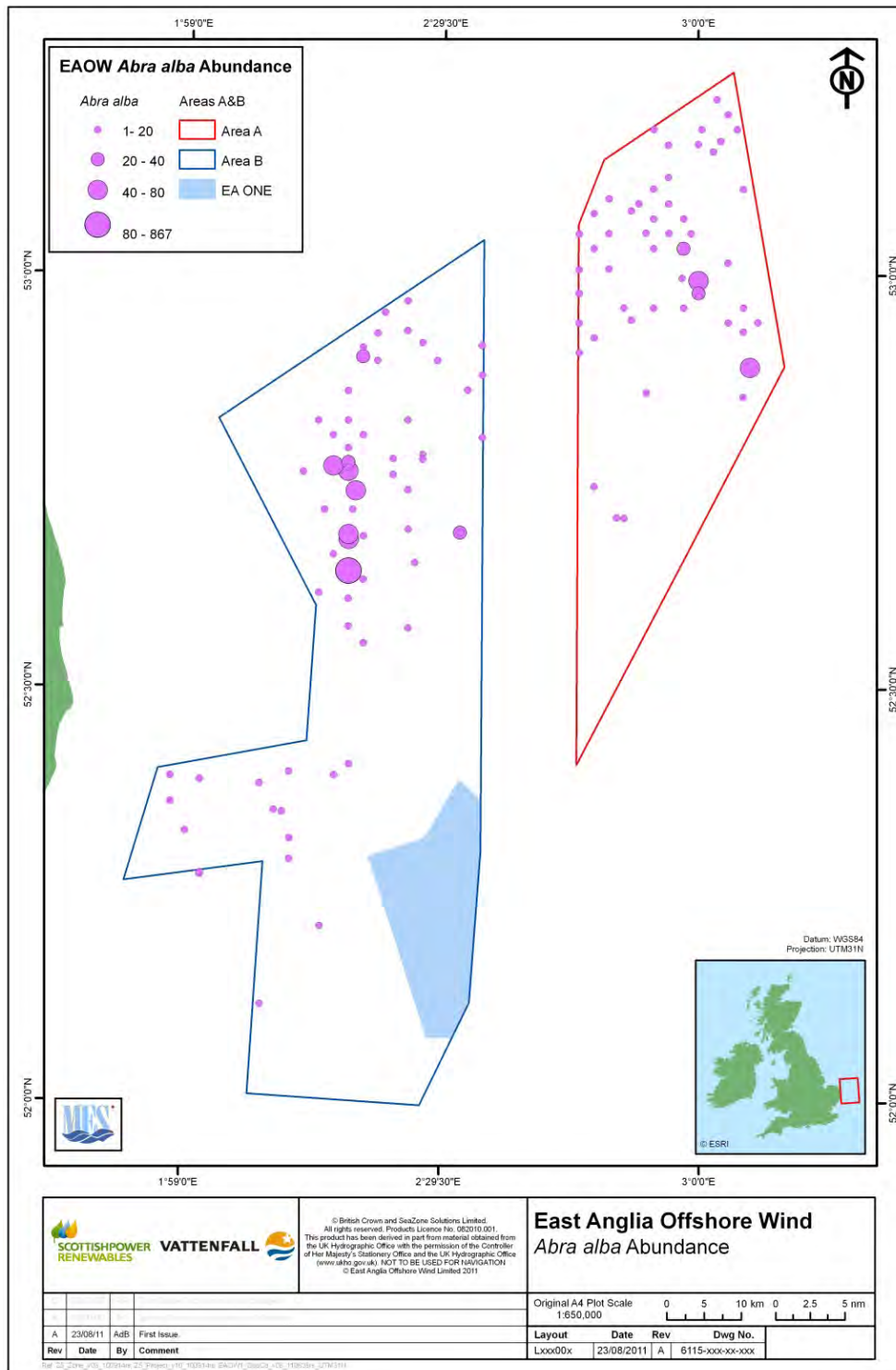
Figure 25 reveals that this taxon was found at comparatively few stations. However, where it was present the populations of this species tended to be large. This species was most frequently recorded within the western protuberance of Area B and to the north and north-east of Area B. Comparatively few occurrences of this species were recorded within Area A.



**Figure 25.** The distribution of *Pisidia longicornis* abundance from all data acquired during the survey of the EAOW zone, including both the original sampling grid and the targeted stations.

*Abra alba* is a small bivalve mollusc which is known to inhabit sandy and muddy sand deposits at depths of up to 70m.

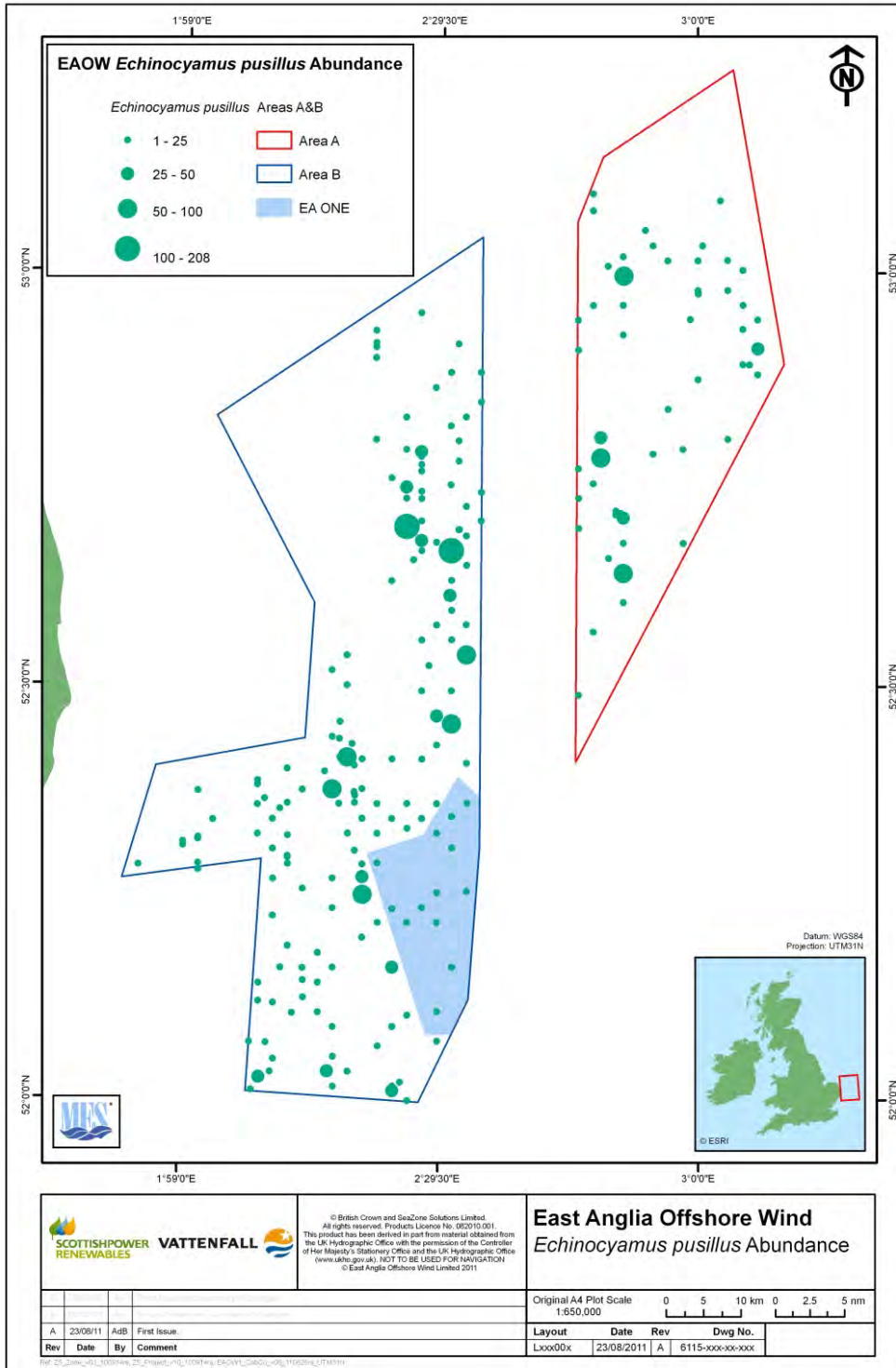
Figure 26 reveals that the distribution of this taxon across the area of interest appeared to be restricted to the northern and western reaches of Area B and the northern reaches of Area A.



**Figure 26.** The distribution of *Abra alba* abundance from all data acquired during the survey of the EAOW zone, including both the original sampling grid and the targeted stations.

*Echinocyamus pusillus* is a pea urchin which is usually found buried within coarse sediments such as sand and gravel.

Figure 27 reveals that this species was widely distributed across the area of interest, but appeared to be absent from the north-western reaches of Area B and the extreme north of Area A.



**Figure 27.** The distribution of *Echinocyamus pusillus* abundance from all data acquired during the survey of the EAOW zone, including both the original sampling grid and the targeted stations.

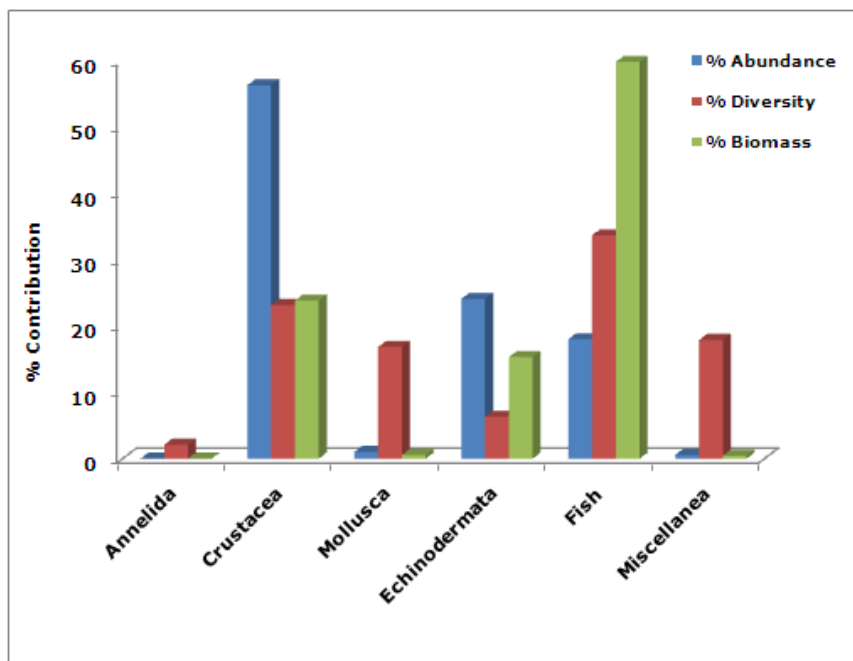
## C.4 Nature of the Epibenthos

### C.4.1 Composition of the Epifauna

A total of 95 distinct taxa were recorded during the course of the EAOW zonal epibenthic survey. The full species matrix is summarised in Appendix Table 14. The total biomass (gWW) of each taxon identified during the survey is presented in Appendix Table 15. Images of some of the fauna sampled during the course of the EAOW zonal epibenthic survey are presented in Plate 10. It should be noted that abundance and biomass figures for *Sabellaria spinulosa* were not recorded during the epibenthic survey, but field notes relating to the occurrence of *Sabellaria* were obtained (Appendix Table 6).

The mean number of organisms recorded per trawl was 956. The mean number of taxa per trawl was 24. The mean biomass per trawl was 3,659g Wet Weight(gWW). A summary of the faunal abundance (*N*), taxonomic richness (*S*) and biomass (*B*) found at each station is presented in Appendix Table 16.

The relative contributions made by each of the major faunal groups to the total abundance, taxonomic richness and biomass sampled across the area of interest is presented in Figure 28.

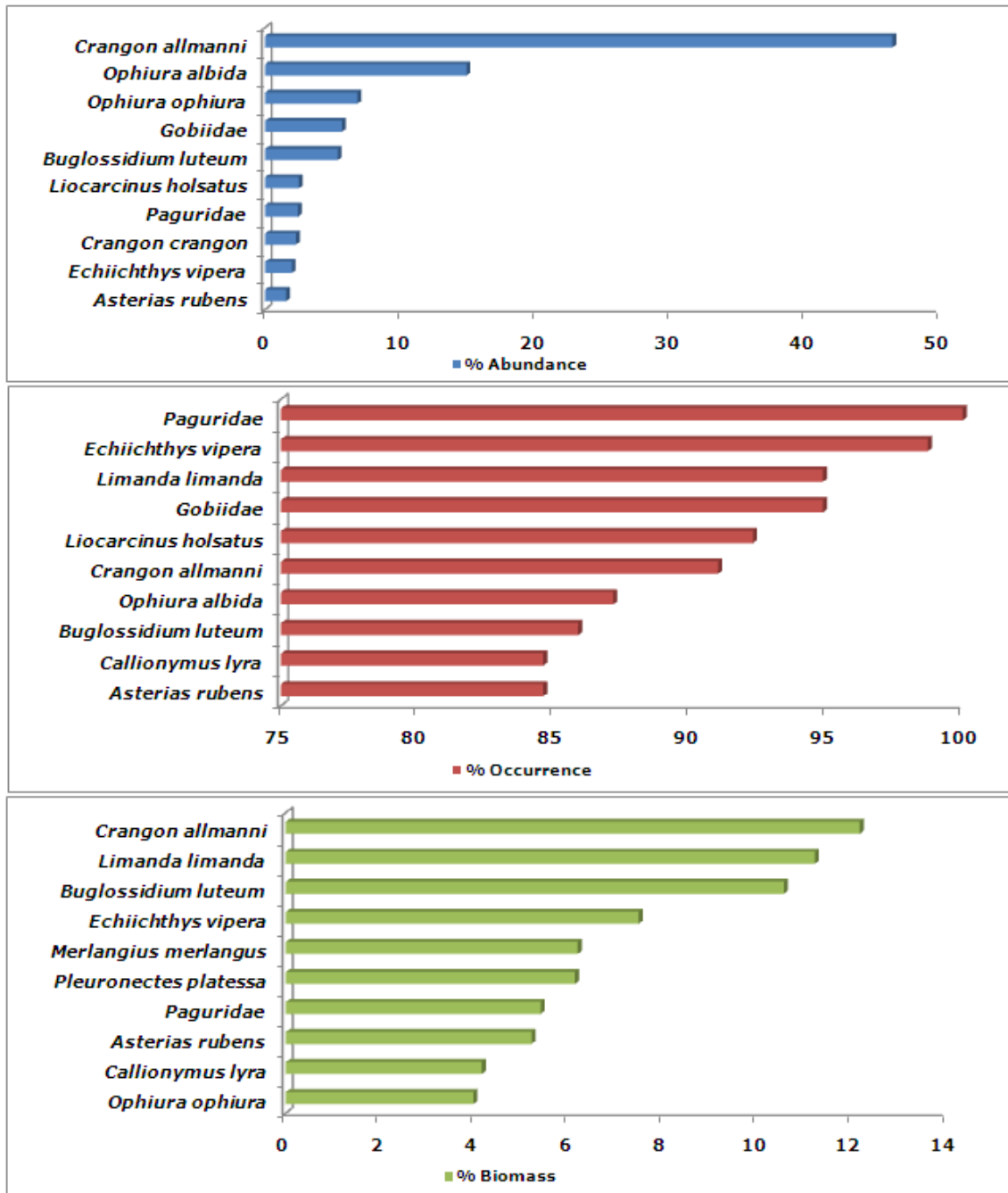


**Figure 28.** A histogram illustrating the relative contributions made by each major faunal group to the total abundance, taxonomic richness and biomass recorded in the EAOW zonal trawls.

Figure 28 demonstrates that epifaunal abundance was dominated by Crustacea, with this major group accounting for over 56% of all recorded organisms. Echinodermata (24%) made the second greatest contribution to faunal abundance, followed by Fish (18%). Mollusca (1%), Miscellaneous (0.5%) and Annelida (<0.01%) made the least significant contributions to the abundance of epifauna across the area of interest.

Figure 29 provides an illustration of the ten taxa making the greatest contribution to the total abundance of epifauna. The five most abundant taxa accounted for over 80% of all organisms sampled from across the area of interest. Figure 29 reveals that the crustacean *Crangon allmanni* was the most abundant organism, accounting for almost 50% of all of the organisms sampled during the course of the survey.

Figure 28 reveals that Fish (34%) made the greatest contribution to the taxonomic richness of the EAOW epifauna, followed by Crustacea (23%). Miscellaneous (18%) and Mollusca (17%) made the next greatest contributions, followed by Echinodermata (6%) and Annelida (2%).



**Figures 29-31** (top to bottom). Graphs showing the top ten most abundant taxa, the top ten most widely distributed taxa and the top ten contributors to total biomass (gWW) from the epibenthic trawl samples across the EAOW zone.

Figure 30 demonstrates that a number of taxa were found at more than half of the EAOW zonal trawl stations.

Figure 28 also illustrates the relative contributions made by each major faunal group to the total biomass (gWW) sampled from across the EAOW zone. Figure 28 reveals that Fish (60%) made the greatest contribution to total biomass.

The next greatest contributions were made by Crustacea (24%) and Echinodermata (15%).

Mollusca (0.55%), Mollusca (0.45%) and Annelida (0.01%) all made comparatively insignificant contributions to the total epifaunal biomass sampled from the EAOW zone.

Figure 31 reveals that *Crangon allmanni* was not only the most abundant organism, but it also made the greatest contribution to total biomass.

#### **C.4.2 Distribution of Epifaunal Abundance, Taxonomic Richness and Biomass**

Figure 32, Figure 33 and Figure 34 provide insight into the distribution of epifaunal abundance, taxonomic richness and biomass (gWW) across the area of interest.

Figure 32 demonstrates that epifaunal abundance per trawl varied between 110 and 15,242 organisms. The majority of trawl stations supported comparatively sparse populations of epifauna of 565 organisms or fewer. The trawl stations which supported the greatest abundances of epifauna were found within the northern sector of Area B. The southern sector of Area B and the majority of Area A supported comparatively low epifaunal populations.

Figure 33 illustrates the distribution of taxonomic richness across the area of interest. Each of the EAOW zonal trawl stations supported between 14 and 43 taxa.

The distribution of taxonomic richness was very variable, with no strong geographical patterns appearing to govern the distribution of this faunal metric. Trawl stations supporting comparatively high levels of taxonomic richness were widely distributed across the EAOW zone.

Comparisons between Figure 32 and Figure 33 demonstrate a weak relationship between stations that supported high levels of abundance and stations that supported high numbers of taxa.

Figure 34 illustrates the distribution of epifaunal biomass (gAFDW). The total epifaunal biomass sampled across the EAOW zone varied between 855 and 17,953 gWW, with the majority of stations supporting biomass values towards the lower end of this range. The highest values of biomass (gWW) per trawl were recorded within the northern sector of Area B.

Comparisons between Figures 31, 32 and 33 demonstrate a correlation between trawls supporting high abundances and the trawls which supported high levels of biomass.

Figures 31-33 demonstrate that EA ONE consistently supported low levels of faunal abundance, taxonomic richness and biomass.



Paguridae



*Asterias rubens*



*Limanda limanda*



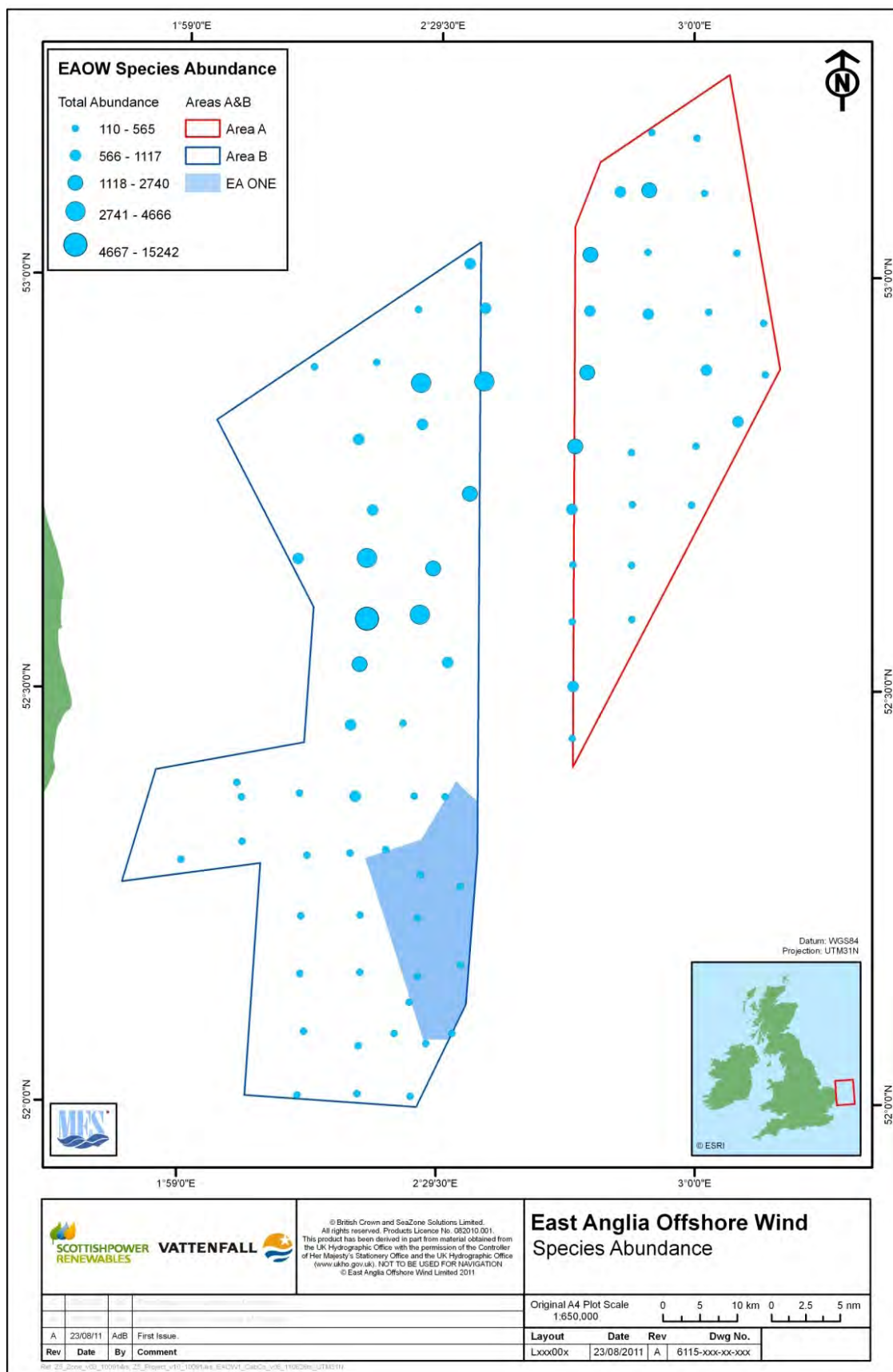
*Callionymus lyra*



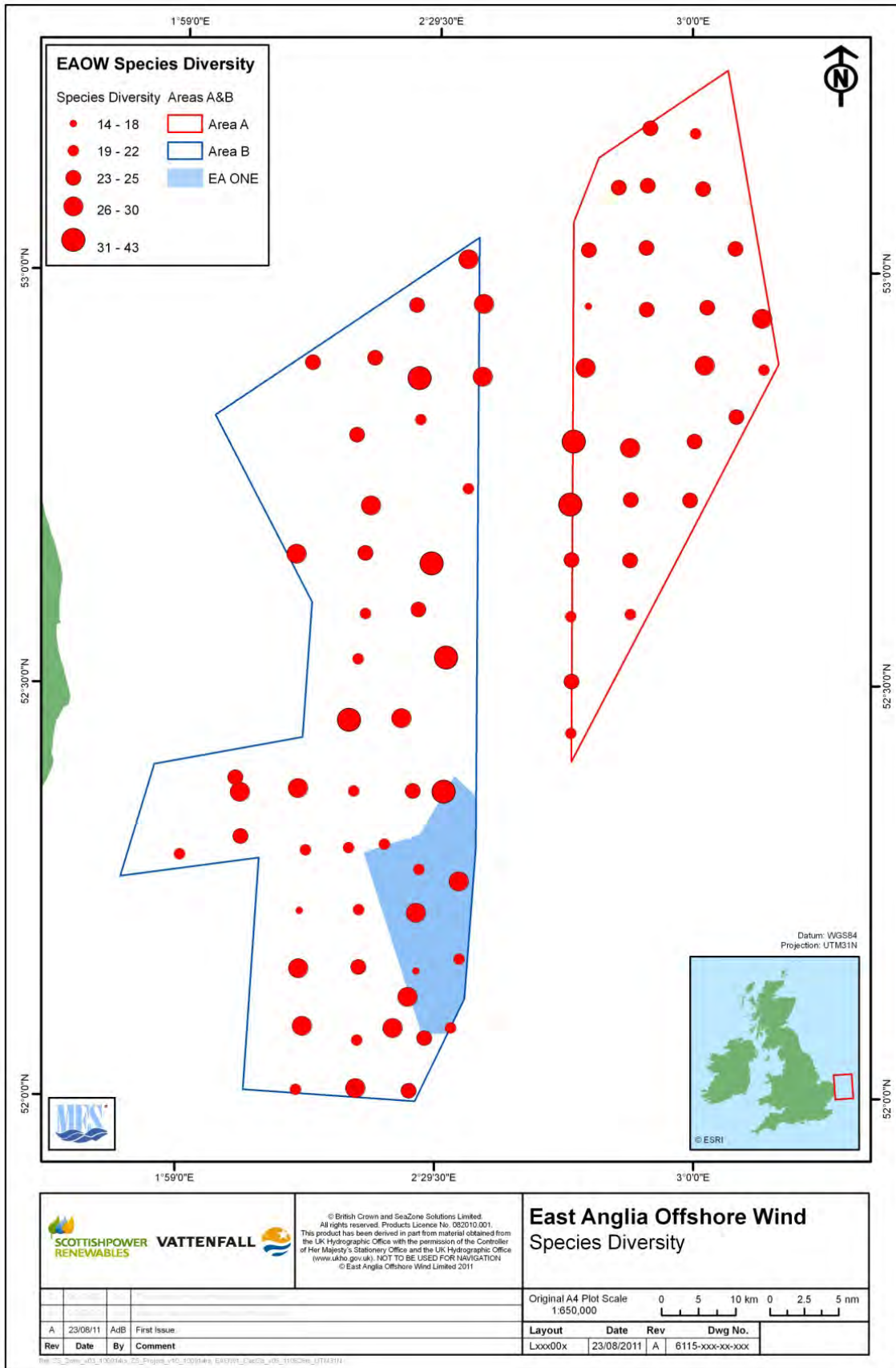
*Crangon allmanni*

**Plate 10.** Examples of the epifauna sampled from across the EAOW zone. © [www.seasurvey.co.uk](http://www.seasurvey.co.uk)

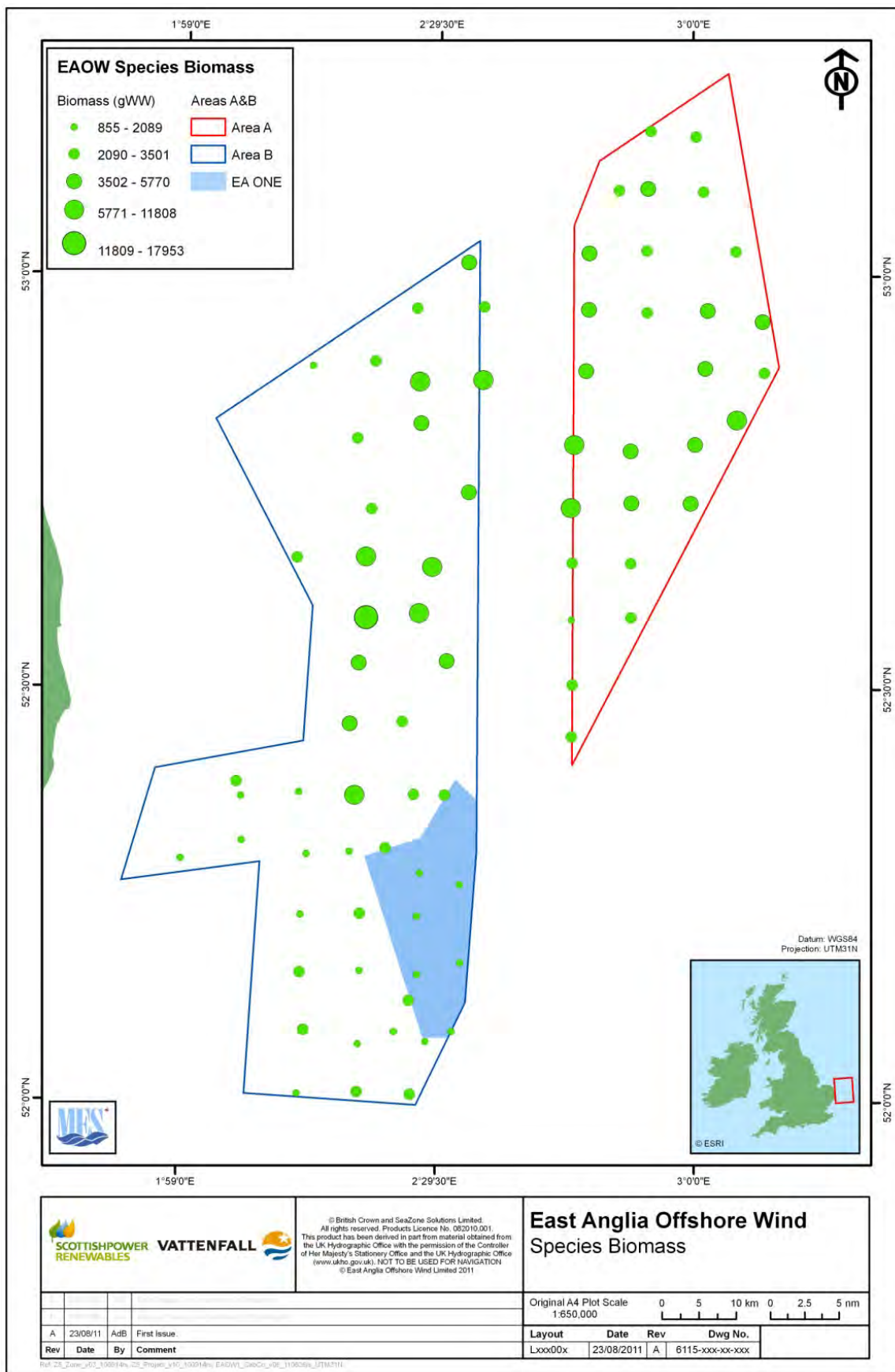




**Figure 32.** The distribution of epifaunal abundance (number of individuals) across the area of interest.



**Figure 33.** The distribution of epifaunal diversity (taxonomic richness) across the area of interest.



**Figure 34.** The distribution of epifaunal biomass (gWW) across the area of interest.

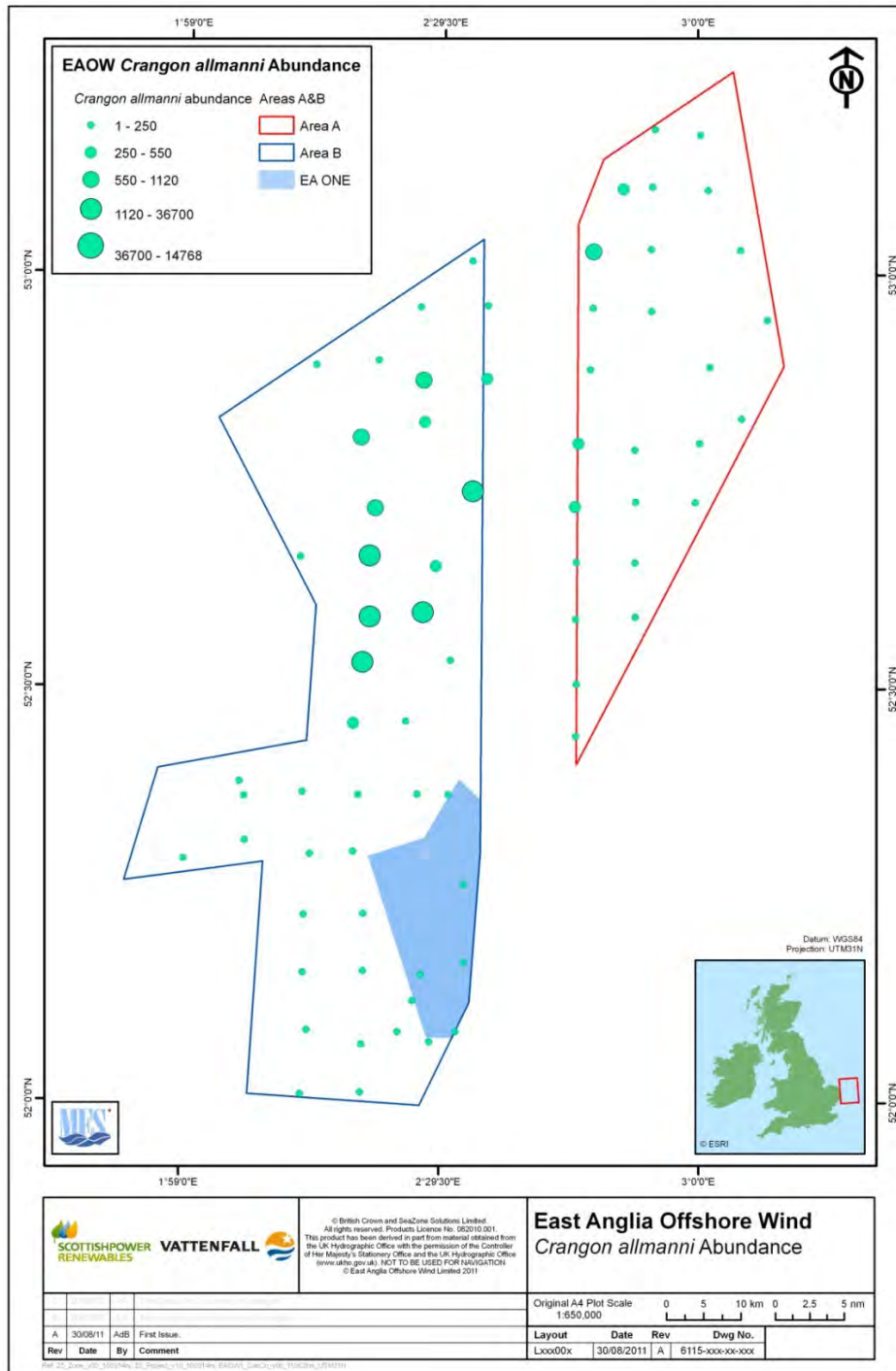
**C.4.3 The Distribution of Epifaunal Species of Interest**

Figures 35-38 illustrate the distribution of key characterising taxa across the area of interest.

Figure 35 illustrates the distribution of *Crangon allmanni* abundance across the survey area.

*Crangon allmanni* is a common shrimp which is typically found across areas of sandy substrate in depths between 20-250m.

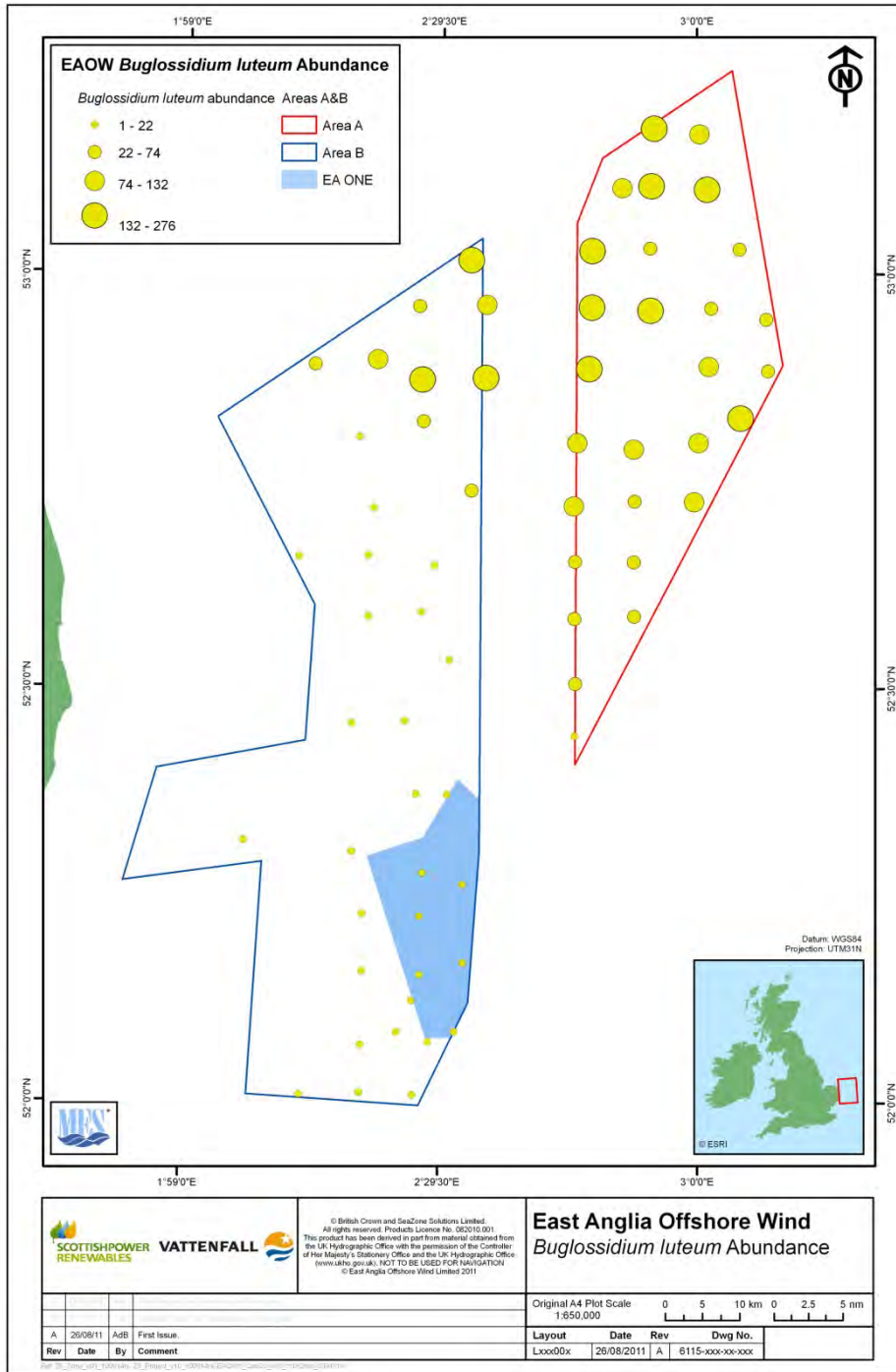
*Crangon allmanni* was the most abundant epifaunal organism sampled from across the EAOW zone. Figure 35 reveals that high abundances of *Crangon allmanni* were recorded across the northern sector of Area B.



**Figure 35.** The distribution of *Crangon allmanni* abundance across the area of interest.

Figure 36 provides insight into the distribution of *Buglossidium luteum* across the EAOW zone. *Buglossidium luteum* is a fish which is commonly found offshore on sandy and muddy bottoms. This species was amongst the most abundant and widely distributed of the taxa sampled during the course of the EAOW zonal surveys.

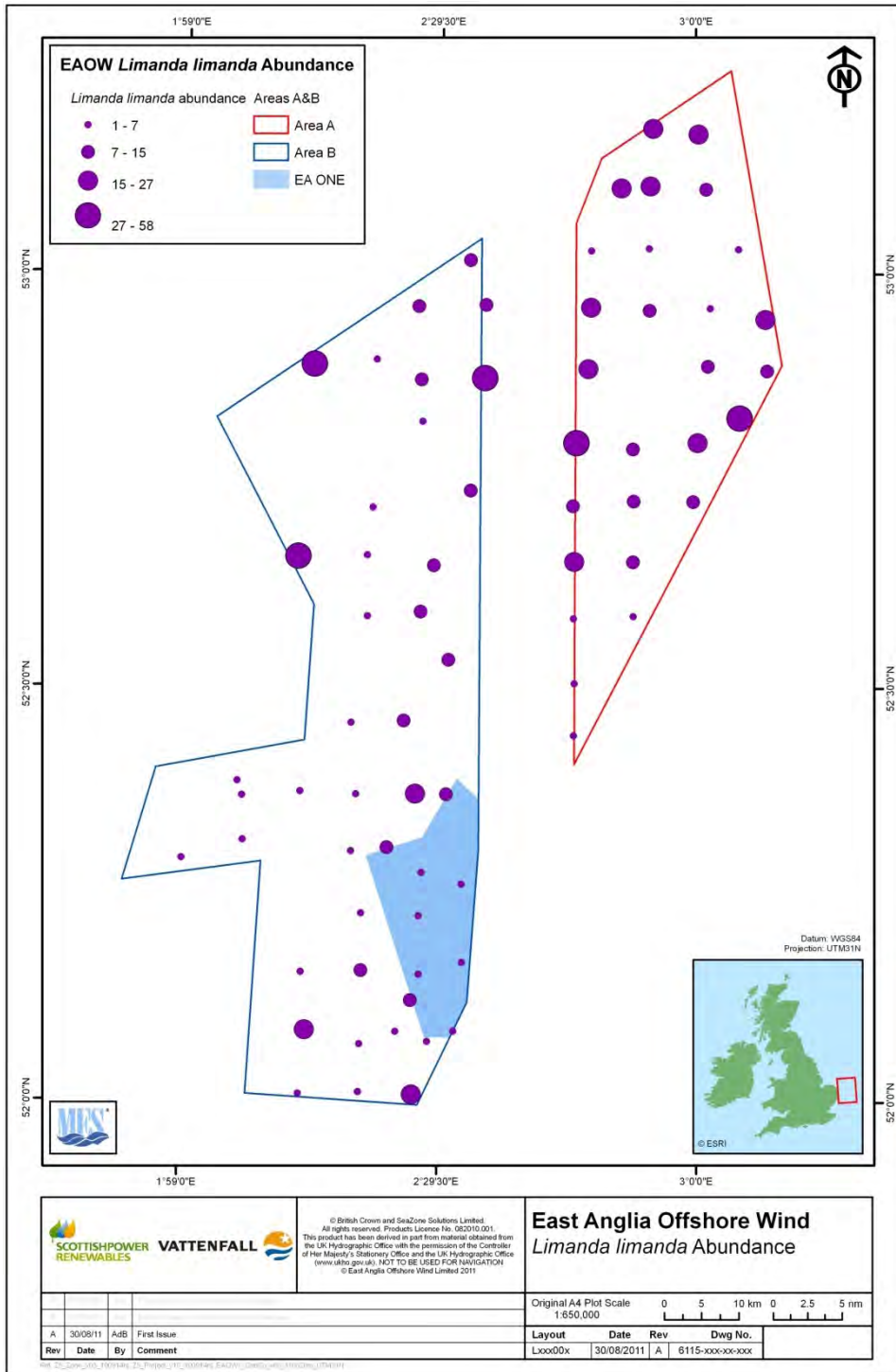
Figure 36 reveals that abundances of this taxon varied between 1 and 276. *Buglossidium luteum* was considerably more abundant within Area A than it was in Area B. Within Area B areas of high *Buglossidium luteum* abundance were limited to the north-eastern fringes of the zone.



**Figure 36.** The distribution of *Buglossidium luteum* abundance across the area of interest.

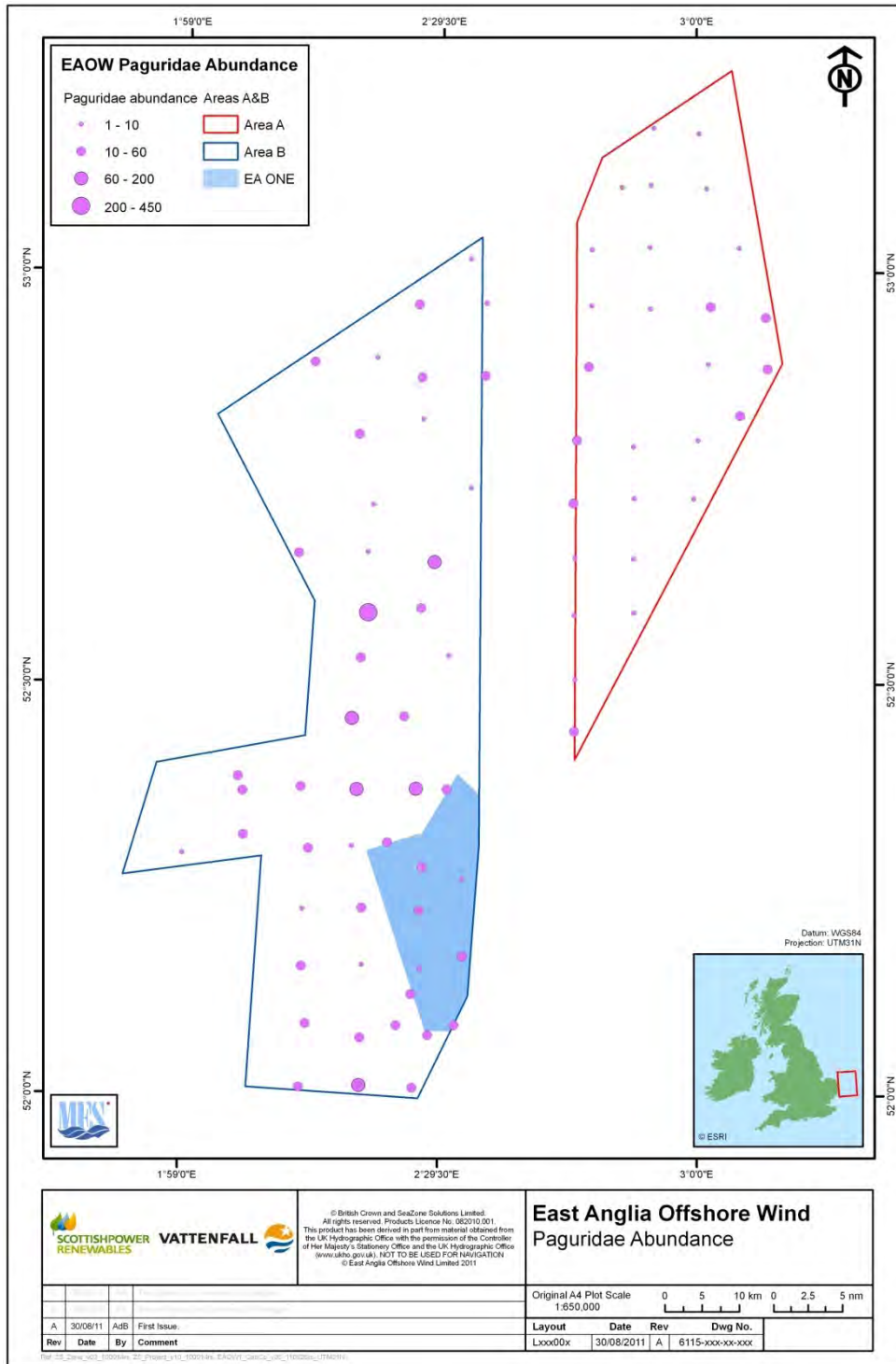
Figure 37 illustrates the distribution of Dab (*Limanda limanda*) abundance across the area of interest. Dab is a flatfish which is widely found across the waters of the British Isles.

This taxon was widely distributed across the EAOW zone and also made a significant contribution to the total biomass of epifauna (gWW). Figure 37 reveals that the abundance of Dab varied across the area of interest from 1-58 individuals. Comparatively high populations of this species appeared to be present within Area A and towards the north of Area B.



**Figure 37.** The distribution of *Limanda limanda* abundance across the area of interest.

Figure 38 shows the distribution of Paguridae across the area of interest. The taxon Paguridae represents a family of hermit crabs such as *Pagurus bernhardus*. Paguridae were present across the EAOW zone with notable abundances recorded across the central and southern sectors of Area B.



**Figure 38.** The distribution of Paguridae abundance across the area of interest.

#### C.4.4 Multivariate Statistical Analysis of Epifauna

The univariate analyses presented in Sections C.4.1-C.4.3 provide a useful overview of the epifauna found across the EAOW zone. However, in order to gain greater insight into the epifaunal communities which are found across the area, the data were subject to analysis using the multivariate statistical techniques available in PRIMER v6.

A group average sorting dendrogram (based on Bray-Curtis similarity) and a corresponding two-dimensional multidimensional scaling ordination are presented in Figure 39. These PRIMER outputs demonstrate that the fauna of the EAOW zone are divisible into four distinct faunal assemblages at the 56% similarity level.

The faunal groups have been categorised as **Faunal Group A**, **Faunal Group B**, **Faunal Group C** and **Faunal Group D**.

In addition to the faunal groups listed above, two samples failed to group with any other samples and were thus recorded as **Outliers**.

A detailed breakdown of each of the faunal groups identified through multivariate analysis is presented in Appendix Table 17, together with statistical descriptions of the similarities within and dissimilarities between each of the groups. A brief description of the composition of each of the groups is presented below.

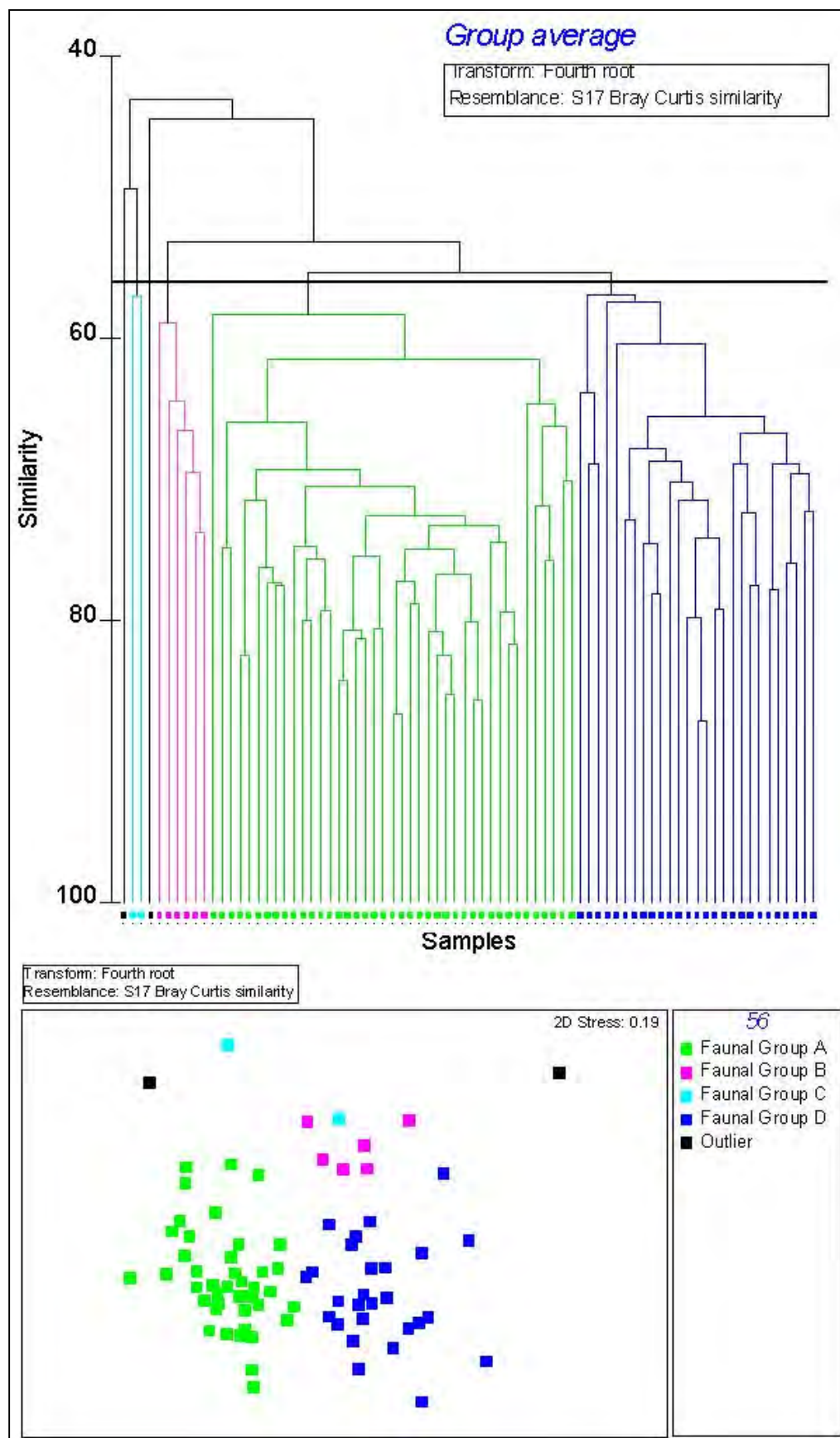
**Faunal Group A** – Appendix Table 17 reveals that the average group similarity for this group was 68%. A total of 12 taxa accounted for over 75% of the of the group similarity. The key characterising taxa of this group were *Buglossidium luteum*, *Ophiura ophiura*, *Ophiura albida*, Gobiidae and *Crangon allmanni*. Figure 39 reveals this epifaunal group to be the dominant group across the area of interest. Figure 40 reveals that **Faunal Group A** was found predominantly across the northern sector of Area B and across all but one of the stations within Area A.

**Faunal Group B** – Appendix Table 17 reveals that the mean group similarity within this group was 64%. A total of 9 taxa accounted for 75% of the total group similarity. Key characterising taxa for this group were *Crangon allmanni*, Gobiidae, Paguridae and *Echiichthys vipera*. Figure 39 reveals that this faunal group occurred at six trawl stations. Figure 40 reveals that this group was found primarily within the westward protuberance of Area B.

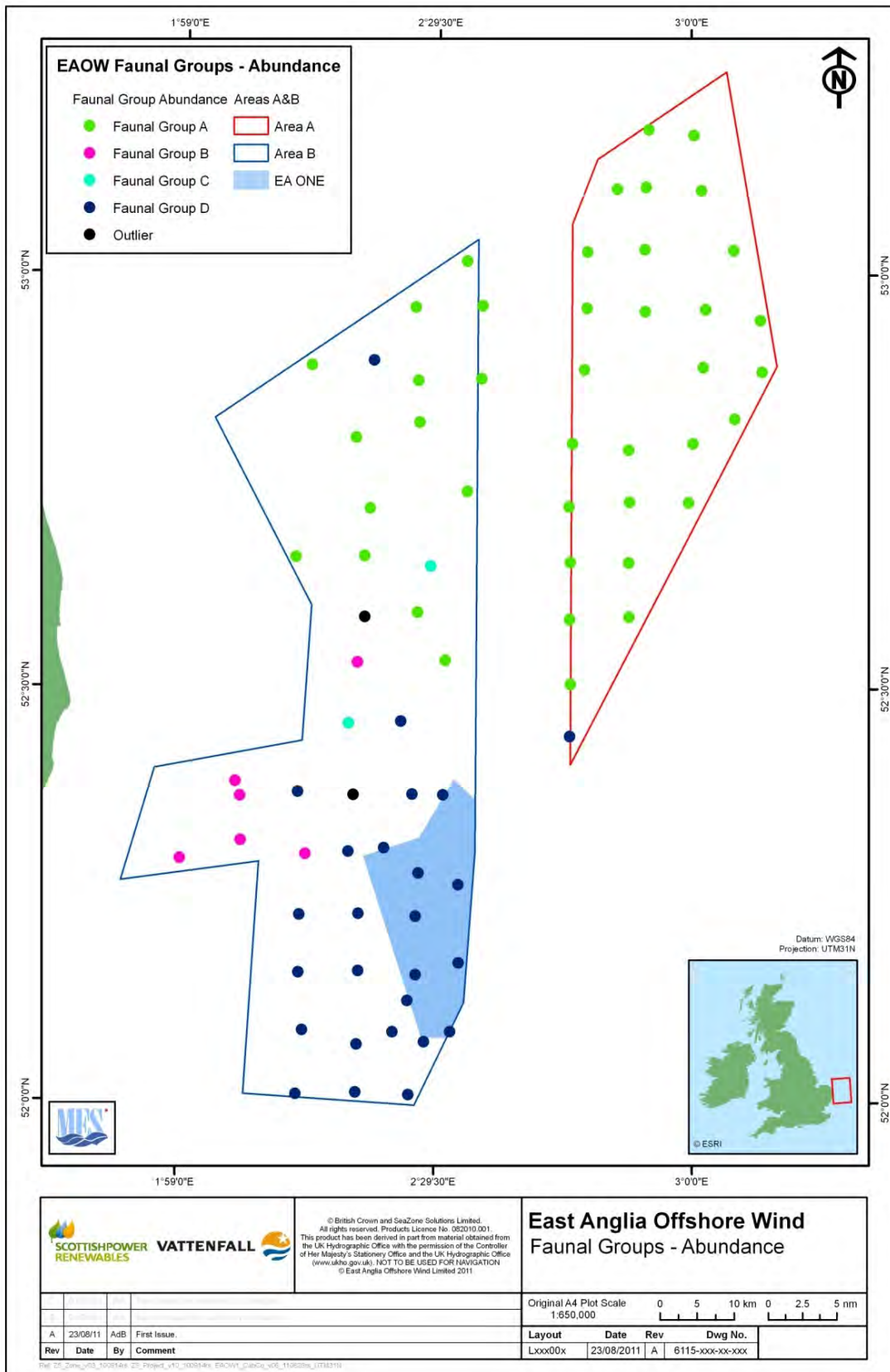
**Faunal Group C** – Appendix Table 17 reveals that the mean group similarity within this group was 57%. A total of 10 taxa contributed to over 75% of the group similarity. The key characterising taxa of this group were *Crangon allmanni*, *Ophiura albida*, Paguridae and *Asterias rubens*. Figure 39 reveals that this group occurred at just two stations. Figure 40 reveals that both occurrences of this group were within the northern sector of Area B.

**Faunal Group D** – Appendix Table 17 reveals that the mean similarity within this group was 64%. A total of 11 taxa contributed to over 75% of the total group similarity. The key characterising taxa of this faunal group were Gobiidae, Paguridae, *Echiichthys vipera*, *Limanda limanda* and *Asterias rubens*. Figure 39 reveals that this group was the second most frequently sampled faunal group. Figure 40 reveals that this group dominated the southern sector of Area B with one instance recorded towards the northern fringes of Area B and one instance recorded towards the southern fringes of Area A.





**Figure 39.** A group average sorting dendrogram and corresponding two dimensional multi-dimensional scaling ordination for the epifauna of the EAOW zone. Colonial taxa were excluded from this analysis.



**Figure 40.** The distribution of multivariate epifaunal groups across the EAOW zone.

## D. HABITAT MAPPING

### D.1 Introduction to Habitat Mapping

In Section C.2.3, the distribution of the benthic faunal groups has been shown for each individual grab sample acquired across the EAOW Zone. In order to provide a full coverage map for each group, it is necessary to relate their occurrence to certain physical characteristics. These relationships may be relatively well established (e.g. association of fauna on particular sediment types) or experimental (e.g. seabed temperature). To date, this approach has been employed for a number of studies at the regional scale (e.g. Humber Regional Environmental Characterisation, Tappin *et al* 2011<sup>5</sup>); and at the national level (e.g. UKSeaMap 2010<sup>6</sup>).

The habitat mapping presented here is provided in three phases:

- The creation of a seabed sediment map
- based on the EAOW survey sediment data
- The creation of a broadscale EUNIS physical habitat map
- The development of a complex habitat suitability model to predict the likelihood of occurrence of each faunal group across the area of interest

### D.1.1 Seabed sediment Folk map

A seabed sediment map has been created based on the classic Folk sediment classification scheme. This has been derived using data from all sediment samples taken in the EAOW survey which were provided as percentage gravel, sand and silt. By creating individual interpolated maps for each of the percentage gravel, sand and silt (ArcGIS Spatial Analyst 9.3; Spline/ tension method), calculations were made to extract the standard Folk sediment categories.

In addition, three of the Folk categories were further divided based on the standard EUNIS habitat classification interpretation of the Folk triangle.

The sediment map shown in Figure 41 reveals that substrata across the EAOW zone can be divided into two sections:

- Sediments to the north and east are dominated by patches of sand interspersed with coarser materials
- Sediments to the south and western sectors are dominated by gravelly sand and mixed sediments

Within the predominantly sandy sectors there is a dominant protrusion of slightly gravelly sand noticeable towards the northern point of Area B. It is also shown that there are less dominant patches of gravelly muddy sand to the west and north of Area A, and throughout the central and eastern parts of Area B.

---

<sup>5</sup> Tappin, D R, Pearce, B, Fitch, S, Dove, D, Gearey, B, Hill, J M, Chambers, C, Bates, R, Pinnion, J, Diaz Doce, D, Green, M, Gallyot, J, Georgiou, L, Brutto, D, Marzialetti, S, Hopla, E, Ramsay, E, and Fielding, H. 2011. The Humber Regional Environmental Characterisation. British Geological Survey Open Report OR/10/54. 357pp.

<sup>6</sup> McBreen, F., Askew, N. & Cameron, A. (2011) UKSeaMap 2010: Predictive mapping of seabed habitats in UK waters. *JNCC Report*, No. 446

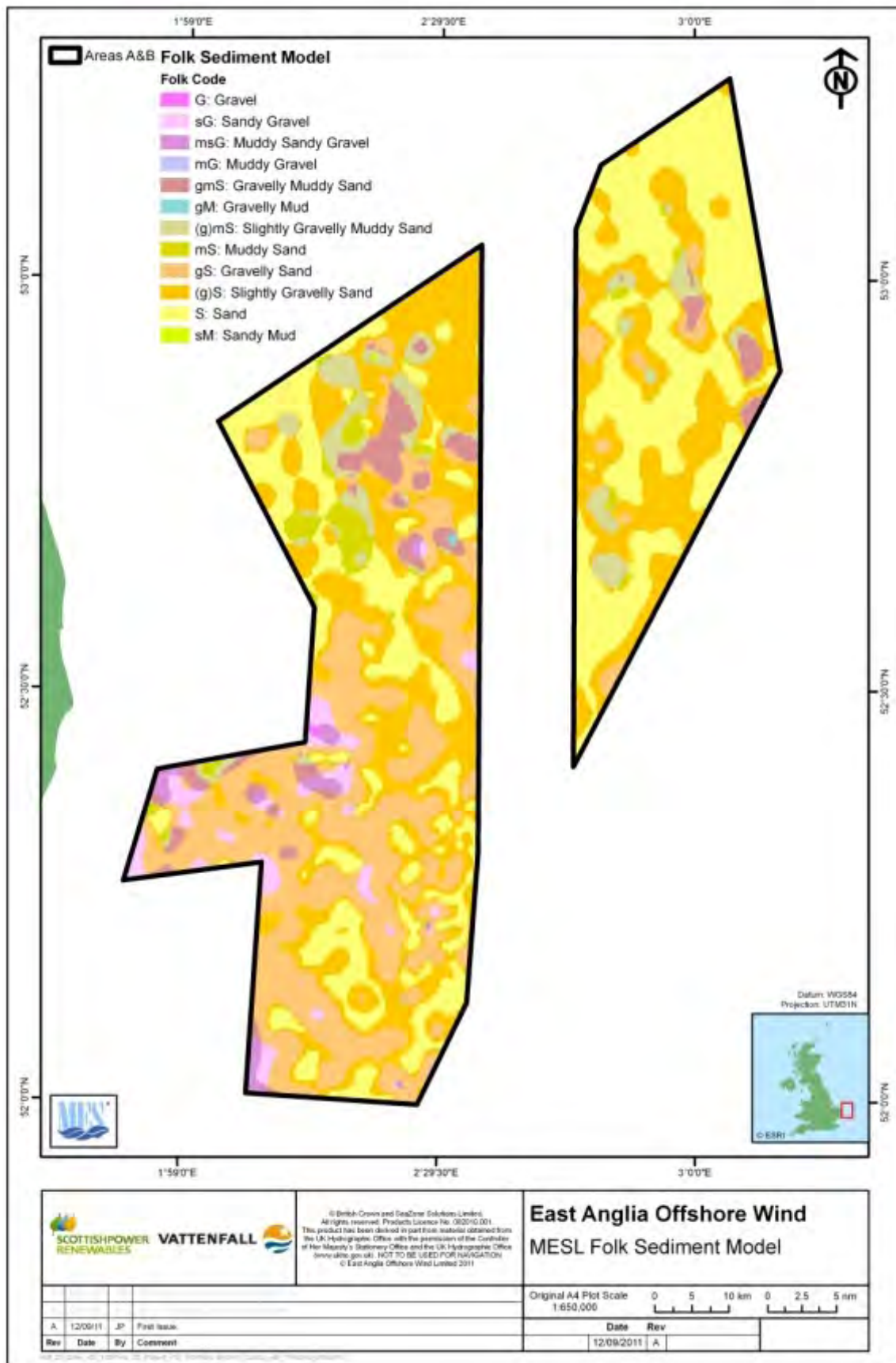


Figure 41. Distribution of seabed sediments across the EAOW zone (Folk, 1954).

#### **D.1.2 Level 4 EUNIS physical habitat model**

The EUNIS habitat classification scheme was developed by the European Environment Agency (2001)<sup>7</sup>. It provides a hierarchical structure, with progressive layers dealing with different features of the habitat. Level 1 separates the marine environment from terrestrial; and Levels 2, 3 and 4 provide increasing resolution on biological zones and sediment types. Biological zones are divided by depths which are governed by certain physical characteristics presented below (*n.b.* this list is limited to those biological zones found within the EAOW region):

- Infralittoral: low tide to maximum depth of 1% light attenuation
- Ciraclittoral: from maximum depth of Infralittoral zone to the maximum depth of wave impact (wavebase)
- Deep Circlittoral: below wavebase and on the continental shelf

The level 4 EUNIS model shown in Figure 42 was created using six EUNIS sediment categories extracted from the MESL interpolated survey sediment data; and biological zone (governed by depth, light attenuation and wave base) provided by UKSeaMap 2010, as detailed in Table 2 (see fifth column).

Figure 42 shows that the area is dominated by Circlittoral fine sand (*i.e.* sand below 1% light attenuation and above the wavebase) across much of the region. There is a band of Deep Circlittoral sand extending through the central part of Area B in a north-south orientation; and this is joined by smaller bands of Infralittoral fine sand from the north. The area otherwise contains patches of Circlittoral sandy mud (and Deep Circlittoral mud) in the central / northern section of Areas A and B and patches of Circlittoral mixed sediments (and Deep Circlittoral sediments) in the west and north of Area B, and smaller patches elsewhere (both A and B).

---

<sup>7</sup> The European Environment Agency (EEA) 2001. (<http://eunis.eea.europa.eu/introduction.jsp>)

Figure 43 shows the multivariate faunal groups identified in Section C.4.4 superimposed over the EUNIS Level 4 model presented in Figure 42.

Figure 43 reveals that a number of the faunal communities were found to occur almost ubiquitously across the modelled zones, suggesting that the constituents of these groups are tolerant of a variety of ecological conditions. For example, Faunal Group J and Faunal Group H were both found to occur within the majority of the different modelled zones. However, other faunal communities, such as Faunal Group A and Faunal Group B appeared to be more restricted in terms of their distribution across the modelled habitats, which suggests that the fauna of which these groups had more specific habitat requirements than did other groups.

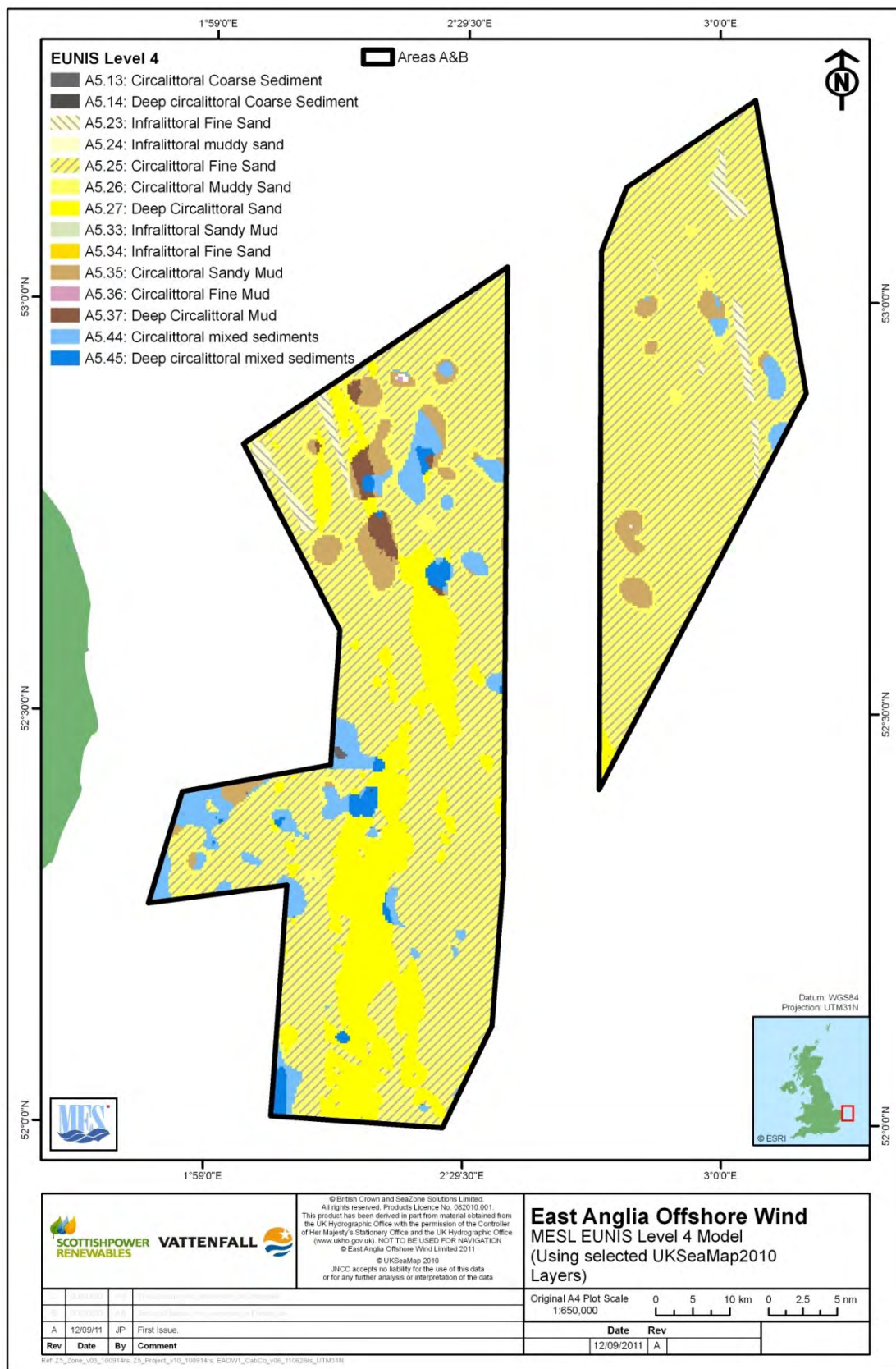
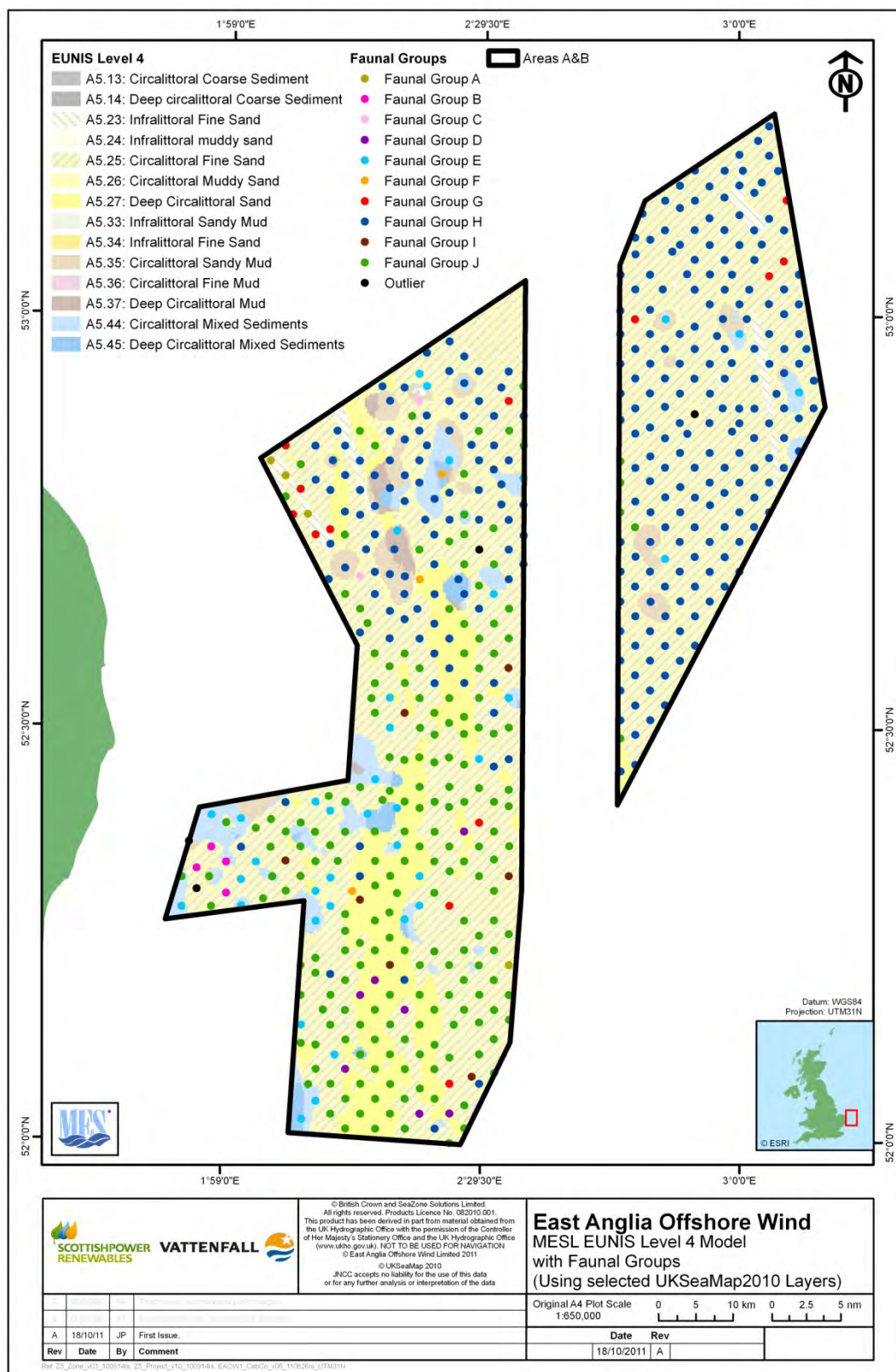


Figure 42. Level 4 modelled EUNIS map across the EAOW zone.



**Figure 43.** The EAOW multivariate faunal groups superimposed onto the Level 4 modelled EUNIS map across the EAOW zone.

**Table 2:** Layers used in the Level 4 EUNIS model and in the faunal model: showing source, processing and categorisation for models.

Layer	Additional Details	Source	MESL Processing	Used in Level 4 EUNIS Model	Used in Faunal Model
<b>Percentage sand, gravel, mud</b>		MESL 2011	Interpolation point sample data, normalisation 0 to 100%, categorised in 10% intervals	No – not relevant	No – seabed sediment categorises provided a better correlation
<b>Folk Sediment categories (modified to EUNIS)</b>	Folk categories with additional subdivision or three categories to align with EUNIS classification system	MESL 2011	Categorisation of percentage gravel, sand and silt layers	No – not relevant	Yes
<b>EUNIS sediment categories (modified)</b>		MESL 2011	Simplification of Folk sediment categories using EUNIS interpretation at Level 3 EUNIS, and MESL interpretation of EUNIS Level; categories of coarse sediment, mixed sediment, fine sand, muddy sand, sandy mud, fine mud	Yes	No – seabed sediment categorises provided finer detail
<b>Depth</b>		SeaZone	Categorised in 10m intervals	No – not relevant	No - Model trials proved biological zone has a closer correlation than depth
<b>Biological zone</b>	Infralittoral (penetration of light to 1%) Circalittoral (to wavebase) Deep circalittoral (below wavebase)	UKSeaMap 2010		Yes	Yes
<b>Seabed energy</b>	Combined wave and tidal seabed energy Low, moderate, high energy classes	UKSeaMap 2010	None	No (only applied to rock at Level 4 and no rock predicted)	Yes
<b>Water body type</b>	Well mixed shelf water and well mixed Region of Freshwater Influence classes provided for each of summer and winter	UKSeaMap 2010	Raster interpreted to produce contoured map	No – not relevant	Yes
<b>Seabed temperature</b>		MyOcean / Proudman Oceanographic Laboratory	Raster interpreted to produce contoured map; categorised in 0.5°C intervals	No – not relevant	Yes
<b>Seabed salinity</b>		MyOcean / Proudman Oceanographic Laboratory	Raster interpreted to produce contoured map; categorised in 0.2 psu intervals	No – not relevant	No – does not provide any additional correlation if temperature used



### D.1.3 Faunal model

The faunal model developed for the EAOW zonal benthic faunal groups (as identified in section C.2.3) has used a bottom-up modelling approach similar to that developed in Biomor 5/Habmap<sup>8</sup> and modified in Humber Regional Environmental Characterisation<sup>9</sup>. This approach characterises the environmental conditions of each faunal group at each survey sample location, to then inform the prediction of its occurrence across the whole region according to the variation of these environmental conditions.

As well as those layers processed for the Level 4 EUNIS model, a series of additional layers were developed for use in the biotope model, as detailed in Table 2 (see last column); and all layers combined to one (union). By extracting the values of the concatenated 'united' layer, per sample point, a set of environmental conditions were determined for each faunal group, *i.e.* minimum and maximum for numerical classes, otherwise preferred category types. The model was then set up to allocate a score to each unique area of the map according to how similar it was to each of the faunal groups. Agreement with any one of the physical layer categories/classes for each faunal group resulted in a score of 1 (and agreement with 2 layers = 2, 3 layers = 3 etc) for that area. Therefore if any given area was within the range of all the required environmental conditions for one particular faunal group, then the likelihood of it occurring there would be the maximum score possible.

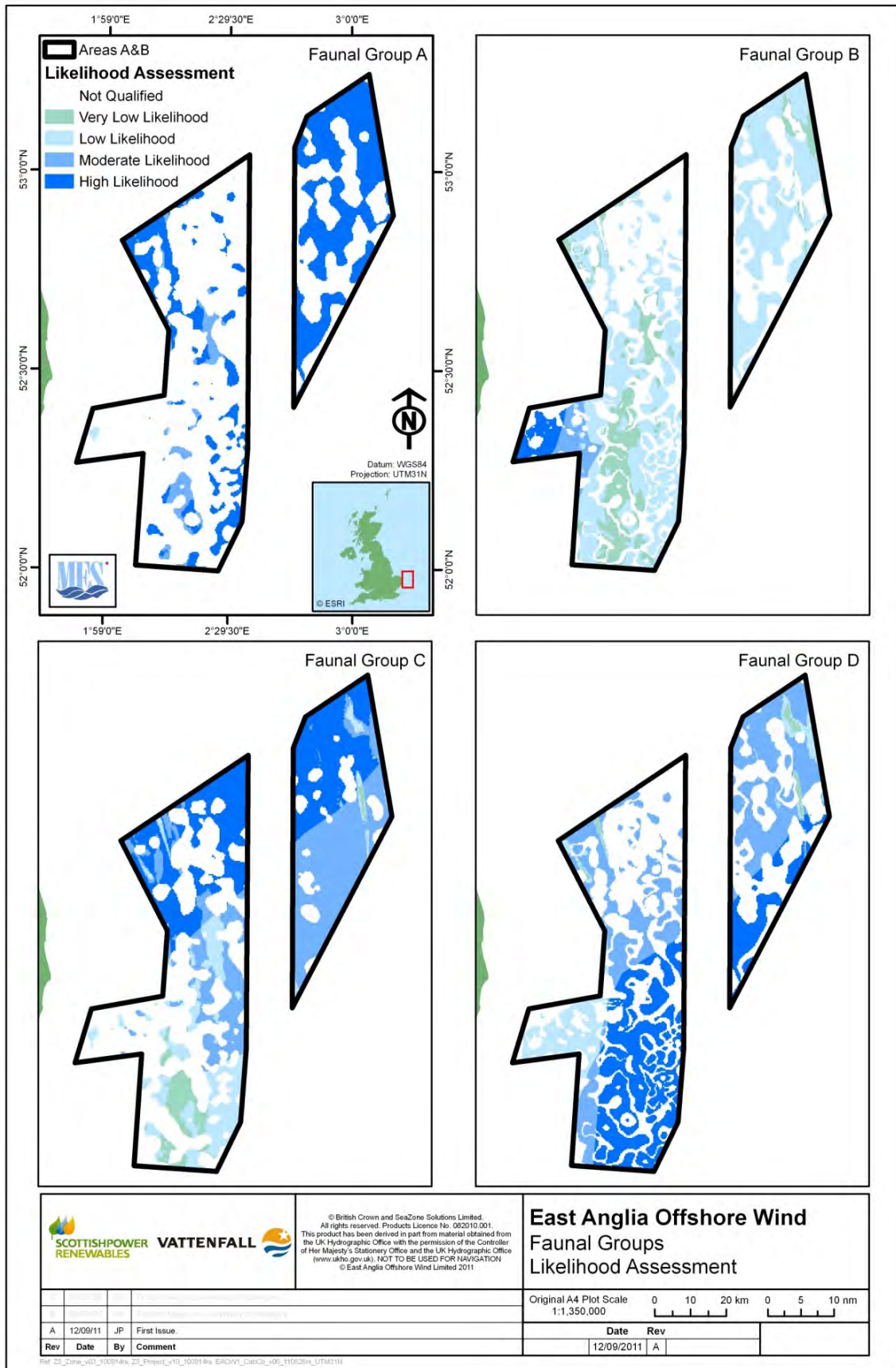
A series of trials were carried out to weight parameters in varying combinations (including removing some layers altogether by weighting with zero) until the best prediction was achieved. This was considered to be where the predictions produced the maximum area of unique faunal groups, *i.e.* without overlaps between the groups. Due to the significant bearing of sediment type on biotope, the model was adjusted such that if an area did not agree with the sediment types by which it was characterised, the score was forced to zero. By applying this forcing, it was found that it was not necessary to weight any of the parameters, *i.e.* weighting made no difference to the result.

The final model therefore only used a selection of five layers: Folk categories (modified), biological zone, seabed energy, water body type and seabed temperature; with predictions for each faunal group resulting in scores from zero to five. These results are shown in a series of maps (Figures 44a-c) for each individual faunal group, whereby the scores of zero to five have been allocated labels of 0 = not qualified (*i.e.* not correct sediment type), 2 = very low likelihood, 3 = low likelihood, 4 = moderate likelihood, 5 = high likelihood (there were no scores of 1). It was not possible to combine these into a single map showing the most likely faunal group as over 90% of the area overlaps different faunal groups.

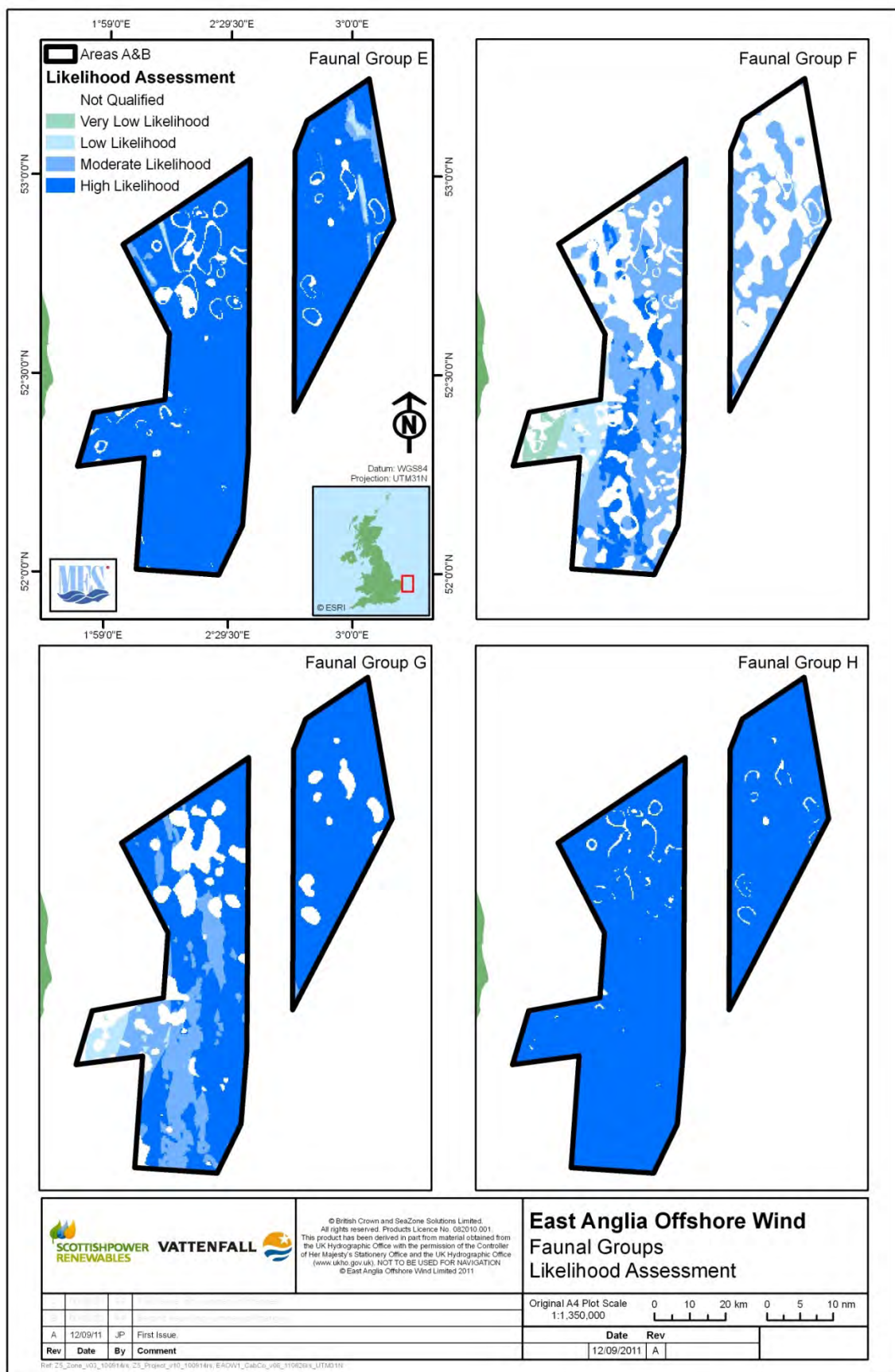
---

<sup>8</sup> Robinson K.A., Ramsay K., Lindenbaum C., Frost N., Moore J., Petrey D. & Darbyshire T., 2009. Habitat Mapping for Conservation and Management of the Southern Irish Sea Volume II: Modelling & Mapping. Studies in Marine Biodiversity and Systematics from the National Museum of Wales. BIOMOR Reports 5(2): 66pp.

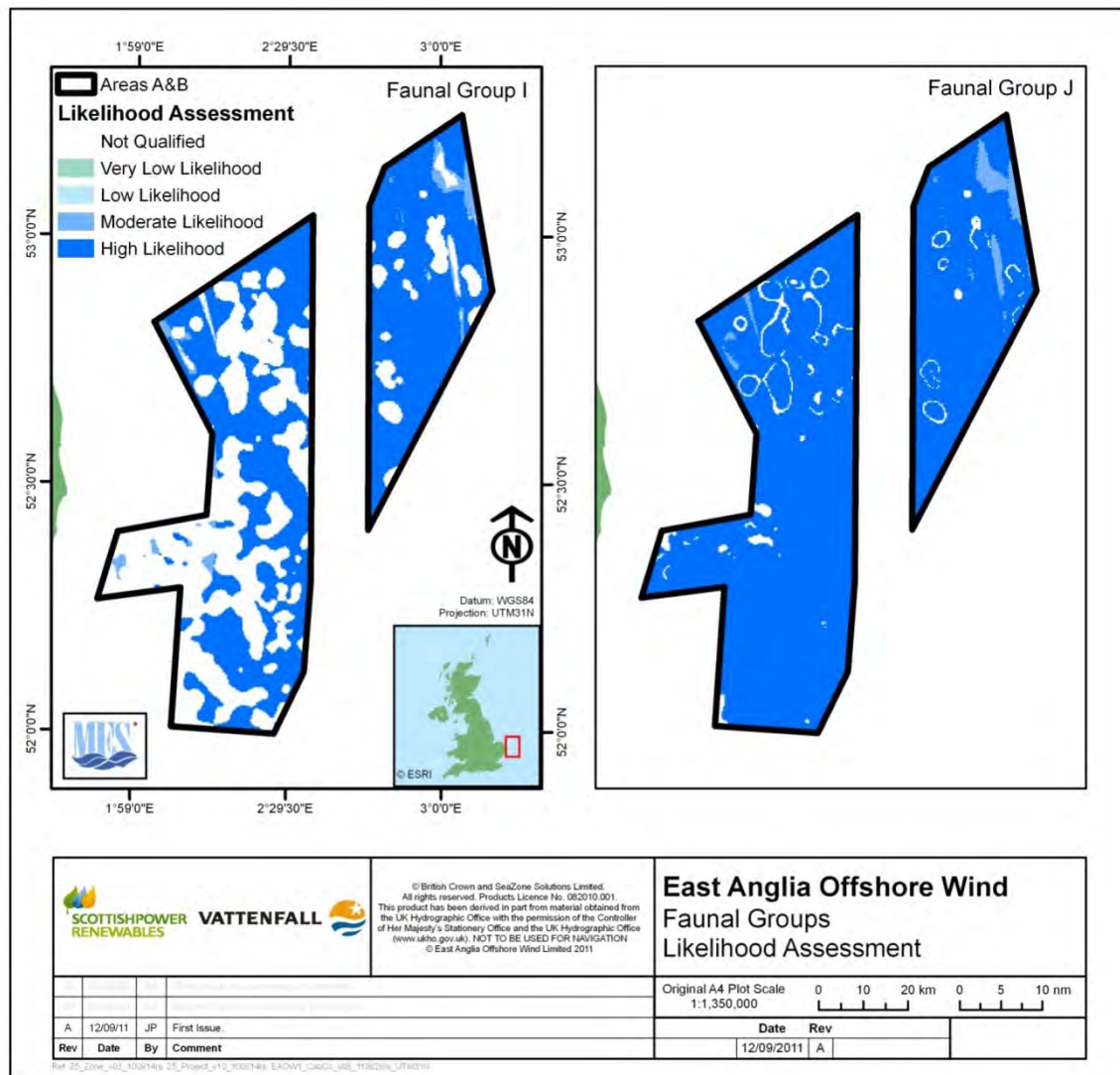
<sup>9</sup> Tappin, D R, Pearce, B, Fitch, S, Dove, D, Gearey, B, Hill, J M, Chambers, C, Bates, R, Pinnion, J, Diaz Doce, D, Green, M, Gallyot, J, Georgiou, L, Brutto, D, Marzialetti, S, Hopla, E, Ramsay, E, and Fielding, H. 2011. The Humber Regional Environmental Characterisation. British Geological Survey Open Report OR/10/54. 357pp.



**Figure 44a.** Faunal group prediction across the whole EAOW zone, based on a likelihood model.



**Figure 44b.** Faunal group prediction across the whole EAOW zone, based on a likelihood model.



**Figure 44c.** Faunal group prediction across the whole EAOW zone, based on a likelihood model.

Figures 44a-c show the likelihood of the 10 faunal groups occurring across the area of interest, and show varying degrees of coverage, some with high likelihood in just a small area (e.g. Faunal Group B) and others showing almost full coverage (e.g. Faunal Group H). The differences are explained by the preference of each faunal group for different environmental conditions of the following 5 modelled layers:

- Sediment
- Biological zone
- Energy
- Water body type
- Temperature

In general terms, the greater the coverage the less defined are the faunal group's requirements for a particular habitat. More detail is provided below for each faunal group map:

**Faunal Group A** has a very specific habitat as it was only found on sand. Most of the predicted area is of high likelihood according to the sand distribution, which covers small patches of Area B and larger sections of Area A. The likelihood is only compromised in the central and southern sectors of Area B due to the Deep Circalittoral biological zone, Region of Freshwater Influence (ROFI) and lower temperatures here which are not used to define Faunal Group A (hence a lower

likelihood). This faunal group was characterised by COPEPODA.

**Faunal Group B** has a distinct presence in the small western protruberance of Area B (high likelihood), characterised by the ROFI (present in both summer and winter) and low temperature. Whilst it occurs on a larger range of sediment types than Faunal Group A it is more likely to occur away from this western section due to these environmental preferences, although it has a wide coverage of the lower categories of likelihood. Annelids of the genera *Polycirrus* and *Ophelia*, and the mollusc *Spisula* characterised this group.

**Faunal Group C**, found on sand and gravelly sand, is most prevalent in the northern sections of both Area A and B where temperatures are lower and the water is well mixed throughout the year.

However, it has not been found in infralittoral areas so the shallow sand banks in the far north are a less likely habitat as reflected in the map. Considering the lower categories of likelihood, it may be found in much of Area A but is far less common to the south of Area A. A single taxon, *Scoloplos armiger* characterised this group.

**Faunal Group D** is concentrated in the southern portions of Zones A and B on sand and gravelly sand. Whilst it is not characteristic of infralittoral areas, it is otherwise found in a range of biological zones and water body types, with warmer temperatures providing the main controlling factor. It is, therefore, reasonably likely to occur in the remainder of Zones A and B, subject to the sediment type. The mollusc *Moerella pygmaea* and assorted annelids characterise this faunal group.

**Faunal Group E** covers a wide range of sediment types including all sand categories (gravelly, slightly gravelly, slightly gravelly muddy, gravelly muddy sand) as well as sandy gravels and muddy sandy gravels. In addition, it is suited to all water body types, temperatures, biological zones and energy apart from the small areas of infralittoral and high energy habitats. As a result it has a strong prediction across the entire EAOW zone, the majority of which is at high likelihood. Echinoderms and annelids

characterised this group, which was found to be very diverse.

**Faunal Group F** dominated in the southern and central portions of Area B in patches of gravelly sand, slightly gravelly sand and gravelly muddy sand, where the seabed is below the wave base (Deep Circalittoral) and temperatures are in the middle – high range. Representatives of OPHIUROIDEA were the dominant taxa present within this group.

**Faunal Group G** is predicted to occur over most of the EAOW region, becoming steadily higher in likelihood towards the west and occupying areas of sand, gravelly sand and slightly gravelly sand. Unlike many of the other faunal groups, it occupies areas of high energy and the infralittoral zone where light penetrates to 1% attenuation, in addition to the more common circalittoral and moderate energy zones. *Nephtys cirrosa*, other taxa from the genus *Nephtys*, and *Magelona johnstoni* were the key species that comprised faunal group G.

**Faunal Group H** is located within a full range of characteristics of all biological zones, water body types, temperature ranges, energy; and is only restricted slightly by within very small areas, *i.e.* muddy gravel, part of the slightly gravelly muddy sand, sandy mud and gravel. Otherwise, it is suited to all other sediment types and is therefore predicted at high likelihood across almost the entire area. It is the most common faunal group in the entire area. This faunal group was dominated by annelids such as *Spiophanes bombyx* and *Nephtys cirrosa*.

**Faunal Group I** is suited to areas of sand and slightly gravelly sand, located predominantly in Area A but also with significant patches in Area B. Presence of this group in Area B reduces westwards where temperatures become lower at the seabed; it is also restricted to below the infralittoral zone and so shows areas of lower likelihood in the northern sections of both Zones A and B. OPHIUROIDEA, *Gastrosaccus spinifer* and *Nephtys* were the key characterising fauna of this group.

**Faunal Group J** was likely to occur across both Zones A and B, covering areas of sand, gravelly sand, sandy gravel, slightly gravelly sand, slightly gravelly mud, slightly gravelly muddy sand and gravelly muddy sand; as well as all biological zones, water body types temperatures. Its presence within these conditions is only compromised by energy at the seabed, with its reduced likelihood in high energy areas in the northern sections of Zones A and B. Annelids such as *Spiophanes bombyx* and *Nephtys cirrosa* were the key species present.

The charts presented in Figures 44a-44 represent interpolations of the likelihood of occurrence of the faunal groups identified in Section C.2.3 and, as such, they represent an attempt to 'join the dots' between data acquired from each of the benthic survey stations.

Through examination of the more restricted faunal groups (A, B, C, D, F, I), it can be concluded that the EAOW region is broadly divided into the following sections: Area A (faunal group A), the west of area B (B), the north of areas A and B (C), the south of areas A and B (D), the south / central section of area B (F), the central / eastern section of area B and all of area B (G) and lastly the east of area A and majority of area B (I). However the occurrence of each of the faunal groups within these generalised areas is mostly subject to sediment type.

A detailed summary of each faunal group is presented in Section C.2.3. Specific details on the taxa comprising each faunal group can be found in Appendix Table 12.

## E. CONSERVATION

### E.1 Protected Areas

#### E.1.1 Internationally Protected Areas

The EAOW zone lies within, or in close proximity to, a number of marine protected areas. The Special Protection Areas (SPAs), Special Areas of Conservation (SACs) and candidate Special Areas of Conservation (cSACs) in the vicinity of the EAOW are shown in Figure 45. Candidate SACs are areas which have been recommended to the European Commission by the UK Government, but which have not yet received approval for designation. However, a cSAC receives protection which is equivalent to that received by an SAC. The Natura 2000 data sheets for the protected areas illustrated in Figure 45 are available from the Natural England and JNCC websites. A brief resume of each of the protected areas in the vicinity of the EAOW zone is presented below.

The purpose of the Outer Thames Estuary SPA is to provide protection for seabirds; principally *Gavia stellata* – the Red-throated Diver. The Outer Thames SPA comprises a number of units which overlap with western fringes of Area B. At its closest point, the Outer Thames Estuary SPA lies approximately 7km from EA ONE.

Margate and Long Sands cSAC has been proposed in order to provide protection for the Annex I sandbanks which occur across the area. The Haisborough, Hammond and Winterton cSAC has been similarly proposed for designation in order to provide protection for sandbank habitats and incorporates both Smiths Knoll and Heart y Knoll, which lie within the north-western reaches of Area B.

The North Norfolk Sandbanks and Saturn Reef cSAC, to the north of Area B, has been proposed for designation in order to provide protection for sandbanks and *Sabellaria* reefs. Both the Haisborough, Hammond and Winterton cSAC and the North Norfolk Sandbanks and Saturn Reef cSAC are situated at a minimum distance of 35km from EA ONE.

The Margate and Long Sands cSAC lies approximately 60km distant from EA ONE.

#### E.1.2 Marine Conservation Zones

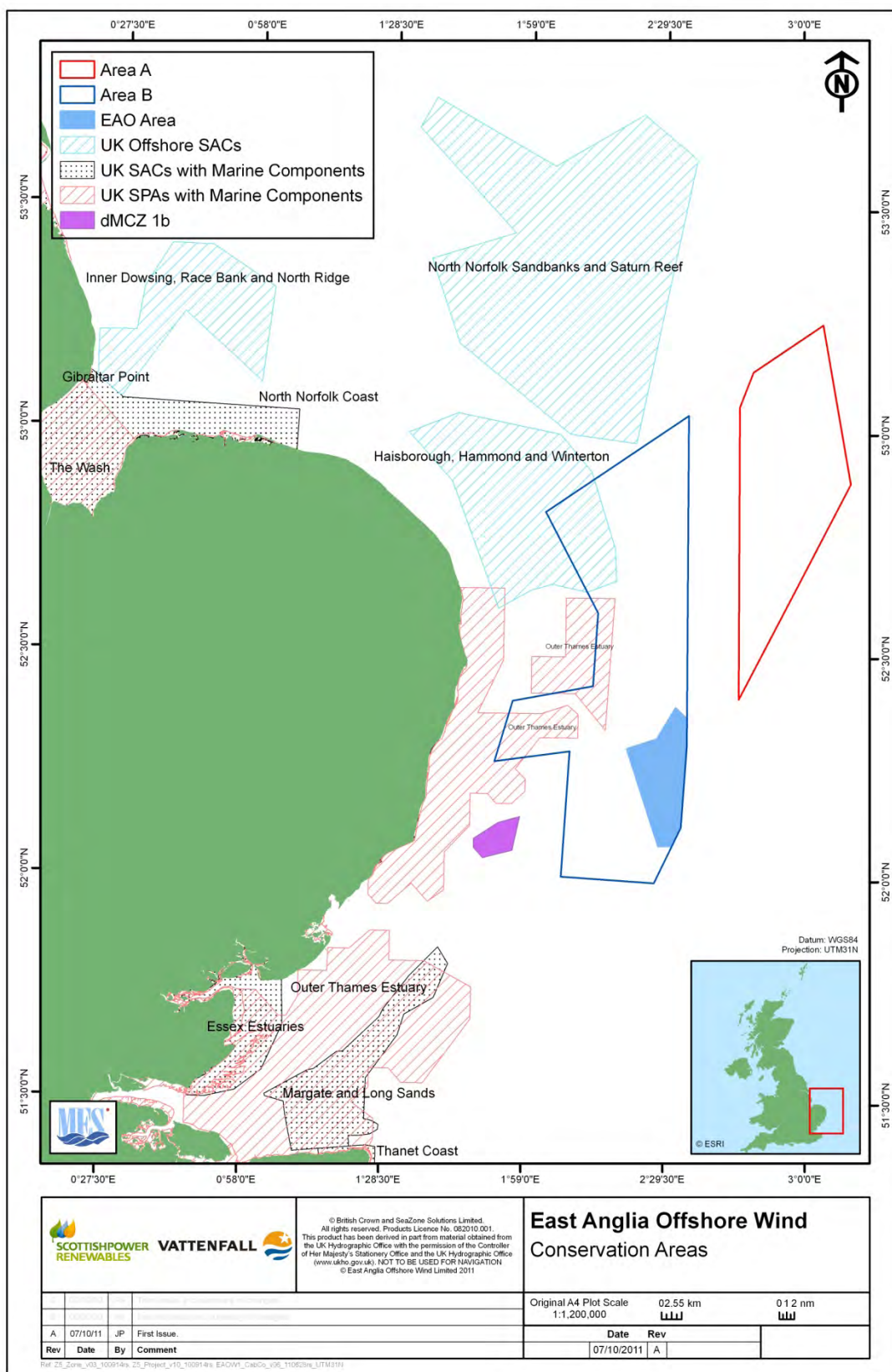
Following the passage of the Marine and Coastal Access Act (2009) through parliament a network of new Marine Protected Areas will be designated across the seas of the British Isles. Net Gain is currently in the process of designing this network of Marine Protected Areas – known as Marine Conservation Zones (MCZs) – across the EAOW area and beyond.

The MCZ designation process is presently scheduled for completion in December 2012. Net Gain has recently published their draft final recommendations for MCZs which provides detail on areas which may be designated as MCZs in the near future<sup>10</sup>. However, any draft sites contained within the report do not represent Marine Conservation Zones at this stage and may be refined as the MCZ designation process continues.

#### E.1.3 Sites of Special Scientific Interest

The coastline of East Anglia supports a wide array of Sites of Special Scientific Interest (SSSIs) which have been designated in order to provide protection for a range of habitats, species and geological features. A detailed review of these sites is beyond the scope of this report. The details of the relevant SSSIs can be found on the Natural England website.

<sup>10</sup> Draft Final Recommendations Submission to the Science Advisory Panel. (June 2011). <http://www.netgainmcz.org/docs/110607%20SB%20MV%20draft%20final%20report.pdf>.



**Figure 45.** A schematic chart illustrating the location of the EAOW zone and its proximity to areas of marine conservation.



## E.2 Annex I Habitats

Annex I habitats are defined under the [Council Directive 92/43/EEC on the Conservation of Natural Habitats and of Wild Fauna and Flora](#); more commonly referred to as the EC Habitats Directive (1992) as amended. Under these regulations, species and habitats that fall into designated categories are eligible for legal protection from activities which have the potential to damage them.

Two habitat types listed in Annex I of the Habitats Directive occur in the EAOW Zone. These are:-

- **Sandbanks** which are permanently covered by seawater – described in the Directive as ‘Sub-littoral sandbanks which are slightly covered by seawater all the time. Water depth is seldom more than 20 m below Chart Datum’.
- **Reefs** – described in the Directive as ‘Submarine or exposed at low tide, rocky substrates and biogenic concretions, which arise from the sea floor in the sublittoral zone but may extend into the littoral zone where there is an uninterrupted zonation of plant and animal communities. These reefs generally support a zonation of benthic communities of algae and animal species including concretions, encrustations and coralogenic concretions.’

### E.2.1 Sandbanks

The Annex I Sandbanks of the Haisborough, Hammond and Winterton cSAC impinge on the north western sector of EAOW Area B.

### E.2.2 *Sabellaria spinulosa* Reefs

During the course of the benthic survey the polychaete *Sabellaria spinulosa* (the Ross worm) was noted at several locations across the area of interest (Figure 48). *Sabellaria spinulosa* belongs to the polychaete family Sabellariidae. Organisms belonging to this family can form dense aggregations on the seabed, which can be recognised as biogenic reefs.

The Ross worm favours moderate to strong tidal flow in areas where fine to medium sediment and organic material are present. In such conditions its colonies may form ‘biogenic’ reef structures, which support a rich diversity and abundance of organisms.

However, *Sabellaria* reef structures are comparatively rare. *Sabellaria* is most commonly encountered encrusting stones and shells and other areas of fixed substrata throughout the North Sea and English Channel.

Where *Sabellaria* reefs occur they are often associated with diverse and abundant faunal communities. Given the ability of *Sabellaria* to create biogenic reefs which support an extensive assemblage of fauna the reefs created by this taxon are listed under Annex I of the EC Habitats Directive.

Habitats that are listed within the EC Habitats Directive (1992) are deemed to be of European significance. As an EU member state, the UK Government has a responsibility to ensure that these habitats receive adequate protection from unnecessary damage and destruction.

In order to ensure that anthropogenic activities do not adversely affect any areas of *Sabellaria* reef that might be found across the area of interest it is important that the distribution of *Sabellaria* across the site is adequately defined. Further, it is important to make a distinction between the different types of *Sabellaria* communities present in an area when evaluating potential Annex I sites. MESL describe the presence of *Sabellaria* in terms of tube type; rubble, crusts, veneer and reefs in-line with methods devised by Hendrick and Foster-Smith<sup>11</sup> and Gubbay<sup>12</sup>.

In order to assess the importance of the *Sabellaria* populations which occur across the EAOW zone, MESL have employed an iterative process incorporating data drawn from the EAOW geophysical surveys, the seabed imagery samples and the mini-Hamon grab samples acquired from across the area of interest.

<sup>11</sup> Hendrick and Foster Smith (2006). *Sabellaria spinulosa* reef: a scoring system for evaluating ‘reefiness’ in the context of the Habitats Directive. *Journal of the Marine Biological Association of the United Kingdom*; 86: 665-677.

<sup>12</sup> Gubbay (2007). Defining and Managing *Sabellaria spinulosa* Reefs: Report of an Inter-Agency Workshop. <http://jncc.defra.gov.uk/page-4097>.

The first stage of this process involved the execution of a detailed ecological review of the EAOW geophysical data ahead of the survey. The review was undertaken in order to identify areas of apparent high rugosity which are representative of the sonic signature returned by *Sabellaria* reefs during acoustic surveys. Such areas were determined to be areas of potential *Sabellaria* significance.

These areas of 'reflective' terrain or rugosity as identified from the side-scan sonar (SSS) data varied from isolated patches to 100% anomalous regions. All were recorded and described for use in examining the potential for *Sabellaria* across the EAOW zone. Figure 46 shows the distribution of SSS point anomalies symbolised on their described appearance. Areas with high percentages of anomalies are more likely to be representative of areas of biogenic reef than are areas in which low percentages of anomalies were recorded.

As a result of the geophysical data analysis, a number of additional grab sample stations and seabed imagery sample stations were assigned to these locations in order to ground-truth the geophysical data and assess whether *Sabellaria* reefs did indeed occur at these locations (targeted stations). During the EAOW zonal survey, detailed notes were made for all stations where *Sabellaria* was recorded. These field notes are presented in Appendix Table 3 and Appendix Table 4.

Because the SSS anomalous point data are scattered, they lend themselves well to a Kriging interpolation. This is an advanced geostatistical interpolation procedure that generates an estimated surface from a scattered set of points with z-values. It assumes that the distance or direction between sample points reflects a spatial correlation that can be used to explain variation in the surface. Kriging is most appropriate when a spatially correlated distance or directional bias exists in the data. It is often used in soil science and geology.

Kriging is similar to the IDW (inverse distance weighted) interpolation tool in that it weights the surrounding measured values to derive a prediction for an unmeasured

location. Unlike IDW, the Kriging method uses weights that are based not only on the distance between the measured points and the prediction location but also on the overall spatial arrangement of the measured points.

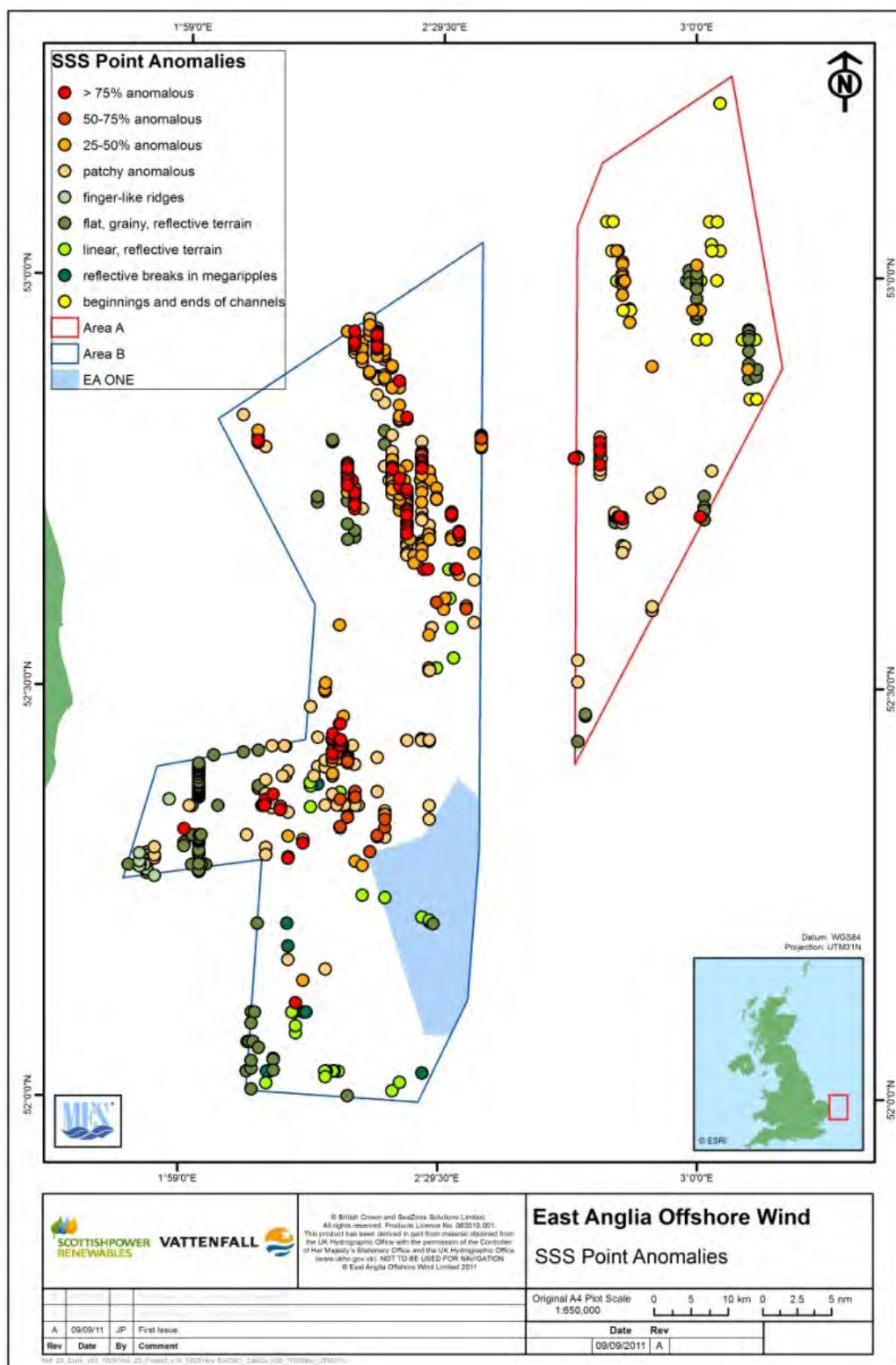
The anomalous points of data, interpreted from the side-scan sonar data, are scattered across both Zones A and B. A reef potential was assigned for each point on the basis of the image description (1-9, with 9 showing the most potential for reef). Ordinary, spherical Kriging was applied to each area independently so that no interpolation was carried out between the data sets. The results are shown in Figure 47 with the anomalous SSS points overlaid.

Following the completion of the survey, the field notes were revisited together with the seabed images themselves and the *Sabellaria* abundance data. Figure 48 shows the distribution of *Sabellaria* abundance data overlaying the Kriging interpolation based on the SSS analysis. It is evident that in many areas of the EAOW zone there was a good correlation between stations which recorded high abundances of *Sabellaria* and regions of high potential for 'reef' as proposed by the SSS analysis.

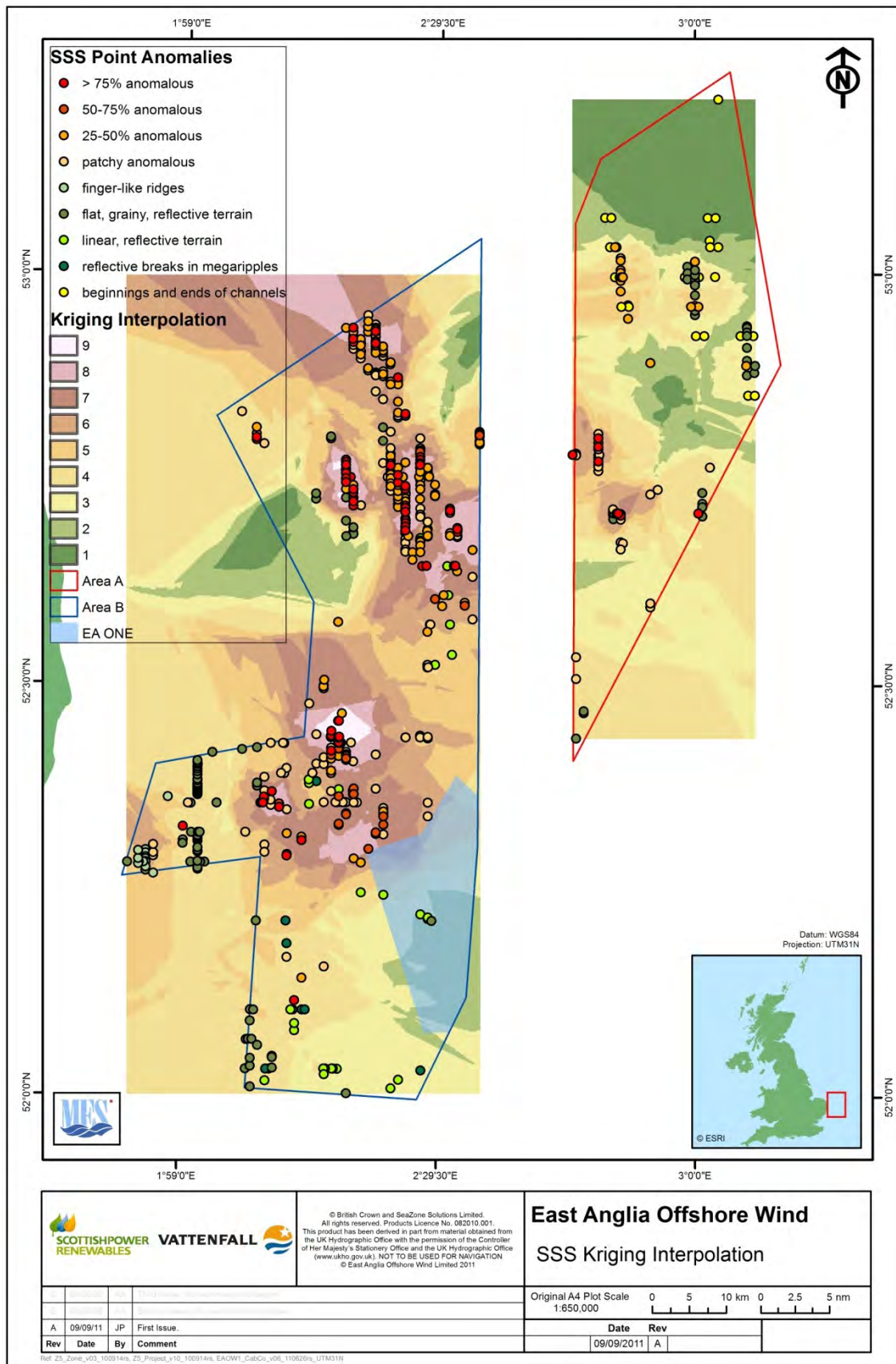
Based on the evidence acquired during the survey (primarily the seabed imagery and visual inspection of each faunal grab) and the *Sabellaria* abundance data, stations were also ascribed to a 'reefiness' category (Appendix Table 18). The reefiness categories range from 0-5, with 0 representing stations demonstrating no/limited evidence of *Sabellaria* presence and 5 representing areas for which the evidence suggests the probable presence of reef, with a continuum in between.

The methods used to conduct this reefiness assessment were loosely based on Gubbay (2007) and included cross referencing the seabed imagery with the abundance data and biometric fieldnotes.

Figure 49 shows the distribution of stations for which scores greater than 0 were recorded, likewise Appendix Table 18 focuses solely on stations which returned scores greater than 0.



**Figure 46.** Chart showing the distribution of anomalous seabed textures, based on rugosity, secured by CODA streaming of acoustic data for the EAOW zone.



**Figure 47.** Chart showing the distribution of anomalous SSS point data and the Kriging interpolation for the EAOW zone.

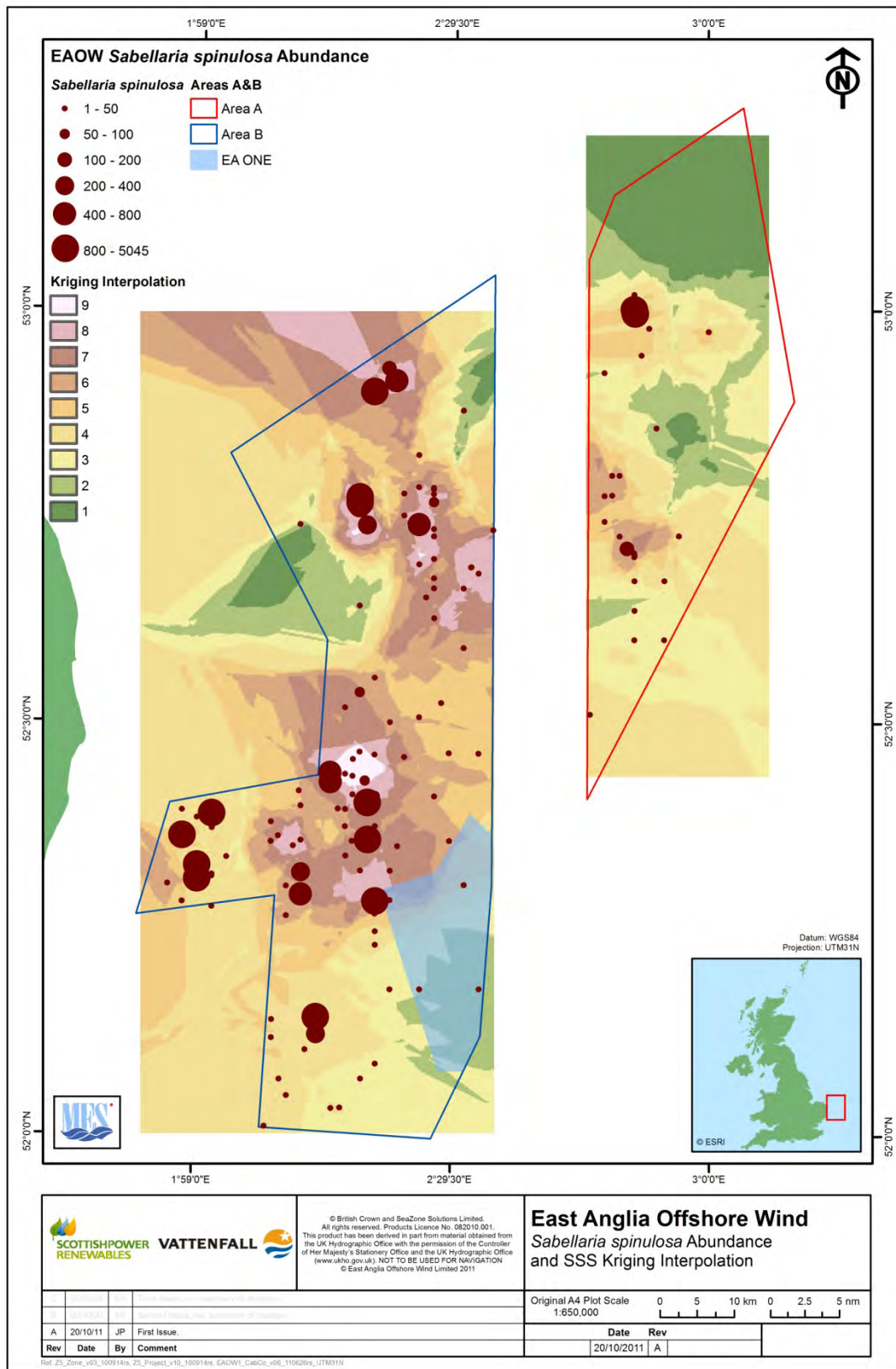
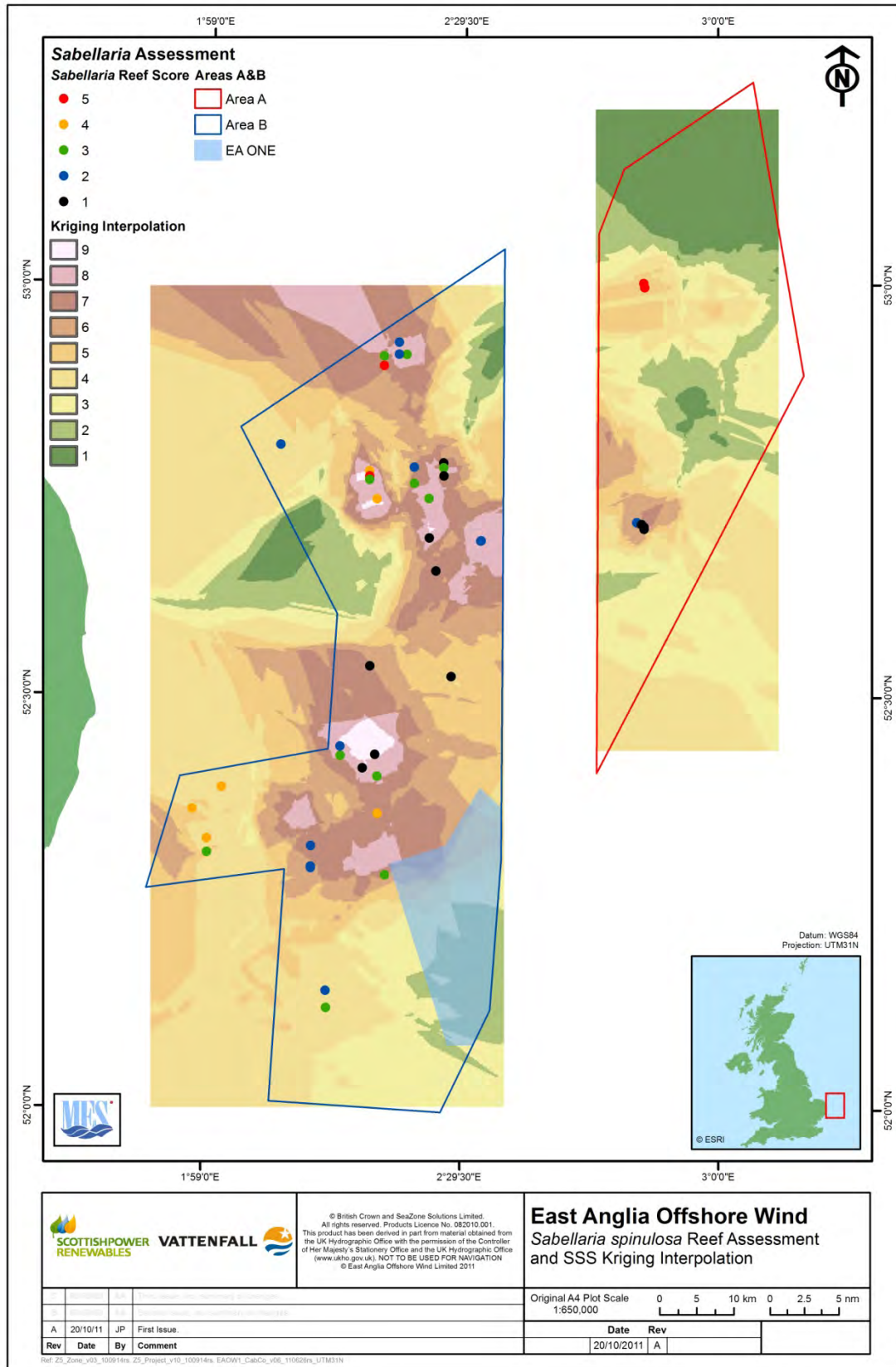


Figure 48. The distribution of *Sabellaria spinulosa* abundance across the area of interest.



**Figure 49.** Chart showing the distribution of *Sabellaria spinulosa* Reef Scores and the Kriging interpolation across the EAOW zone.

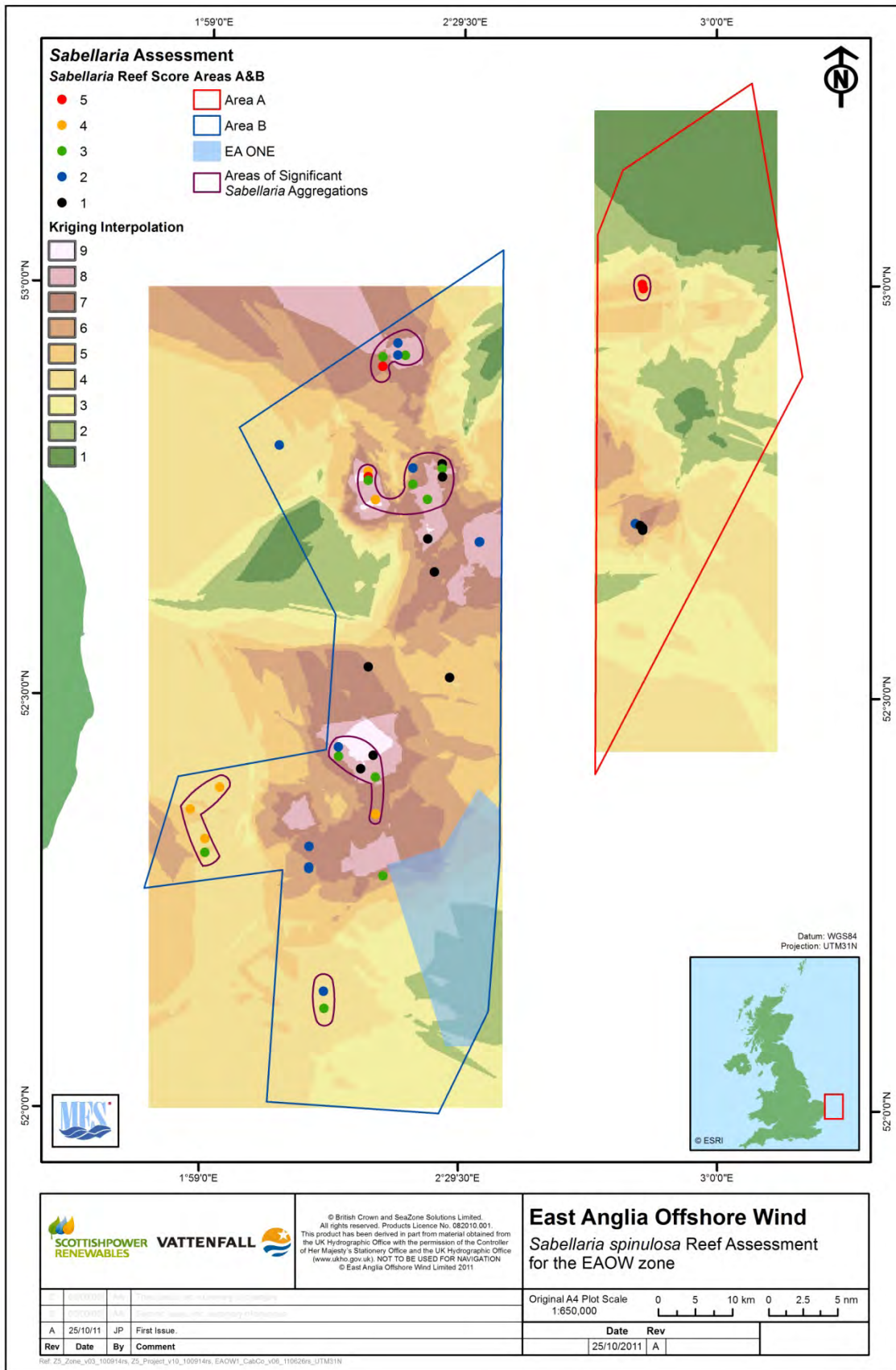


Figure 50. Chart showing the *Sabellaria spinulosa* Reef Assessment for the EAOW zone.

Figures 48-50 reveal that the areas with the greatest potential to support *Sabellaria* reef were found in the north and centre of Area B with smaller, another potential reef area was found within Area A. The evidence used to compile Figures 48-50 suggests that these areas support either large *Sabellaria* populations or widespread *Sabellaria* aggregations (or both) which could be interpreted as potential areas of Annex I *Sabellaria* reef habitat. These assertions are based primarily on the results of the field work undertaken to ground-truth the acoustic data acquired from across a EAOW area in addition to the interpolated geophysical data-layer.

Four extensive areas showing consistently high evidence of *Sabellaria* presence occurred within Area B. These areas (working anti-clockwise from the most westerly area to the most northerly area) measured 37.5km<sup>2</sup>, 40.2km<sup>2</sup>, 66.2km<sup>2</sup> and 29.7km<sup>2</sup> respectively. A smaller area of high reef potential was also found towards the south of Area B (17.2km<sup>2</sup>). One area with high potential for supporting *Sabellaria* reef was also found within Area A. This smaller area measured 9.3km<sup>2</sup>.

In order to assess the extent to which the areas of potential reef were ecologically distinct from non-reef areas, the data were tested using the ANOSIM routine within PRIMER. All stations achieving a reef score of 2 or higher were grouped and tested against all of the stations which achieved a reefiness score of 1 or lower. The purpose of the test was to look for differences in species composition between the two groups. The ANOSIM test demonstrated that there were statistically significant differences between the reef group and the non-reef group (R=0.318, significance=0.1%).

An R value of >0.3 suggests that there was comparatively little overlap between the two data-sets, hence, they can be interpreted as being representative of differing ecological communities.

In order to identify where the primary differences between the datasets occurred the reef group was statistically compared to the non-reef group using the SIMPER routine within PRIMER. The results of this test are presented in Appendix Table 19 which demonstrates that the differences between the two classifications of samples were primarily driven by differences in the abundances of *Sabellaria spinulosa*, *Pisidia longicornis*, OPHIUROIDEA and NEMERTEA. This accords well with the findings of Pearce *et al*, 2011<sup>13</sup>.

In order to effectively delineate any areas of reef which occur within the polygons presented in Figure 50 best practice dictates that 100% geophysical data-coverage should be acquired, with this data then ground-truthed with seabed imagery and faunal grabs. Thus, it should be noted that the areas indicated as significant *Sabellaria spinulosa* aggregations do not necessarily represent areas of continuous reef, rather they represent areas from which samples that could be described or interpreted as reef were consistently obtained.

---

<sup>13</sup>Pearce, B., Hill, J.M., Griffin, R., Earnshaw, S. & Pitts, J. 2011 (in press). *Sabellaria spinulosa* Reef Ecology and Ecosystem Services. A report for The Crown Estate. Marine Ecological Surveys Limited. 3 Palace Yard Mews, Bath, BA1 2NH. 82pp.



### E.2.3 Other Annex I Habitats

Evidence acquired from the underwater video and stills imagery gathered as part of the benthic characterisation survey conducted across the EAOW Zone indicate that mussel beds, geogenic reefs and submarine structures caused by leaking gases are not present across the area of interest.

### E.3 Biodiversity Action Plan Habitats

The UK Biodiversity Action Plan (UKBAP) provides a list species and habitats of conservation priority<sup>14</sup>. The UKBAP list contains over 1,000 species and 65 habitats earmarked as being national priorities for protection within the UK. A total of 85 of these species and 25 habitats within the BAP are classified as marine.

A number of habitats identified under the UK BAP are present in the vicinity of the ZEA area<sup>15</sup>. These include the following:

- Mud habitats in deep water
- *Sabellaria spinulosa* reefs
- Subtidal sands and gravels

Several other priority habitats occur outside the zonal survey area, most notably those associated with coastal features. The habitats may be of importance when considering the EAOW cable route.

### E.4 Species of Conservation Interest

During the course of the EAOW zonal survey four particular taxa of interest were identified. Three taxa – the mantis shrimp *Rissoides desmaresti*, the amphipod *Apherusa ovalipes* and the spider crab *Achaeus cranchii* – are recorded as nationally scarce. The abundance of each of these taxa across the EAOW zonal area is presented in Figure 51.

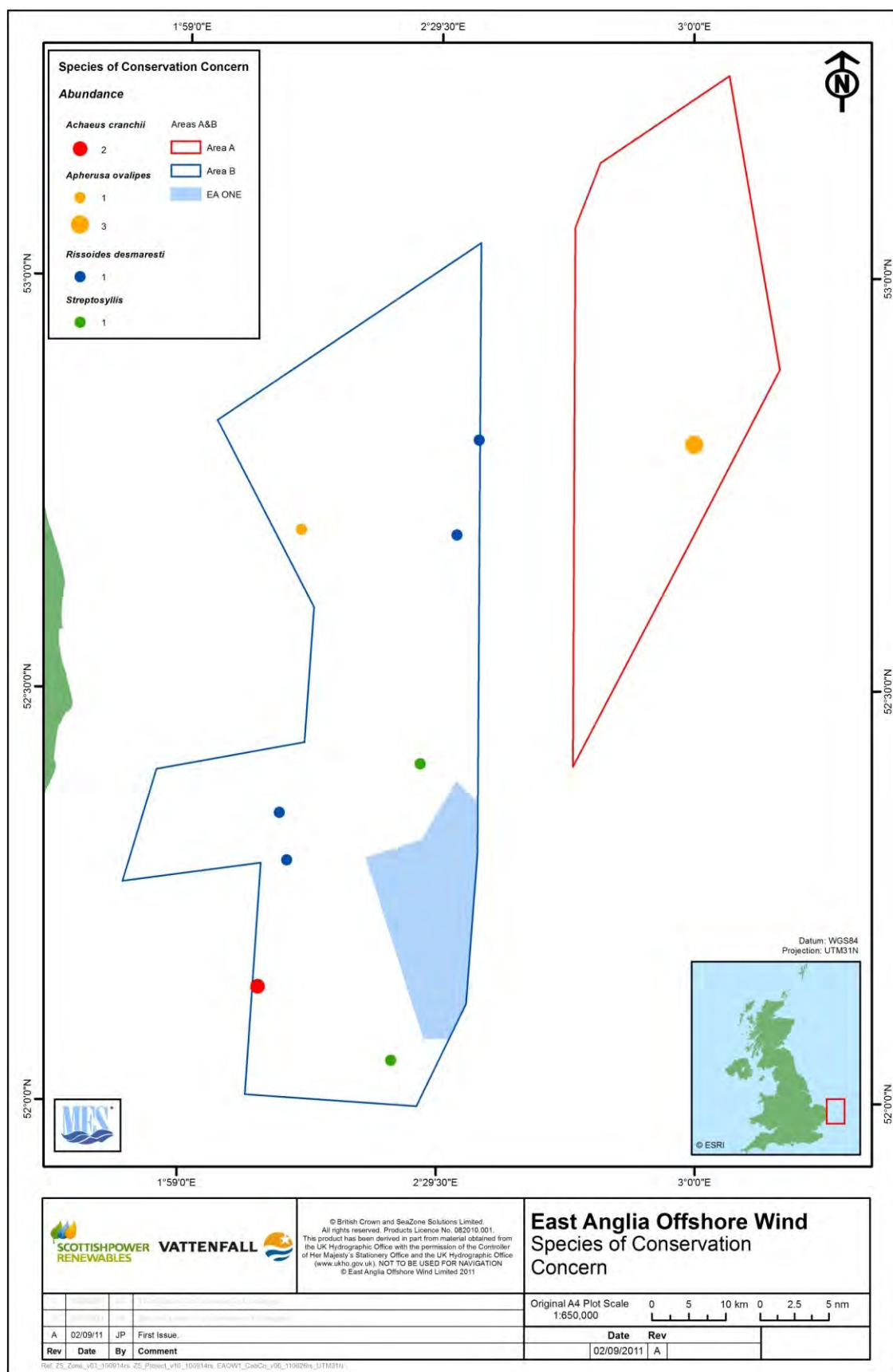
Further, a syllid polychaete belonging to the Genus *Streptosyllis*, which is believed to be as yet undescribed by the scientific community, was identified. Examples of this taxon have been sent to The National Museum Wales (Cardiff) for verification. At the time of writing the identification of this taxon is yet to be confirmed.

All of these organisms were present in very low numbers and none were present within EA ONE.

---

<sup>14</sup> *Biodiversity: the UK Action Plan*, 1994. (Cm 2428) London: HMSO.

<sup>15</sup> Biodiversity Reporting and Information Group (BRIG) (ed. A. Maddock). 2008. UK Biodiversity Action Plan; Priority Habitat Descriptions [online]. UK Biodiversity Partnership.  
<http://www.ukbap.org.uk/library/UKBAPPriorityHabitatDescriptionsRevised20100730.pdf>



**Figure 51.** The distribution of notable species across the area of interest including the spider crab *Achaeus cranchii*, the amphipod *Apherusa ovalipes*, the mantis shrimp *Rissoides desmaresti* and *Streptosyllis* which is believed to be as yet undescribed by the scientific community.

## F. CONCLUSIONS

Detailed analyses of the sediment, benthic and epibenthic data obtained from the EAOW ZEA zone between July 2010 and January 2011 have been undertaken. The results of these analyses provide a characterisation of the ecology of the area and detail how the infaunal and epifaunal communities vary across the site.

### F.1 Composition of the Seabed

Particle size analysis of the 564 PSD samples taken from across the EAOW area has shown that the substrata of the EAOW zone are primarily comprised of homogeneous deposits of sand with patches of mixed sediments present intermittently across the area.

Examination of the sediment data from Area A revealed that the benthic deposits were predominantly sandy in nature, with slightly gravelly sand found at the majority of stations. Small, sparsely distributed patches of gravelly sand and muddy sandy gravel were found at stations across the south of the zone.

The substrata of EAOW Area B were found to comprise deposits of predominantly fine sandy materials, particularly at the stations which were situated towards the offshore-fringes of the area. Comparatively higher proportions of gravel were also recorded across Area B, with some stations recording muddy sandy gravel towards the centre of the zone.

Multivariate analysis identified four sediment groups through cluster analysis; Muddy Sandy Gravel (Group A), Gravelly Sand Type 1 (Group B), Gravelly Sand Type 2 (Group C) and Slightly Gravelly Sand (Group D). Sandy Gravel was found to dominate the EAOW zone and accounted for over 69% of all samples. Slightly Gravelly Sand was found to be the next most common sediment group, accounting for 28% of all samples. A plot of these groups across the EAOW zone revealed that EA ONE was entirely dominated by Gravelly Sand (Group C). Analysis of seabed imagery confirmed the distribution of these sediment groups.

### F.2 Nature of the Benthos

A total of 428 taxa were recorded during the course of the EAOW zonal survey, equating on a per-sample basis to a mean number of organisms 70, a mean number of taxa of 16 and a mean biomass per of 0.26gAFDW. The values observed reflect the fact that the EAOW zone largely comprises expanses of mobile sandy substrata, which support comparatively low abundances of few, small taxa.

Annelida dominated the faunal assemblages, accounting for over 58% of total abundance, over 40% of total taxonomic richness and over 31% of total biomass recorded. Other major faunal groups contributed relatively minor amounts to total abundance. *Sabellaria spinulosa*, *Spiophanes bombyx*, OPHIURODEA, and the mollusc *Abra alba* were found to be the most abundant taxa. *Spiophanes bombyx* was the most frequently encountered species, occurring at over 70% of stations.

After Annelida, Crustacea made the second greatest contribution to overall taxonomic richness. Echinodermata contributed the greatest to the total biomass (gAFDW) sampled from across the area and also made the second greatest contribution to abundance. Mollusca and Mollusca generally made the lowest contributions to each index, with the exception of taxonomic richness.

The majority of stations within the EAOW zone supported comparatively sparse populations of fauna, as over 60% of all recorded taxa were present at 20 stations or fewer, suggesting that, for the most part the EAOW zone is an area of limited ecological diversity. The few stations found to support a comparatively high population density were, for the majority, located towards the north and within the western protuberance of Area B. The distribution of fauna across Area A appeared to be largely homogenous with comparatively few organisms sampled from the majority of stations.

Area B supported the highest levels of taxonomic richness spread throughout several localised regions. Many stations

supported levels of biomass which were below the stated mean for the area. Stations supporting the highest levels of biomass were located in Area B, towards the south-west, the north-east and the westward protuberance.

Comparatively high levels of biomass were recorded at a small number of scattered stations within Area A. The pattern of the distribution of biomass across the area of interest broadly reflected the distribution of high taxonomic richness and, to a lesser extent, the distribution of high levels of abundance.

When additional targeted stations were included in the analysis, the distribution of species of interest across the EAOW zone was found to be variable, with most species showing greatest abundance in localised clusters. Stations recording the highest biomass generally mirrored those showing high abundance and taxonomic richness, although the correlation was weak.

Multivariate analysis identified ten distinct faunal groups, in addition to outliers, present across the area of interest. The minimum group similarity was 21%. A total of four samples failed to group with any other samples. Groups showed relatively high clustering when plotted spatially. A RELATE test indicated that there was a significant relationship between biological communities and sediment type, and that the strongest correlation was found between faunal communities and gravel (2-8mm), sand and fine silt substrata. This accounted for over 38% of the observed variation in faunal communities.

### **F.3 Nature of the Epibenthos**

A total of 95 taxa were recorded during the course of the EAOW zonal epibenthic survey. The mean number of organisms recorded per trawl was 956, and the mean number of taxa was 24. The mean biomass per trawl was 3,659gWW.

Crustacea dominated the epibenthic abundance and fish species contributed most to overall biomass and taxonomic richness.

Other major groups made variable contributions to abundance, taxonomic richness and biomass, although Annelida consistently made the lowest contributions to each index.

The five most abundant species accounted for over 80% of all organisms sampled across the area of interest. The crustacean *Crangon allmanni* was the most abundant organism and contributed the most to overall biomass. This species accounted for almost 50% of all of the organisms sampled during the course of the survey. Fish species also dominated biomass records, despite being low in abundance, reflecting the larger body size of these organisms.

As with benthic communities, distribution of taxa across the area of interest appeared to be very variable. Trawl stations which supported the greatest abundances of epifauna were found within the northern sector of Area B. The lowest epibenthic populations were found towards the southern sector of Area B and over the majority of Area A.

The distribution of taxonomic richness was more variable than the distribution of abundance. No strong geographical patterns governed the distribution of taxonomic richness, and trawl stations which supported comparatively high levels of taxonomic richness were distributed across the full extent of the EAOW zone. In addition, there appeared to be a weak relationship between stations supporting high levels of abundance and high numbers of taxa. The highest values of biomass (gWW) per trawl were recorded within the northern sector of Area B.

Multivariate analysis identified four distinct faunal groups. The key characterising taxa of these groups were relatively similar, although differences were noted in the taxa which made more minor contributions to the group similarity. When plotted by station these groups showed clear separation, with Area A and the northern section of Area B showing faunal groups characterised by echinoderms, fish and Crustacea such as *Crangon*, and the southern sector of Area B being characterised

by faunal groups containing fish and crustaceans such as *Paguridae*.

#### **F.4 Habitat Mapping**

The habitat mapping has been carried out in a three staged process: creation of a seabed sediment map from survey data, a EUNIS level 4 model and a habitat suitability model of each faunal group 'likli hood'. The final habitat mapping has resulted in some distinct area coverages of the majority of faunal groups, showing their preferences to certain sediment types, biological zones, water body types, temperature and energy at the seabed. A few of the groups (E, H, J) have a wide range of preferences and so are predicted to have a high likelihood of occurrence across the whole of the EA OW region. Through examination of the more restricted faunal groups (A, B, C, D, F, I), it can be concluded that the EA OW region is broadly divided into the following sections: Area A (faunal group A), the west of area B (B), the north of areas A and B (C), the south of areas A and B (D), the south / central section of area B (F), the central / eastern section of area B and all of area B (G) and lastly the east of area A and majority of area B (I). However the occurrence of each of the faunal groups within these generalised areas is mostly subject to sediment type.

#### **F.5 Conservation**

The EAOW zone lies within, or in close proximity to a number of marine protected areas, in particular the outer Thames Estuary SPA, which comprises a number of units, and part of which overlaps with the western fringes of Area B. At its closest point, the Outer Thames Estuary SPA lies approximately 7km from EA ONE. Marine Conservation Zones, although in draft format, have been identified outside the boundaries of the EAOW zone.

Habitats listed under Annex I of the EC Habitats Directive have also been identified in the vicinity of the EAOW zone. Notably this includes biogenic reef habitats formed by the tubicolous polychaete *Sabellaria spinulosa*. Four extensive areas showing consistently high evidence of *Sabellaria* presence occurred within Area B, in addition to one

area with high potential for supporting *Sabellaria* reef in Area A.

Multivariate analysis demonstrated significant differences in faunal assemblages between these potential reef communities and non-reef communities.

Four taxa of particular interest were found across the EAOW zone, including three that are described as nationally scarce, and one species belonging to the Genus *Streptosyllis* which is believed to be, as yet, undescribed by the scientific community. All of these organisms were present in very low numbers and none were present within EA ONE.

#### **F.6 Summary**

A comprehensive analysis of acoustic, benthic, epibenthic and seabed imagery data has been carried out on the EAOW zonal data in order to provide EAOW with a robust characterisation of the EAOW zone. The results have shown Area B to be predominantly comprised of sandy substrate with a few local areas of mixed sediment that have been colonised by faunal assemblages exhibiting a high biodiversity. These assemblages have been identified in association with *Sabellaria spinulosa* aggregations. The EAOW Area A is comprised of a more mixed and patchy substrate, interspersed with areas of sand. The localised areas at which aggregations of *Sabellaria spinulosa* exhibit the potential for Annex I habitat classification are confined to the northern and western sector of Area A. The EA ONE area is comprised of relatively homogeneous substrates and concomitant faunal composition.



# East Anglia Offshore Windfarm Zonal Environmental Appraisal: Benthic Biological Characterisation Report

Appendices to Document No. ERMEAZ0111

Prepared for:

**East Anglia Offshore Wind**

by:

**Marine Ecological Surveys Limited**

24a Monmouth Place

BATH

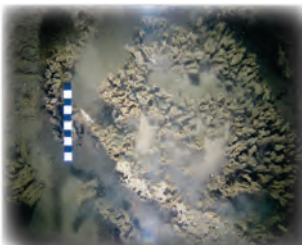
BA1 2AY

Tel:01225 442211

Fax:01225 444411

email:[marine@seasurvey.co.uk](mailto:marine@seasurvey.co.uk)

[www.seasurvey.co.uk](http://www.seasurvey.co.uk)



## APPENDICES

**Appendix Table 1.** Marine Ecological Surveys Standard Quality Assurance Protocol

**Appendix Table 2.** Benthic Field Notes

**Appendix Table 3.** Benthic *Sabellaria spinulosa* Field Notes

**Appendix Table 4.** Underwater Imagery Field Notes

**Appendix Table 5.** Epibenthic Field Notes

**Appendix Table 6.** Epibenthic *Sabellaria spinulosa* Field Notes

**Appendix Table 7.** Particle Size Distribution Sieve Results

**Appendix Table 8.** Particle Size Distribution % Gravel, Sand, Silt

**Appendix Table 9.** Benthic Faunal Abundance Matrix

**Appendix Table 10.** Benthic Faunal Biomass Matrix

**Appendix Table 11.** Benthic Summary Abundance, Diversity and Biomass

**Appendix Table 12.** Benthic Abundance SIMPER Tables Identifying Faunal Groups

**Appendix Table 13.** Benthic Relate and Best Results

**Appendix Table 14.** Epibenthic Faunal Abundance Matrix

**Appendix Table 15.** Epibenthic Faunal Biomass Matrix

**Appendix Table 16.** Epibenthic Summary Abundance, Diversity and Biomass

**Appendix Table 17.** Epibenthic Abundance SIMPER Tables Identifying Faunal Groups

**Appendix Table 18.** Reefiness Assessment

**Appendix Table 19.** Reef SIMPER Tables

**Appendix Table 1.** Outline of Collection and Quality Assurance Procedure.

1. Collection of the samples was carried out by a number of staff employed by Marine Ecological Surveys Limited. The surveys were led by Ross Griffin BSc. (Hons), MSc. of MESL. All of MESL's staff hold, as a minimum, a degree in the biological sciences. The survey was conducted between July 2010 and January 2011.
2. All positions were checked with the ship's navigational officer at the time of collection and careful notes entered into a Field Notebook which contained the following information: station number, date, time of sample collection, position of sample, type of deposit and sample volume. This information is stored within MESL's in-house database.
3. The field staff were responsible for careful labelling of the sealed sample vessels, for addition of formalin and for collection of appropriate sub-samples.
4. A series of photographs of representative steps in the survey procedure are included in our standard survey protocol.
5. Following completion of the survey, the sealed samples were carefully checked against the field notes and transported to the MESL laboratory for analysis. In the case of the biological samples, the vessels were checked on arrival at the laboratory by our laboratory supervisors Emma Deluca B.Sc. (Hons) and Lisa Grubb BSc (Hons). Records are kept of the date of separation, date of analysis and a complete list of the macrofauna recorded in each sample. The signed Laboratory Notebook is kept as a record and can be made available to clients as required. Marine Ecological Surveys Limited is a participant in the National Marine Biological Analytical Quality Control (NMBAQC) Scheme.
6. A Reference collection is kept for uniformity of analysis, and the complete sample from each station is kept preserved in alcohol for validation. Macrofauna samples are kept for 4 months following report submission, or longer on request by the client.
7. The data from the Field and Laboratory Notebooks were then compiled into final data sheets for analysis of community composition. All data are double-checked by two staff before entering into tables for analysis and are crosschecked with records from the navigational system to ensure that the positions entered into the final report are correct.
8. All signed Field Log Books, Laboratory Records and the original extracted samples of macrofauna from each sample site are available for inspection or validation following report submission.





**Appendix Table 2.** Table presenting the co-ordinates (WGS 84) of the 643 benthic grab samples acquired using a 0.1m<sup>2</sup> mini-Hamon grab. Also shown are the dates, times (GMT) and depth (m) at which the samples were taken, the number of attempts made to obtain the sample, the total sample volume (l), the volume (l) removed for particle size analysis (PSA) and a brief description of the sediment is recorded. Grid stations shown in blue with targeted stations highlighted in red.

Station	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
1	1191	504001.290	5897994.810	Force 2 WNW	07/12/2010	03:11:29	29.3
2	1192	502509.290	5896019.340	Force 2 WNW	07/12/2010	03:48:42	35.1
3	1194	500008.420	5894160.360	Force 2 WNW	07/12/2010	04:47:09	26.6
4	1188	504005.830	5894014.670	Force 2 WNW	07/12/2010	02:14:03	31.1
5	1199	494020.920	5892027.200	Force 2 WNW	07/12/2010	06:29:13	34.4
6	1195	498016.170	5892006.310	Force 2 WNW	07/12/2010	05:18:45	27.6
7	1187	500473.380	5892015.320	Force 2 WNW	07/12/2010	01:36:00	28.1
8	1174	505214.880	5891987.160	Force 2 - 3 NE	06/12/2010	21:23:47	29.7
9	1200	492021.010	5890000.950	Force 2 WNW	07/12/2010	06:58:22	33.3
10	1196	495985.790	5889898.490	Force 2 WNW	07/12/2010	05:50:30	36
11	1186	499994.810	5890009.870	Force 2 - 3 NE	07/12/2010	01:13:00	26.1
12	1175	503018.690	5890417.550	Force 2 - 3 NE	06/12/2010	21:43:22	34.7
13	1203	490026.440	5887958.950	Force 2 WNW	07/12/2010	08:32:05	33.2
14	1201	494009.890	5887989.330	Force 2 WNW	07/12/2010	07:24:18	35
15	1185	497995.090	5888407.300	Force 2 - 3 NE	07/12/2010	00:43:09	28.2
16	1177	502007.620	5889024.660	Force 2 - 3 NE	06/12/2010	22:02:46	33
17	1173	506333.570	5887996.900	Force 2 - 3 NE	06/12/2010	20:48:54	28.6
18	1204	486980.240	5886226.730	Force 2 WNW	07/12/2010	08:59:13	31
19	1202	492020.930	5886987.220	Force 2 WNW	07/12/2010	08:09:20	34.8
20	1184	495983.070	5885592.490	Force 2 - 3 NE	07/12/2010	00:09:02	36
21	1178	499999.880	5886011.330	Force 2 - 3 NE	06/12/2010	22:26:26	26.9
22	1169	504005.180	5885525.930	Force 2 - 3 NE	06/12/2010	19:38:55	33.7
23	1208	486014.810	5883004.470	Force 3 N	07/12/2010	10:09:29	36.9
24	1205	489997.130	5883989.710	Force 2 WNW	07/12/2010	09:30:58	29.5
25	1182	493978.590	5884016.410	Force 2 - 3 NE	06/12/2010	23:39:26	32.7
26	1179	497972.640	5884011.360	Force 2 - 3 NE	06/12/2010	22:46:36	29.9
27	1167	501994.830	5883988.190	Force 3 NW	06/12/2010	19:01:29	34.1
28	1170	506002.720	5883981.470	Force 2 - 3 NE	06/12/2010	20:01:33	28.7
29	1207	488013.470	5882721.920	Force 3 N	07/12/2010	09:51:00	34.1
30	1159	492015.880	5882035.360	Force 3 NE	06/12/2010	15:03:53	34.4
31	1181	496005.020	5882012.490	Force 2 - 3 NE	06/12/2010	23:13:05	38.4
32	1165	500005.850	5881996.050	Force 3 NW	06/12/2010	17:43:30	29.4
33	1166	503016.660	5882052.480	Force 3 NW	06/12/2010	18:27:19	32.7
34	1211	486016.310	5880738.760	Force 3 N	07/12/2010	10:38:32	35.8
35	1158	490996.660	5881095.480	Force 3 NE	06/12/2010	14:43:57	33.9
36	1160	494005.290	5880013.590	Force 3 NE	06/12/2010	15:37:04	33.1
37	1164	498012.240	5879994.300	Force 3 NW	06/12/2010	17:17:23	34.9
38	1084	502011.370	5879979.660	Force 1 variable	20/11/2010	05:02:53	36.8
39	1085	505977.940	5879770.050	Force 1 variable	20/11/2010	09:17:10	28.8
40	1212	484025.270	5877994.010	Force 3 N	07/12/2010	11:02:37	33.1
41	1157	487988.230	5878011.640	Force 3 NE	06/12/2010	14:09:46	38.4
42	999	492966.280	5878079.090	Force 4 SE	19/11/2010	08:08:55	34.2
43	1162	496032.830	5878045.160	Force 3 NW	06/12/2010	16:33:22	36.9
44	1080	499010.400	5877998.210	Force 2 SW	20/11/2010	03:39:01	35.8
45	1088	503991.920	5877792.900	Force 1 variable	20/11/2010	10:12:40	30.1
46	1086	508000.920	5878000.680	Force 1 variable	20/11/2010	09:40:41	33.1
47	1154	485998.690	5876009.900	Force 3 NE	06/12/2010	13:21:59	34.5
48	1000	489688.410	5876008.160	Force 4 SE	19/11/2010	08:32:49	32.4
49	997	494002.870	5875990.810	Force 4 SE	19/11/2010	07:42:03	32.2
50	1079	498007.020	5875999.880	Force 2 SW	20/11/2010	03:12:54	40.4
51	1070	501322.200	5875990.100	Force 2 variable	19/11/2010	23:30:56	31
52	1089	505998.290	5876009.010	Force 1 variable	20/11/2010	10:35:00	27.4
53	1152	483990.550	5873155.420	Force 3 NE	06/12/2010	12:34:48	34.5
54	1003	487983.840	5873271.110	Force 4 SE	19/11/2010	09:09:52	39.2
56	1078	495992.260	5874004.630	Force 2 SW	20/11/2010	02:42:21	30.8
57	1071	499989.670	5874002.000	Force 2 variable	19/11/2010	23:45:54	37.6
58	1091	503978.900	5874043.050	Force 1 variable	20/11/2010	11:03:55	32.5
59	1099	507994.330	5874019.200	Force 1 variable	20/11/2010	13:47:32	33.6
60	1004	485973.590	5872003.950	Force 4 SE	19/11/2010	09:58:56	30
61	1039	490081.030	5871983.060	Force 4 E	19/11/2010	17:47:05	38

Station	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
62	1077	493997.270	5870991.450	Force 2 SW	20/11/2010	02:05:08	35.4
63	1076	497783.760	5872009.350	Force 2 SW	20/11/2010	01:23:30	39.3
64	1092	500992.470	5872022.470	Force 1 variable	20/11/2010	11:31:21	28.9
65	1098	506001.470	5872696.650	Force 1 variable	20/11/2010	13:11:46	44.4
66	1005	483979.500	5869995.990	Force 3 SE	19/11/2010	10:23:33	35.8
67	1016	487990.980	5870000.280	Force 3 - 4 SSE	19/11/2010	15:25:23	39.8
68	1040	491980.240	5869996.020	Force 4 E	19/11/2010	18:46:37	27.9
69	1048	496996.140	5869731.470	Force 4 E	19/11/2010	21:04:38	29.4
70	1049	499992.610	5870010.100	Force 4 E	19/11/2010	21:27:23	40.8
71	1095	504003.430	5870009.130	Force 1 variable	20/11/2010	12:33:35	34.4
72	1100	508018.720	5870014.320	Force 1 variable	20/11/2010	14:26:46	33.1
73	1006	486000.720	5867995.330	Force 3 SE	19/11/2010	10:49:02	28.1
74	1014	490001.850	5868010.800	Force 3 - 4 SSE	19/11/2010	14:49:40	39.8
75	1042	493995.560	5867993.670	Force 4 E	19/11/2010	19:19:11	33.3
76	1047	498013.240	5868008.160	Force 4 E	19/11/2010	20:45:51	39.47
77	1094	502022.150	5868039.300	Force 1 variable	20/11/2010	12:07:13	23.7
78	1104	506039.400	5868000.910	Force 1 variable	20/11/2010	16:21:23	36.3
79	1101	509001.800	5867997.140	Force 1 variable	20/11/2010	14:55:00	31.6
80	1007	483993.040	5866004.540	Force 3 SE	19/11/2010	11:15:32	38.1
81	1008	488005.610	5866015.620	Force 3 SE	19/11/2010	11:48:19	38.6
82	1013	491988.470	5866009.740	Force 3 - 4 SSE	19/11/2010	14:16:17	30.3
83	1043	495989.930	5865990.760	Force 4 E	19/11/2010	19:49:16	31.2
84	1045	498967.830	5866098.180	Force 4 E	19/11/2010	20:20:08	41.8
85	1105	504015.920	5865992.760	Force 1 variable	20/11/2010	16:51:48	32.7
86	1102	508012.070	5866023.240	Force 1 variable	20/11/2010	15:23:54	38.4
87	1009	485993.580	5864030.070	Force 3 - 4 SSE	19/11/2010	12:28:30	36.4
88	1012	489996.560	5864019.990	Force 3 - 4 SSE	19/11/2010	13:47:06	39.7
89	1117	493963.080	5863984.580	Force 1 variable	20/11/2010	22:00:54	39
90	1116	498009.700	5864003.880	Force 1 variable	20/11/2010	21:33:55	34
91	1106	502003.190	5864001.320	Force 1 variable	20/11/2010	17:24:06	28.4
92	1103	506001.130	5864759.550	Force 1 variable	20/11/2010	15:49:48	40.7
93	952	510006.690	5863747.910	Force 2 Variable	16/11/2010	05:23:03	27.4
94	1224	484012.350	5862016.270	Force 3 E	07/12/2010	15:20:18	39.3
95	1010	487990.070	5862005.850	Force 3 - 4 SSE	19/11/2010	13:09:11	31.1
96	1126	492002.370	5862000.790	Force 1 variable	20/11/2010	23:30:43	33.6
97	1114	496024.590	5861992.570	Force 1 variable	20/11/2010	21:03:35	30.4
98	1112	499966.900	5859977.020	Force 1 variable	20/11/2010	20:10:44	41.2
99	1109	504974.180	5861939.710	Force 1 variable	20/11/2010	18:38:34	36.9
100	951	508017.610	5862165.010	Force 2 Variable	16/11/2010	04:49:15	39.8
101	1225	486011.420	5860007.240	Force 3 E	07/12/2010	15:53:22	39.1
102	1127	490000.610	5860215.300	Force 1 variable	20/11/2010	23:54:22	39.7
103	1131	493989.270	5859221.500	Force 1 variable	21/11/2010	01:41:57	38.2
104	1113	497741.010	5859999.940	Force 1 variable	20/11/2010	20:39:31	30.3
105	1110	502015.980	5859985.490	Force 1 variable	20/11/2010	19:17:20	33.5
106	950	506001.780	5860004.490	Force 2 Variable	16/11/2010	04:15:35	39.5
107	953	509979.540	5860006.020	Force 2 Variable	16/11/2010	05:58:56	30.1
108	1226	484017.830	5858436.420	Force 2 E	07/12/2010	16:23:23	37.7
109	1228	487983.130	5857421.180	Force 2 E	07/12/2010	17:17:26	33.4
110	1128	491978.500	5858016.680	Force 1 variable	21/11/2010	00:26:23	37.4
111	1132	495986.970	5858013.450	Force 1 variable	21/11/2010	02:15:28	33.1
112	1111	500011.350	5857997.700	Force 1 variable	20/11/2010	19:47:12	39.1
113	949	504007.540	5857992.680	Force 2 Variable	16/11/2010	03:43:36	26.3
114	962	507994.520	5858663.210	Force 2 Variable	16/11/2010	07:11:37	39.1
115	1227	485992.300	5856612.570	Force 2 E	07/12/2010	16:57:39	41.2
116	1229	490000.120	5855978.870	Force 2 E	07/12/2010	17:42:24	39.3
117	1129	492993.270	5856571.030	Force 1 variable	21/11/2010	00:57:07	40.1
118	1133	499002.330	5856860.270	Force 1 variable	21/11/2010	02:47:36	31.1
119	948	501996.540	5855994.080	Force 2 - 3 NW	16/11/2010	03:12:46	38.4
120	963	505997.960	5856005.930	Force 2 Variable	16/11/2010	07:49:52	38.7
121	934	483999.020	5852856.190	Force 2 - 3 NW	15/11/2010	21:03:23	35.2
122	1140	488028.530	5853540.640	Force 1 variable	21/11/2010	05:42:44	34.7
123	1137	491998.440	5854006.460	Force 1 variable	21/11/2010	04:39:14	36.4
124	1134	496002.030	5854009.270	Force 1 variable	21/11/2010	03:29:31	35.7
125	947	500010.210	5854000.950	Force 2 - 3 NW	16/11/2010	02:41:04	37.5
126	966	504007.360	5853303.960	Force 2 Variable	16/11/2010	09:01:29	28.9
127	964	508001.090	5854215.400	Force 2 Variable	16/11/2010	08:14:57	37.7

Station	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
128	933	485997.850	5851981.770	Force 2 - 3 NW	15/11/2010	20:44:00	38.7
129	1138	490010.290	5852003.670	Force 1 variable	21/11/2010	05:13:31	36.6
130	1135	493980.880	5852010.460	Force 1 variable	21/11/2010	03:59:56	40.3
131	946	498006.480	5851995.770	Force 2 - 3 NW	16/11/2010	02:11:14	37
132	967	502016.190	5851978.880	Force 2 Variable	16/11/2010	09:23:57	38.3
133	965	505992.270	5851994.990	Force 2 Variable	16/11/2010	08:41:11	38.1
134	935	483996.790	5850004.360	Force 2 - 3 NW	15/11/2010	21:27:28	39.1
135	932	487991.860	5850191.170	Force 2 - 3 NW	15/11/2010	20:21:37	37.7
136	943	492032.100	5849412.970	Force 2 - 3 NW	16/11/2010	00:42:27	33.4
137	945	496018.320	5850009.100	Force 2 - 3 NW	16/11/2010	01:40:43	33.5
138	969	500006.990	5849996.660	Force 2 Variable	16/11/2010	09:54:53	37.3
139	974	504005.580	5849989.250	Force 2 Variable	16/11/2010	11:55:25	30.4
140	936	485999.960	5847456.530	Force 2 - 3 NW	15/11/2010	21:55:51	39.7
141	942	490012.350	5848010.440	Force 2 - 3 NW	16/11/2010	00:18:00	37.1
142	944	494010.430	5847990.040	Force 2 - 3 NW	16/11/2010	01:10:58	40.3
143	970	498001.690	5848618.760	Force 2 Variable	16/11/2010	10:17:18	38.3
144	973	502016.670	5847988.130	Force 2 Variable	16/11/2010	11:32:53	36.2
145	937	483987.880	5846002.240	Force 2 - 3 NW	15/11/2010	22:22:16	39.1
146	939	488031.050	5845995.510	Force 2 - 3 NW	15/11/2010	23:07:01	37
147	941	492035.870	5845993.430	Force 2 - 3 NW	15/11/2010	23:51:29	35.1
148	971	496035.670	5846946.690	Force 2 Variable	16/11/2010	10:41:28	36.6
149	972	500005.150	5845995.640	Force 2 Variable	16/11/2010	11:13:07	39.4
150	982	503991.040	5846016.450	Force 2 Variable	16/11/2010	13:08:46	29.9
151	938	485979.550	5843992.660	Force 2 - 3 NW	15/11/2010	22:47:13	39.6
152	940	490015.760	5843972.390	Force 2 - 3 NW	15/11/2010	23:32:06	34.1
153	990	494004.960	5843995.260	Force 2 Variable	16/11/2010	15:37:45	40.8
154	986	498005.420	5844008.800	Force 2 Variable	16/11/2010	14:38:45	37.9
155	983	501989.710	5844025.190	Force 2 Variable	16/11/2010	13:36:48	36.6
156	844	484021.730	5842012.320	Force 3 WNW	15/11/2010	11:26:35	40.4
157	907	488000.950	5841993.900	Force 2 - 3 NW	15/11/2010	17:23:51	41.5
158	991	491985.900	5841990.680	Force 2 Variable	16/11/2010	16:03:36	33.4
159	989	495997.150	5842019.190	Force 2 Variable	16/11/2010	15:12:52	35.5
160	985	500010.630	5842000.610	Force 2 Variable	16/11/2010	14:11:22	39.4
161	845	486028.350	5840018.930	Force 3 WNW	15/11/2010	11:51:20	43.2
162	900	490008.510	5839727.330	Force 3 WNW	15/11/2010	15:26:49	47.6
163	992	493986.920	5839984.600	Force 2 Variable	16/11/2010	16:32:25	42.3
164	1260	498003.780	5839965.840	Force 3 NE	20/12/2010	07:11:00	38.7
165	995	484007.830	5837998.590	Force 2 Variable	16/11/2010	18:24:12	42.3
166	906	487987.440	5837997.020	Force 2 - 3 NW	15/11/2010	16:41:44	44.5
167	993	491982.960	5837995.130	Force 2 Variable	16/11/2010	17:02:31	29.4
168	1259	495997.300	5837988.510	Force 3 NE	20/12/2010	06:35:59	35.1
169	1261	500009.720	5837995.250	Force 3 NE	20/12/2010	07:56:48	40.7
170	1251	485980.310	5835995.080	Force 3 NE	20/12/2010	03:22:55	41.7
171	994	490003.690	5835993.080	Force 2 Variable	16/11/2010	17:36:05	43.1
172	1258	494039.580	5835991.130	Force 3 NE	20/12/2010	06:02:27	45.3
173	1262	498020.950	5835983.790	Force 3 NE	20/12/2010	08:24:16	39.1
174	1252	483986.060	5833984.690	Force 3 NE	20/12/2010	03:58:56	40.7
175	1256	488030.610	5833962.790	Force 3 NE	20/12/2010	04:49:03	44.9
176	1257	492027.580	5834004.030	Force 3 NE	20/12/2010	05:24:24	30.9
177	1263	495996.800	5833995.000	Force 3 NE	20/12/2010	08:51:59	33.7
178	1269	485995.700	5831997.220	Force 1 variable	20/12/2010	11:25:04	43.8
179	1267	490011.430	5831991.270	Force 1 variable	20/12/2010	10:27:31	44
180	1264	494007.350	5831983.040	Force 3 NE	20/12/2010	09:19:03	40.8
181	1270	483998.330	5829987.850	Force 1 variable	20/12/2010	11:55:35	41.7
182	1268	487983.340	5829992.760	Force 1 variable	20/12/2010	10:55:45	45.1
183	1265	492004.020	5829990.900	Force 1 variable	20/12/2010	09:45:08	33.9
184	1271	486001.830	5828024.400	Force 1 variable	20/12/2010	12:29:10	45.6
185	1275	489996.270	5828018.230	Force 1 variable	20/12/2010	14:25:25	45.2
186	1276	494007.610	5828032.640	Force 1 variable	20/12/2010	14:58:23	38.7
187	1272	483998.040	5826010.960	Force 1 variable	20/12/2010	13:02:45	38.5
188	1274	487987.410	5826031.810	Force 1 variable	20/12/2010	13:57:30	43.2
189	1278	492023.330	5826001.790	Force 3 NE	20/12/2010	15:38:40	37.6
190	1273	485974.080	5824049.680	Force 1 variable	20/12/2010	13:32:34	44.7
191	1279	489992.480	5824001.620	Force 3 NE	20/12/2010	16:06:35	42
192	1290	483993.670	5821999.690	Force 3 - 4 SSE	20/12/2010	22:00:48	44.7
193	1280	487982.260	5822005.980	Force 3 NE	20/12/2010	16:33:24	41.8

Station	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
194	1289	485996.510	5819993.860	Force 3 - 4 SSE	20/12/2010	21:31:44	40.4
195	1281	489979.370	5820003.640	Force 3 NE	20/12/2010	17:01:33	45
196	1288	483989.890	5817987.750	Force 3 - 4 NE	20/12/2010	20:58:03	50
197	1282	488011.580	5817982.980	Force 3 NE	20/12/2010	17:35:09	45.4
198	1284	486014.210	5816007.030	Force 3 NE	20/12/2010	18:32:04	43.7
199	1287	483975.510	5815552.990	Force 3 - 4 NE	20/12/2010	20:26:55	49.8
200	1285	485991.660	5811980.760	Force 3 NE	20/12/2010	19:10:32	43.8
201	1286	484001.040	5811085.870	Force 3 - 4 NE	20/12/2010	19:39:10	42.2
208	1408	461024.630	5869018.160	Force 3 - 4 WNW	27/12/2010	01:50:37	37.7
211	1407	458008.720	5867488.480	Force 3 - 4 WNW	27/12/2010	01:20:18	35
212	1409	463028.470	5867010.810	Force 3 - 4 WNW	27/12/2010	02:19:13	36.7
215	1402	457012.210	5864691.810	Force 3 WNW	26/12/2010	23:07:08	47.2
216	1406	461007.440	5865014.570	Force 3 - 4 WNW	27/12/2010	00:38:48	40
217	1410	464999.260	5865034.990	Force 3 - 4 WNW	27/12/2010	02:56:31	37.7
218	2170	468975.940	5864971.520	Force 2 - 3 NNE	07/01/2011	09:32:08	38.2
219	1369	452020.700	5862972.000	Force 4 NW	26/12/2010	20:47:17	44.7
220	1366	454993.510	5862774.010	Force 4 NW	26/12/2010	19:34:29	46.9
221	1405	458016.860	5862994.250	Force 3 - 4 WNW	27/12/2010	00:01:48	39.6
222	1329	463008.470	5863392.720	Force 4 - 5 NE	21/12/2010	19:27:04	41.2
223	2169	467999.520	5862818.220	Force 2 - 3 NNE	07/01/2011	09:07:05	39.9
224	2168	470984.930	5862982.740	Force 2 - 3 NNE	07/01/2011	08:40:41	40.3
226	1368	453025.490	5861016.920	Force 4 NW	26/12/2010	20:19:48	46.2
227	1326	456952.690	5861003.080	Force 4 - 5 NE	21/12/2010	17:14:25	44.4
228	1328	461009.930	5860994.650	Force 4 - 5 NE	21/12/2010	18:48:54	39.6
229	1330	465004.820	5860989.150	Force 4 - 5 NE	21/12/2010	19:58:42	40.2
230	2167	469005.380	5860992.770	Force 2 - 3 NNE	07/01/2011	08:17:03	39.1
233	1324	456028.580	5858971.990	Force 4 - 5 NE	21/12/2010	16:11:36	47.9
234	1325	457963.380	5859048.120	Force 4 - 5 NE	21/12/2010	16:45:53	43.9
235	1235	462978.020	5858966.750	Force 2 E	07/12/2010	21:32:52	41.7
236	1331	467010.160	5858988.780	Force 4 - 5 NE	21/12/2010	20:28:04	39.9
237	1332	471010.320	5858988.870	Force 4 - 5 NE	21/12/2010	21:09:46	38.5
238	1242	445985.140	5856994.890	Force 3 NE	08/12/2010	00:27:02	32.2
239	1241	448994.620	5856977.480	Force 3 NE	07/12/2010	23:56:20	43.5
240	1239	453002.800	5856954.430	Force 3 NE	07/12/2010	23:08:39	45.2
241	1323	456972.960	5856998.170	Force 4 - 5 NE	21/12/2010	15:49:47	46.3
242	1236	461005.790	5856984.930	Force 3 NE	07/12/2010	21:54:09	41.7
243	1234	464969.600	5856951.940	Force 2 E	07/12/2010	21:02:33	43.1
244	1231	469043.570	5856989.520	Force 2 E	07/12/2010	20:03:18	40.9
245	1244	438993.770	5855030.620	Force 3 NE	08/12/2010	01:36:32	38.8
246	1243	442985.000	5854986.490	Force 3 NE	08/12/2010	01:00:07	36.3
247	2095	447013.340	5854997.620	Force 3 - 4 NW	06/01/2011	11:22:11	26.2
248	1240	451014.620	5854984.540	Force 3 NE	07/12/2010	23:29:43	48.8
249	1238	455008.980	5855808.050	Force 3 NE	07/12/2010	22:45:38	46.7
250	1237	457998.610	5855006.160	Force 3 NE	07/12/2010	22:19:50	47.9
251	2139	463979.390	5855080.780	Force 2 - 3 SE	06/01/2011	23:20:20	41.9
252	1233	466999.730	5855002.890	Force 2 E	07/12/2010	20:34:42	41.5
253	1230	470991.390	5854996.250	Force 2 E	07/12/2010	19:34:42	39.5
254	1245	436994.850	5853014.080	Force 3 NE	08/12/2010	02:19:25	23.6
255	1249	441009.910	5852467.770	Force 4 N	08/12/2010	03:52:22	39.3
256	2097	445333.780	5852998.270	Force 3 - 4 NW	06/01/2011	11:52:59	45.3
257	2093	448994.410	5852983.190	Force 3 - 4 NW	06/01/2011	10:52:39	42.3
258	2091	453019.920	5852999.210	Force 3 - 4 NW	06/01/2011	10:10:46	49.1
259	1322	456975.270	5853017.460	Force 4 - 5 NE	21/12/2010	15:21:56	46.9
260	1321	461004.280	5852997.830	Force 4 - 5 NW	21/12/2010	14:47:42	46.6
261	2161	465006.660	5853018.010	Force 2 - 3 NNE	07/01/2011	03:17:29	41.9
262	2140	468987.340	5852987.660	Force 2 - 3 NNE	07/01/2011	00:12:36	41.5
263	1247	439001.980	5851002.200	Force 4 N	08/12/2010	03:00:55	34.6
264	2084	443017.790	5850379.540	Force 3 - 4 NW	06/01/2011	06:28:41	41.7
265	2111	446992.910	5851017.220	Force 3 W	06/01/2011	13:55:46	45.8
266	2121	450974.670	5850996.370	Force 3 W	06/01/2011	15:15:44	52
267	2090	455010.930	5850987.970	Force 3 - 4 NW	06/01/2011	09:36:00	48
268	1320	459977.310	5851159.670	Force 4 - 5 NW	21/12/2010	14:20:57	48.6
269	2137	462981.810	5851180.860	Force 2 - 3 SE	06/01/2011	22:35:46	41.3
270	2160	466962.810	5851782.560	Force 2 - 3 NNE	07/01/2011	02:54:19	42.9
271	2157	470996.530	5850623.750	Force 2 - 3 NNE	07/01/2011	01:50:31	42.1
272	1248	441008.070	5849176.340	Force 4 N	08/12/2010	03:28:05	31.4

Station	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
273	2085	445006.140	5849018.530	Force 3 - 4 NW	06/01/2011	07:00:21	45.4
274	2086	449026.670	5848995.390	Force 3 - 4 NW	06/01/2011	07:33:48	27.7
275	2089	453003.790	5849277.670	Force 3 - 4 NW	06/01/2011	09:08:52	50.6
276	1318	456978.790	5850000.050	Force 4 - 5 NW	21/12/2010	13:39:22	46.3
277	2136	460993.690	5848654.050	Force 2 - 3 SE	06/01/2011	22:03:36	50.5
278	2164	464968.260	5849014.260	Force 2 - 3 NNE	07/01/2011	04:15:37	40.5
279	2158	467991.300	5849774.490	Force 2 - 3 NNE	07/01/2011	02:20:31	44.9
280	1151	438999.880	5848147.680	Force 3 NE	21/11/2010	14:35:22	22.7
281	1148	441975.810	5845808.570	Force 3 NE	21/11/2010	13:38:46	16.9
282	1147	446964.880	5846107.730	Force 3 NE	21/11/2010	12:57:53	42.7
283	2088	451001.030	5846875.900	Force 3 - 4 NW	06/01/2011	08:37:58	46.2
284	1316	454996.810	5847514.760	Force 4 - 5 NW	21/12/2010	12:57:30	46.7
285	2083	459023.850	5847804.990	Force 4 WNW	01/01/2011	04:57:14	50.2
286	2131	463020.200	5845694.630	Force 1 - 2 variable	06/01/2011	20:37:33	50
287	2165	467998.670	5847062.680	Force 2 - 3 NNE	07/01/2011	05:00:35	48.1
288	1303	470986.940	5847009.550	Force 3 - 4 NE	21/12/2010	05:13:13	45.7
289	1150	439994.990	5845738.670	Force 3 NE	21/11/2010	14:11:45	33.6
290	1145	444979.560	5843712.870	Force 2 variable	21/11/2010	12:00:10	32.4
291	2087	449012.890	5845657.390	Force 3 - 4 NW	06/01/2011	08:08:56	44.1
293	2122	457749.070	5845018.830	Force 3 W	06/01/2011	16:35:53	48
294	2130	461031.630	5844997.300	Force 1 - 2 variable	06/01/2011	20:13:49	51.7
295	2166	464991.300	5845009.950	Force 2 - 3 NNE	07/01/2011	05:39:58	42.7
296	1304	468999.400	5844963.070	Force 3 - 4 NE	21/12/2010	05:49:23	45.6
297	1144	443022.760	5843021.470	Force 2 variable	21/11/2010	11:40:43	23
298	1146	446961.730	5843005.910	Force 3 NE	21/11/2010	12:28:45	44.7
299	1314	450996.630	5843018.700	Force 4 NE	21/12/2010	11:42:06	32.7
300	1315	454003.110	5843540.430	Force 4 - 5 NW	21/12/2010	12:28:38	49.8
301	2125	458997.910	5842991.290	Force 3 W	06/01/2011	18:10:23	50.6
302	2128	463010.550	5843014.010	Force 1 - 2 variable	06/01/2011	19:18:56	52.7
303	1305	466957.710	5843863.930	Force 3 - 4 NE	21/12/2010	06:16:19	44.2
304	1301	470990.510	5842859.880	Force 3 - 4 NE	21/12/2010	04:29:15	44.9
305	1143	445005.450	5841790.440	Force 2 variable	21/11/2010	11:23:03	23
306	1313	449800.650	5841009.150	Force 4 NE	21/12/2010	11:05:58	43.2
307	1312	453598.020	5841003.210	Force 4 NE	21/12/2010	10:34:09	52.1
308	1311	456970.790	5840989.260	Force 4 NE	21/12/2010	10:05:23	48.5
309	2126	461011.250	5842067.790	Force 1 - 2 variable	06/01/2011	18:36:13	51.7
310	1308	465013.260	5840994.030	Force 3 - 4 NE	21/12/2010	08:21:52	45.1
311	1306	468986.840	5840970.320	Force 3 - 4 NE	21/12/2010	06:55:54	44
312	820	446995.310	5838569.640	Force 2 Variable	14/11/2010	12:55:54	40.3
313	821	450995.440	5837976.100	Force 2 Variable	14/11/2010	13:31:02	38.9
314	823	455018.960	5837397.990	Force 2 Variable	14/11/2010	14:15:46	49.8
315	1310	458994.890	5838998.420	Force 4 NE	21/12/2010	09:27:40	50.7
316	1309	463005.750	5838997.200	Force 3 - 4 NE	21/12/2010	08:51:39	51.6
317	1307	466994.290	5838991.630	Force 3 - 4 NE	21/12/2010	07:50:58	45.9
318	1300	470982.990	5839013.310	Force 3 - 4 NE	21/12/2010	03:59:09	45.2
319	266	444777.020	5837007.190	Force 4-5 S	02/10/2010	08:45:02	38.9
320	819	449001.010	5837412.460	Force 2 Variable	14/11/2010	12:18:27	41.4
321	822	453002.860	5837671.700	Force 2 Variable	14/11/2010	13:54:09	46.6
322	824	457023.460	5836981.680	Force 2 Variable	14/11/2010	14:39:45	50.2
323	1297	462207.320	5837000.590	Force 3 - 4 NE	21/12/2010	02:22:06	51.3
324	1298	464990.170	5836135.870	Force 3 - 4 NE	21/12/2010	02:55:26	47.9
325	1299	468998.960	5836992.710	Force 3 - 4 NE	21/12/2010	03:31:36	42.7
326	267	447003.010	5835003.870	Force 3-4 S	02/10/2010	09:22:13	35.8
327	802	450995.020	5834990.260	Force 2 Variable	14/11/2010	10:04:01	41.3
328	800	454971.220	5835001.910	Force 2 Variable	14/11/2010	09:13:28	47.7
329	825	459007.930	5834985.600	Force 2 Variable	14/11/2010	15:06:00	49.8
330	839	463000.710	5835013.050	Force 3 - 4 NW	14/11/2010	19:04:09	50.9
331	1296	466987.350	5835000.300	Force 3 - 4 NE	21/12/2010	01:37:26	49.8
332	268	449009.110	5833009.050	Force 3-4 S	02/10/2010	09:55:15	44.3
333	801	452996.590	5832724.970	Force 2 Variable	14/11/2010	09:39:11	46.3
334	799	456690.430	5832998.640	Force 4 W	14/11/2010	08:47:55	49.9
335	826	461005.970	5832991.750	Force 2 Variable	14/11/2010	15:37:05	51.8
336	842	465008.290	5833010.080	Force 3 - 4 NW	14/11/2010	19:52:21	48.4
337	1295	469009.140	5833032.550	Force 3 - 4 NE	21/12/2010	01:10:40	45
338	269	449998.750	5831063.510	Force 3-4 S	02/10/2010	10:26:50	44.1
339	753	454998.450	5831594.810	Force 4 N	07/11/2010	01:23:15	48.3

Station	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
340	798	458971.890	5831003.220	Force 4 W	14/11/2010	08:24:52	51.7
341	827	463016.510	5830989.200	Force 2 Variable	14/11/2010	16:07:18	51.9
342	843	467016.130	5831015.930	Force 3 - 4 NW	14/11/2010	20:25:11	51.3
343	270	448992.870	5829824.470	Force 3-4 S	02/10/2010	10:51:45	42.7
344	752	452981.550	5829017.570	Force 4 N	07/11/2010	00:50:50	45.4
345	790	456987.710	5828982.950	Force 3 S	14/11/2010	03:26:57	48.4
346	797	460990.740	5829007.610	Force 4 W	14/11/2010	08:01:37	52.1
347	828	465019.710	5828996.060	Force 2 Variable	14/11/2010	16:44:42	48.2
348	1294	468988.430	5829016.520	Force 3 - 4 NE	21/12/2010	00:37:26	44.7
349	751	450976.370	5827007.660	Force 4 N	07/11/2010	00:15:13	45
350	789	454972.670	5826985.340	Force 3 S	14/11/2010	02:52:19	47.4
351	791	458974.730	5826987.600	Force 3 S	14/11/2010	03:56:24	43.6
352	796	463000.090	5827002.440	Force 4 W	14/11/2010	07:31:35	52.7
353	1293	466996.700	5826974.940	Force 3 - 4 NE	21/12/2010	00:03:54	48.8
355	749	452963.710	5825263.850	Force 4 N	06/11/2010	23:37:12	42.8
356	788	456999.770	5824982.510	Force 3 S	14/11/2010	02:18:52	46
357	792	460996.450	5825007.050	Force 3 S	14/11/2010	04:43:21	50.9
358	795	465001.190	5824993.150	Force 4 W	14/11/2010	06:50:16	48.8
359	1291	468968.860	5825037.530	Force 3 - 4 SSE	20/12/2010	23:35:03	49.7
360	748	451006.430	5822994.030	Force 4 N	06/11/2010	23:11:54	44.5
361	745	455016.880	5823011.110	Force 4 N	06/11/2010	22:22:31	51.5
362	787	459004.970	5822988.040	Force 3 S	14/11/2010	01:43:42	50.8
363	793	463006.850	5823004.180	Force 3 S	14/11/2010	05:20:15	53.1
364	775	467006.820	5823031.970	Force 2 variable	13/11/2010	23:07:01	49.1
365	736	450528.810	5820969.390	Force 2 NNE	06/11/2010	18:05:16	40.4
366	747	453003.610	5821019.330	Force 4 N	06/11/2010	22:48:41	46.7
367	744	456998.620	5820984.560	Force 4 N	06/11/2010	21:50:37	49.5
368	786	461003.260	5820980.800	Force 3 S	14/11/2010	01:10:04	51.3
369	794	465011.370	5821017.410	Force 3 S	14/11/2010	06:09:23	49.3
370	773	468998.800	5820998.920	Force 2 variable	13/11/2010	22:37:00	49.2
371	738	450997.530	5818993.080	Force 2 NNE	06/11/2010	18:39:34	44.9
372	740	455003.280	5818985.500	Force 4 N	06/11/2010	19:49:37	48.6
373	743	458999.140	5818992.000	Force 4 N	06/11/2010	21:22:14	51.1
374	785	462995.440	5818474.570	Force 3 S	14/11/2010	00:34:44	52.1
375	771	466995.790	5818989.670	Force 2 variable	13/11/2010	22:05:32	50
377	739	452998.920	5816996.650	Force 2 NNE	06/11/2010	19:09:53	45.4
378	742	457056.630	5816984.110	Force 4 N	06/11/2010	20:54:11	46.6
379	766	460968.960	5817648.330	Force 2 variable	13/11/2010	20:16:16	49.4
380	768	464976.460	5816991.880	Force 2 variable	13/11/2010	20:59:29	49.5
381	770	468987.180	5817005.830	Force 2 variable	13/11/2010	21:42:14	47.5
384	741	459006.040	5816040.090	Force 4 N	06/11/2010	20:27:14	51.5
385	767	462995.790	5816162.150	Force 2 variable	13/11/2010	20:38:53	52.4
386	769	466966.980	5816165.220	Force 2 variable	13/11/2010	21:20:16	48.9
388	564	452963.250	5813016.450	Force 5 SE	31/10/2010	09:23:33	44.2
389	566	456978.840	5813009.800	Force 5 SE	31/10/2010	10:12:51	52
390	568	460970.230	5812992.240	Force 5 SE	31/10/2010	11:00:30	47.3
391	570	464992.820	5812793.900	Force 5 S	31/10/2010	11:53:53	48
392	573	468985.450	5812746.750	Force 5 S	31/10/2010	13:02:33	47.9
393	1726	451023.270	5810044.380	Force 1 variable	30/12/2010	08:21:39	43
394	565	454965.050	5812649.420	Force 5 SE	31/10/2010	09:49:52	47.5
395	567	458976.860	5812305.070	Force 5 SE	31/10/2010	10:37:23	47.3
396	569	462991.840	5812033.770	Force 5 S	31/10/2010	11:23:34	48.8
397	572	466977.200	5811747.820	Force 5 S	31/10/2010	12:30:29	46.2
398	10	444776.000	5807804.000	Force 2	21/09/2010	02:51:31	32.4
399	13	449011.000	5808978.000	Force 2	21/09/2010	03:47:00	40.7
400	563	452966.650	5808488.250	Force 5 SE	31/10/2010	08:49:46	49.3
401	559	457009.530	5809014.020	Force 4 - 5 SE	31/10/2010	06:26:15	48.2
402	556	460994.180	5809004.590	Force 5 - 6 SSW	31/10/2010	04:47:34	48.1
403	553	464988.370	5808859.010	Force 5 - 6 SSW	31/10/2010	03:09:09	47.2
404	550	468991.130	5808632.120	Force 5 - 6 SSW	31/10/2010	01:41:31	49.3
406	8	438979.000	5806979.000	Force 2	21/09/2010	01:15:00	42.7
407	9	443000.000	5807039.000	Force 2	21/09/2010	02:20:00	39.7
408	15	447021.000	5806985.000	Force 2	21/09/2010	05:15:00	39.8
409	1730	452026.870	5807277.310	Force 1 - 2 variable	30/12/2010	09:46:56	45.8
410	560	455004.430	5807020.890	Force 4 - 5 SE	31/10/2010	07:21:42	48.2
411	557	459004.970	5807010.650	Force 5 - 6 SSW	31/10/2010	05:24:16	48.2

Station	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
412	554	462999.140	5806986.200	Force 5 - 6 SSW	31/10/2010	03:43:51	49.8
413	551	466997.930	5806986.110	Force 5 - 6 SSW	31/10/2010	02:22:31	46.5
414	2	429018.140	5805339.490	Force 3-4 NW	20/09/2010	22:14:43	35.1
415	1508	433025.220	5804829.310	Force 2 variable	29/12/2010	10:53:11	34.7
416	7	437010.780	5804687.880	Force 3-4 NW	21/09/2010	00:33:49	35.7
417	18	441007.000	5804222.000	Force 2	21/09/2010	07:10:00	26.9
418	16	444992.000	5805798.000	Force 2	21/09/2010	05:47:00	42.2
419	14	450007.000	5805375.000	Force 2	21/09/2010	04:27:00	44.7
420	561	453963.250	5806175.700	Force 5 SE	31/10/2010	08:19:57	49.7
421	558	456992.620	5806188.180	Force 4 - 5 SE	31/10/2010	06:00:01	50.9
422	555	460981.470	5806305.990	Force 5 - 6 SSW	31/10/2010	04:15:15	42.8
423	547	464991.510	5804176.210	Force 5 SW	30/10/2010	15:18:48	46.8
424	548	469007.380	5806401.290	Force 5 SW	30/10/2010	16:04:44	48.2
425	45	426003.170	5801765.430	Force 2	21/09/2010	17:15:29	29.8
426	4	431017.010	5804270.700	Force 3-4 NW	20/09/2010	23:02:36	35.4
427	6	434985.420	5803498.680	Force 3-4 NW	20/09/2010	23:37:56	37.5
428	136	439006.450	5802987.810	Force 4 SE	29/09/2010	13:00:12	46.9
429	19	442930.700	5802984.000	Force 2	21/09/2010	08:30:00	39.1
430	20	446997.040	5802956.010	Force 2	21/09/2010	09:08:20	30.8
431	22	450977.000	5802999.000	Force 2	21/09/2010	09:47:00	31.7
432	62	454988.170	5802999.920	Force 1 S	22/09/2010	03:03:23	43.7
433	545	459002.120	5802979.250	Force 4 SW	30/10/2010	14:10:18	47.3
434	546	462979.230	5803011.700	Force 4 SW	30/10/2010	14:46:08	51.6
435	47	428988.250	5800984.930	Force 2	21/09/2010	17:48:00	32.4
436	53	432995.930	5800964.330	Force 2 W	21/09/2010	21:42:26	36.8
437	52	436970.800	5800970.060	Force 2 W	21/09/2010	21:10:56	40.8
438	54	440982.150	5801011.370	Force 2 W	21/09/2010	22:42:39	37.1
439	32	444995.000	5801162.000	Force 2	21/09/2010	10:51:00	37.2
440	24	448994.000	5801006.000	Force 2	21/09/2010	10:16:00	39.6
441	60	454001.340	5801158.920	Force 2-3 SW	22/09/2010	02:25:38	43.7
442	63	457015.480	5800992.790	Force 2 SW	22/09/2010	04:53:35	46.7
443	544	461002.620	5800983.140	Force 4 SW	30/10/2010	13:38:28	44.3
444	543	464995.880	5800979.040	Force 4 SW	30/10/2010	13:00:10	43.4
445	44	427032.970	5798167.280	Force 2	21/09/2010	16:22:20	32.4
446	48	430982.150	5798982.340	Force 2 W	21/09/2010	18:13:26	36.3
447	135	434990.610	5798971.260	Force 4 SE	29/09/2010	12:04:54	45.0
448	1529	438996.090	5799092.280	Force 1 variable	29/12/2010	13:22:58	39
449	35	443008.960	5799007.990	Force 2	21/09/2010	11:22:46	42.7
450	55	446007.510	5799040.330	Force 2-3 SW	21/09/2010	23:40:16	35.7
451	57	451040.950	5799031.260	Force 2-3 SW	22/09/2010	00:49:06	54.7
452	59	454973.160	5799026.690	Force 2-3 SW	22/09/2010	01:43:51	48.7
453	64	458999.580	5798985.040	Force 2 SW	22/09/2010	05:21:46	42.7
454	542	462982.100	5798980.750	Force 5 SSW	30/10/2010	12:23:19	50.2
455	41	425014.340	5796989.160	Force 2	21/09/2010	15:41:55	27
456	49	428714.630	5797004.790	Force 2 W	21/09/2010	18:39:50	30.8
457	1491	432998.570	5796626.120	Force 2 - 3 S	29/12/2010	07:25:29	35.4
458	51	437179.190	5797000.430	Force 2 W	21/09/2010	20:29:29	38
459	36	440977.500	5797030.620	Force 2	21/09/2010	12:03:52	42.7
460	1577	444979.290	5796832.880	Force 1 variable	29/12/2010	19:15:15	37.9
461	56	448984.220	5796997.870	Force 2-3 SW	22/09/2010	00:19:13	55.7
462	58	453032.310	5797027.140	Force 2-3 SW	22/09/2010	01:18:09	58.7
463	65	457004.400	5796989.840	Force 2 SW	22/09/2010	05:47:45	43.3
464	541	461019.220	5797652.870	Force 4 NW	18/10/2010	04:29:17	49
465	1462	426994.300	5795407.670	Force 2 - 3 SW	29/12/2010	02:27:25	28.7
466	50	430984.890	5794777.940	Force 2 W	21/09/2010	19:33:06	32.4
467	38	435971.500	5794004.550	Force 2	21/09/2010	13:51:40	34.7
468	37	438998.250	5795052.910	Force 2	21/09/2010	12:46:54	38.7
469	77	443007.800	5795008.910	Force 1-2	22/09/2010	13:26:58	39.7
470	69	447934.170	5794991.740	Force 1-2	22/09/2010	08:03:58	52.5
471	67	451028.640	5795723.680	Force 1-2	22/09/2010	06:48:38	56.8
472	66	453969.240	5794712.190	Force 2 SW	22/09/2010	06:14:36	52.9
473	40	424990.840	5792982.590	Force 2	21/09/2010	15:09:47	25.7
474	39	428960.270	5792986.960	Force 2	21/09/2010	14:36:52	40.7
475	1459	433000.120	5793109.600	Force 2 - 3 SW	29/12/2010	00:55:59	36.2
476	71	445021.270	5792979.970	Force 1-2	22/09/2010	09:13:55	38.6
477	68	448968.550	5793833.900	Force 1-2	22/09/2010	07:24:08	54.3

Station	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
478	138	452957.120	5792106.490	Force 4 SE	29/09/2010	15:17:46	53.6
479	78	443027.850	5790998.350	Force 1-2	22/09/2010	14:17:35	39.7
480	70	446998.400	5791872.800	Force 1-2	22/09/2010	08:32:14	52.7
481	137	450992.790	5791004.380	Force 4 SE	29/09/2010	14:52:51	52.7
482	140	454983.240	5791186.400	Force 4 SE	29/09/2010	15:57:16	44.6
483	79	447000.350	5789620.680	Force 1-2	22/09/2010	14:56:49	50.6
484	81	448984.130	5788010.690	Force 1-2	22/09/2010	16:09:55	55
485	141	452989.710	5788718.570	Force 4 SE	29/09/2010	16:26:54	57.0
487	83	443013.320	5785990.440	Force 3-4 S	22/09/2010	17:59:28	44.5
488	82	447000.320	5786992.760	Force 3-4 S	22/09/2010	17:21:45	46.3
489	142	450983.170	5786988.420	Force 4 SE	29/09/2010	17:16:14	57.0
490	143	454993.770	5787002.720	Force 4 SE	29/09/2010	17:48:57	52.0
491	84	440986.950	5784998.440	Force 3-4 S	22/09/2010	18:26:55	45.5
492	86	444974.100	5783810.210	Force 3-4 S	22/09/2010	19:55:26	39.5
493	147	449042.860	5785020.800	Force 4 SSE	29/09/2010	19:36:31	52.9
494	146	453004.760	5785050.120	Force 4 SE	29/09/2010	19:06:01	51.0
495	145	457022.100	5785017.920	Force 4 SE	29/09/2010	18:32:54	44.0
496	85	443002.590	5783997.170	Force 3-4 S	22/09/2010	19:00:34	42.8
497	87	446995.610	5782986.620	Force 4 SSW	22/09/2010	20:27:12	43.8
498	148	450996.830	5782993.300	Force 4 SSE	29/09/2010	20:06:18	53.5
499	149	454958.470	5783017.150	Force 4 SSE	29/09/2010	20:38:05	52.8
501	89	440992.530	5781002.280	Force 4 SSW	22/09/2010	21:37:38	44.9
502	88	445007.080	5780997.640	Force 4 SSW	22/09/2010	20:55:35	43.1
503	154	449005.750	5780977.670	Force 4 SSE	29/09/2010	23:16:18	52.6
504	152	453005.490	5780994.660	Force 4 SSE	29/09/2010	22:11:52	49.3
505	150	456998.680	5781004.470	Force 4 SSE	29/09/2010	21:16:30	48.0
506	90	443994.410	5779028.010	Force 4 SSW	22/09/2010	22:10:23	43.6
507	155	446975.580	5778974.980	Force 4 SSE	29/09/2010	23:46:47	41.5
508	153	450989.870	5778994.410	Force 4 SSE	29/09/2010	22:38:17	53.4
509	151	455005.300	5778994.520	Force 4 SSE	29/09/2010	21:45:21	51.7
510	212	458989.460	5778990.430	Force 2 W	30/09/2010	16:25:47	51.7
511	91	441036.280	5777000.320	Force 4 SSW	22/09/2010	22:44:02	44.5
512	156	444991.940	5776986.130	Force 3-4 SE	30/09/2010	00:17:03	41.7
513	158	449008.330	5776983.970	Force 3-4 SE	30/09/2010	01:23:25	59.7
514	210	453030.200	5777018.720	Force 2 W	30/09/2010	15:37:23	51.0
515	211	457012.610	5776993.300	Force 2 W	30/09/2010	16:04:43	54.0
516	215	461599.610	5776988.510	Force 2 W	30/09/2010	17:49:38	45.7
517	95	443009.770	5774313.950	Force 3-4	23/09/2010	00:23:07	43.7
518	157	447023.750	5774992.520	Force 3-4 SE	30/09/2010	00:46:02	47.7
519	159	450995.270	5774988.520	Force 3-4 SE	30/09/2010	01:53:28	53.7
520	208	455031.360	5774994.430	Force 2 W	30/09/2010	15:13:34	46.0
521	204	459034.220	5774285.450	Force 3 W	30/09/2010	13:30:44	48.2
522	94	441012.210	5774547.280	Force 4 SSW	23/09/2010	00:00:17	44.7
523	706	445507.720	5773004.090	Force 4 NNW	01/11/2010	15:10:35	43.1
524	172	449015.980	5772990.460	Force 4 SW	30/09/2010	04:41:49	49.7
525	207	452995.840	5772983.010	Force 2 W	30/09/2010	14:50:11	53.8
526	205	457025.810	5772975.710	Force 3 W	30/09/2010	13:55:29	49.1
527	198	460997.910	5772539.750	Force 3 W	30/09/2010	11:29:00	47.1
528	100	443018.150	5771024.820	Force 4 SW	23/09/2010	02:20:28	39.7
529	96	446981.950	5771024.880	Force 4 SW	23/09/2010	01:09:57	45.7
530	173	451004.140	5770991.490	Force 4 SW	30/09/2010	05:12:05	52.7
531	206	455007.610	5770997.720	Force 3 W	30/09/2010	14:22:02	51.7
532	197	458989.700	5771005.790	Force 3 W	30/09/2010	10:58:25	48.1
534	103	442011.910	5768974.050	Force 4 SSW	23/09/2010	03:19:29	40.7
535	98	445024.480	5769011.850	Force 4 SW	23/09/2010	01:44:23	38.7
536	174	448998.130	5769010.230	Force 4 SW	30/09/2010	05:45:00	52.7
537	176	453032.500	5768980.480	Force 3 SSW	30/09/2010	07:03:52	53.7
538	196	457043.380	5768406.530	Force 3 W	30/09/2010	10:19:54	37.2
539	124	460997.410	5769014.260	Force 5 S	23/09/2010	12:53:53	49
540	126	465006.110	5769009.440	Force 5 S	23/09/2010	13:54:13	48.7
541	735	442992.440	5766761.600	Force 4 NNW	01/11/2010	19:16:51	39.6
542	107	447013.890	5767012.820	Force 4 SSW	23/09/2010	05:20:19	44.7
543	175	451012.980	5767004.000	Force 4 SW	30/09/2010	06:15:02	61.7
544	177	454991.030	5766992.470	Force 3 SSW	30/09/2010	07:48:55	59.2
545	123	459003.330	5767013.150	Force 5 S	23/09/2010	12:22:31	51
546	121	463005.720	5766102.580	Force 5 S	23/09/2010	11:12:07	46.8



Station	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
547	105	441040.520	5764330.420	Force 4 SSW	23/09/2010	04:19:04	42.7
548	106	444996.010	5765007.610	Force 4 SSW	23/09/2010	04:52:30	37.7
549	108	449011.680	5765002.250	Force 4-5 SSW	23/09/2010	05:52:37	52.8
550	111	452994.740	5765000.630	Force 4-5 SSW	23/09/2010	07:26:30	62.3
551	114	456966.600	5764997.560	Force 4-5 SSW	23/09/2010	08:45:16	48.8
552	122	461008.210	5765026.910	Force 5 S	23/09/2010	11:43:11	49
554	109	447003.710	5763003.160	Force 4-5 SSW	23/09/2010	06:16:22	46.3
555	110	451029.390	5762969.240	Force 4-5 SSW	23/09/2010	06:54:23	55.6
556	113	455016.590	5762970.050	Force 4-5 SSW	23/09/2010	08:12:00	45.3
557	118	459018.870	5762981.980	Force 5-6 S	23/09/2010	09:41:42	51.6
558	120	462997.610	5763000.890	Force 5-6 S	23/09/2010	10:39:17	47.3
559	119	461011.590	5761029.330	Force 5-6 S	23/09/2010	10:07:04	50.6
561	272	466993.990	5802991.730	Force 4 SW	04/10/2010	10:30:04	44.5
566	276	469058.910	5801029.330	Force 2 ESE	04/10/2010	13:33:59	44.0
571	305	467005.100	5799243.670	Force 2 SE	04/10/2010	18:08:23	48.2
577	349	464982.750	5796984.840	Force 3 SW	05/10/2010	05:05:53	43.5
579	309	468981.720	5797000.990	Force 2 SE	04/10/2010	19:19:47	43.6
585	358	458980.700	5794762.800	Force 5 SW	06/10/2010	20:38:13	40.9
589	339	466995.250	5795018.320	Force 3 SW	05/10/2010	01:33:31	51.1
599	371	457005.360	5793015.970	Force 5 SW	06/10/2010	23:26:42	45.9
601	355	461000.420	5793011.270	Force 4-5 SW	05/10/2010	07:19:55	42.7
616	400	462967.170	5790996.390	Force 2 SW	07/10/2010	07:53:22	42.2
618	377	466997.910	5791011.110	Force 5 SW	07/10/2010	02:38:18	43.5
630	397	464993.530	5788984.330	Force 2 SW	07/10/2010	06:53:51	44.5
632	380	468982.840	5789159.140	Force 2 SW	07/10/2010	03:35:15	41.3
640	459	458992.820	5786854.810	Force 5 NE	13/10/2010	03:46:41	40.7
642	466	462969.980	5787007.500	Force 4 NW	17/10/2010	13:15:16	46
644	513	467006.890	5786987.260	Force 4 NW	17/10/2010	21:46:29	42.4
653	456	460962.150	5785001.460	Force 5 NE	13/10/2010	02:32:45	42.9
655	476	464974.280	5784985.490	Force 4 NW	17/10/2010	17:38:26	42.7
657	516	468998.460	5784988.780	Force 4 NW	17/10/2010	22:27:52	42.7
664	470	462962.650	5782985.250	Force 4 NW	17/10/2010	15:09:29	43.7
666	257	466973.290	5782992.860	Force 3-4 SW	01/10/2010	04:13:00	43.7
673	468	460978.900	5780990.660	Force 4 NW	17/10/2010	14:23:02	38.5
675	262	465014.380	5781018.450	Force 3-4 SW	01/10/2010	05:30:25	46.7
677	248	469000.040	5780986.360	Force 3 SW	01/10/2010	02:10:00	42.7
683	239	462988.140	5778994.150	Force 2 W	30/09/2010	23:07:02	47.3
685	242	466993.510	5778977.370	Force 3 SW	01/10/2010	00:14:16	44.7
692	237	464998.030	5777263.670	Force 2 W	30/09/2010	22:19:07	45.6
694	244	469014.180	5777643.480	Force 3 SW	01/10/2010	00:56:25	43.7
701	221	466970.210	5775037.840	Force 2 W	30/09/2010	19:49:36	44.4
707	200	465010.050	5772987.820	Force 3 W	30/09/2010	12:21:11	45.7
712	129	466995.500	5770488.750	Force 5 S	23/09/2010	14:51:11	39
713	658	463982.220	5769999.410	Force 2 variable	01/11/2010	00:34:09	48
738	762	429010.280	5801872.610	Force 2 variable	13/11/2010	16:32:13	30
739	1461	430983.960	5795553.630	Force 2 - 3 SW	29/12/2010	01:56:50	35.7
740	1492	430995.870	5797885.440	Force 2 - 3 S	29/12/2010	07:52:15	32.1
741	1460	431002.650	5796039.060	Force 2 - 3 SW	29/12/2010	01:36:59	38.2
742	1501	433009.450	5802877.480	Force 2 variable	29/12/2010	10:11:04	34.9
743	1486	432986.380	5792053.120	Force 2 S	29/12/2010	06:23:29	42.7
744	1458	432992.090	5792257.710	Force 2 - 3 SW	29/12/2010	00:37:04	37.9
745	1490	433002.390	5796373.220	Force 2 - 3 S	29/12/2010	07:14:30	37.4
746	1531	441004.350	5803675.620	Force 1 variable	29/12/2010	14:25:01	48.8
747	1615	458024.310	5800230.120	Force 1 variable	30/12/2010	00:21:05	50.6
748	1778	458966.300	5762350.670	Force 1 variable	30/12/2010	19:41:01	52.4
749	1769	460018.200	5763501.920	Force 1 variable	30/12/2010	18:58:49	51.2
750	1728	453667.060	5809082.110	Force 1 variable	30/12/2010	08:59:38	51.1
751	1599	451846.680	5801033.840	Force 1 variable	29/12/2010	22:22:15	57
753	1755	439793.390	5769028.340	Force 1 variable	30/12/2010	15:57:14	42.7
755	707	450174.600	5765024.950	Force 4 NNW	01/11/2010	16:04:19	57.8
756	728	442587.370	5765044.240	Force 4 NNW	01/11/2010	18:34:17	41.7
757	719	440008.000	5762621.870	Force 4 NNW	01/11/2010	17:41:36	45.9
758	1530	441943.000	5801787.200	Force 1 variable	29/12/2010	13:57:21	31.8
759	1585	442876.110	5800698.730	Force 1 variable	29/12/2010	20:22:08	46.7
760	1586	443993.140	5800428.420	Force 1 variable	29/12/2010	20:36:28	42
762	1576	444985.190	5794048.660	Force 1 variable	29/12/2010	18:12:45	37.3

Station	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
763	1575	444996.210	5793793.930	Force 1 variable	29/12/2010	18:04:31	37.5
764	1744	444996.250	5781978.500	Force 1 variable	30/12/2010	14:15:24	42.7
765	705	447000.980	5777302.460	Force 4 NNW	01/11/2010	14:32:55	42.2
766	1725	448989.880	5810215.960	Force 1 variable	30/12/2010	07:58:53	41.6
767	1734	451030.240	5805307.600	Force 1 - 2 variable	30/12/2010	10:56:47	49.3
768	1729	453013.150	5807291.420	Force 1 - 2 variable	30/12/2010	09:29:08	55.2
769	1733	453001.050	5806739.620	Force 1 - 2 variable	30/12/2010	10:30:11	53.4
770	1735	453927.150	5802622.560	Force 1 - 2 variable	30/12/2010	11:32:05	44.8
771	1736	454060.300	5802130.050	Force 1 - 2 variable	30/12/2010	11:45:16	44.1
772	432	454992.200	5792895.860	Force 2 SW	07/10/2010	13:02:58	51.2
773	588	454997.150	5788816.040	Force 4 ESE	31/10/2010	16:19:28	44
774	1727	451990.900	5809779.150	Force 1 variable	30/12/2010	08:36:56	42
775	1724	452017.470	5812048.600	Force 1 variable	30/12/2010	07:24:34	47.1
777	1897	461950.530	5833800.060	Force 2 NW	31/12/2010	12:37:07	49.8
778	1908	462993.190	5836394.630	Force 2 NW	31/12/2010	13:29:12	52.7
779	784	463972.970	5819550.070	Force 3 S	14/11/2010	00:13:36	49.3
780	1929	467962.650	5837835.200	Force 2 NW	31/12/2010	15:04:49	45.2
781	1928	468041.970	5837853.630	Force 2 NW	31/12/2010	14:55:27	44.7
782	837	466776.120	5829011.710	Force 2 Variable	14/11/2010	17:45:56	49.8
785	1403	457025.360	5863311.650	Force 3 WNW	26/12/2010	23:26:25	41.1
786	1404	457022.700	5863021.330	Force 3 WNW	26/12/2010	23:45:09	41.8
787	1361	457000.200	5862426.840	Force 4 NW	26/12/2010	17:55:50	41.5
788	2123	459012.770	5845662.770	Force 3 W	06/01/2011	16:55:07	49.5
789	2124	459025.360	5844842.190	Force 3 W	06/01/2011	17:13:24	50.2
792	2129	461021.530	5843607.460	Force 1 - 2 variable	06/01/2011	19:46:04	53
793	1939	461018.120	5838280.560	Force 2 NW	31/12/2010	16:27:34	51.6
794	2135	462985.770	5848546.600	Force 2 - 3 SE	06/01/2011	21:39:55	50.9
795	2134	462984.320	5848367.300	Force 2 - 3 SE	06/01/2011	21:28:32	49.8
796	2133	463013.630	5847684.280	Force 2 - 3 SE	06/01/2011	21:14:03	50.5
797	2132	463000.330	5846603.260	Force 1 - 2 variable	06/01/2011	20:55:05	50
798	2127	463032.970	5842018.680	Force 1 - 2 variable	06/01/2011	18:58:47	52
801	2156	471014.550	5849866.860	Force 2 - 3 NNE	07/01/2011	01:35:16	43.8
802	2109	440985.360	5850904.590	Force 3 W	06/01/2011	12:58:02	40.6
803	2120	450998.480	5850494.870	Force 3 W	06/01/2011	14:55:06	52.7
804	2080	453014.220	5847335.710	Force 3 - 4 NW	01/01/2011	03:17:00	49.8
805	2081	453038.830	5846646.980	Force 4 WNW	01/01/2011	03:35:14	50.2
806	2082	453019.080	5846132.190	Force 4 WNW	01/01/2011	03:53:10	52
807	812	453042.280	5837002.010	Force 2 Variable	14/11/2010	11:20:11	46.2
808	1363	454978.010	5861542.350	Force 4 NW	26/12/2010	18:58:23	44.6
809	916	486992.720	5846372.500	Force 2 - 3 NW	15/11/2010	18:37:55	40
810	923	487000.760	5847505.590	Force 2 - 3 NW	15/11/2010	19:19:03	39.2
811	931	486999.540	5850195.890	Force 2 - 3 NW	15/11/2010	20:06:47	38.3
812	903	488997.580	5840305.360	Force 2 - 3 NW	15/11/2010	16:03:12	40.6
813	904	488971.180	5839824.280	Force 2 - 3 NW	15/11/2010	16:12:22	40.8
814	898	489998.250	5839190.990	Force 3 WNW	15/11/2010	14:59:29	39.1
815	899	490009.720	5839425.160	Force 3 WNW	15/11/2010	15:13:36	37.7
816	981	505274.290	5847981.080	Force 2 Variable	16/11/2010	12:39:16	25.3
817	901	489658.640	5840026.520	Force 3 WNW	15/11/2010	15:40:04	39.5
818	1223	489987.100	5874539.690	Force 3 N	07/12/2010	13:33:32	32.9
819	1038	489989.630	5872571.560	Force 3 - 4 SSE	19/11/2010	17:30:40	37.9
820	1125	490967.090	5866354.170	Force 1 variable	20/11/2010	22:58:55	38.2
821	1072	499984.760	5871667.740	Force 2 variable	20/11/2010	00:06:36	41.4
822	1073	500015.560	5869553.010	Force 2 SW	20/11/2010	00:33:14	32.6
823	1068	500642.640	5876007.410	Force 2 variable	19/11/2010	23:15:50	26
825	961	506910.580	5859982.290	Force 2 Variable	16/11/2010	06:49:36	41

Station	Attempts	Sample Volume (l)	PSA Volume (l)	Sediment Description	Contaminant Sample	Notes
1	2	5	1	S	-	-
2	1	7	1	mS	-	Slightly anoxic
3	1	8	1	S	-	-
4	1	7	1	S	-	-
5	2	7	1	S	-	-
6	1	7	1	S	-	-
7	1	9	1	S	-	-
8	1	7	1	S	-	-
9	1	7	1	S	-	-
10	1	6	1	S	-	-
11	1	7	1	S	-	-
12	1	8	1	mS	-	-
13	1	6	1	mS	-	-
14	1	6	1	S	-	-
15	1	8	1	S	-	-
16	2	7	1	S	-	-
17	3	7	1	S	-	-
18	1	9	1	S	-	-
19	1	5	1	mS	-	-
20	2	5	1	mS	-	-
21	1	5	1	S	-	-
22	2	7	1	S	-	-
23	1	8	1	S	-	-
24	1	7	1	S	-	-
25	1	8	1	S	-	-
26	1	7	1	S	-	-
27	1	8	1	S	-	-
28	1	8	1	S	-	-
29	1	8	1	S	-	-
30	1	5	1	S	-	-
31	2	5	1	M	-	-
32	1	6	1	S	-	-
33	1	7	1	S	-	-
34	3	6	1	S	-	-
35	1	5	1	S	-	-
36	1	5	1	S	-	-
37	1	5	1	S	-	-
38	3	4	1	S	-	-
39	1	8	1	S	-	-
40	1	6	1	S	-	-
41	3	5	1	S	-	-
42	1	5	1	mS	-	-
43	3	4	1	S	-	-
44	1	7	1	mS	-	-
45	2	7	1	S	-	-
46	1	5	1	S	-	-
47	2	5	1	S	-	-
48	1	7	1	S	-	-
49	2	5	1	mS	-	-
50	1	8	1	sM	-	-
51	1	8	1	S	-	-
52	1	7	1	S	-	-
53	1	5	1	S	-	-
54	3	3	1	mS	-	-
56	1	5	1	S	-	-
57	1	6	1	mS	-	-
58	2	7	1	S	-	-
59	1	9	1	S	-	-
60	1	5	1	S	-	-
61	1	10	1	M	-	-
62	1	5	1	S	-	-
63	3	3	1	M	-	-
64	1	5	1	S	-	-
65	2	8	1	mS	-	-
66	2	7	1	sM	-	-
67	3	3	1	mS	-	-
68	1	5	1	S	-	-
69	1	7	1	S	-	-
70	1	8	1	M	-	-

Station	Attempts	Sample Volume (l)	PSA Volume (l)	Sediment Description	Contaminant Sample	Notes
71	1	7	1	S	-	-
72	1	9	1	S	-	-
73	1	8	1	S	-	-
74	1	8	1	mS	-	-
75	1	5	1	sM	-	-
76	2	5	1	sM	-	-
77	1	6	1	S	-	-
78	1	8	1	S	-	-
79	1	9	1	S	-	-
80	1	10	1	S	-	-
81	1	7	1	S	-	-
82	1	8	1	mS	-	-
83	1	6	1	S	-	-
84	2	5	1	sM	-	-
85	1	5	1	sM	-	-
86	1	8	1	sM	-	-
87	1	7	1	mS	-	-
88	2	5	1	mS	-	-
89	1	10	1	S	-	-
90	2	6	1	S	-	-
91	1	6	1	S	-	-
92	1	7	1	M	-	-
93	1	6	1	S	-	-
94	1	5	1	sM	-	-
95	1	9	1	S	-	-
96	1	5	1	S	-	-
97	1	8	1	S	-	-
98	1	5	1	sM	-	-
99	3	8	1	S	-	-
100	1	9	1	sM	-	-
101	1	5	1	S	-	-
102	1	10	1	S	-	-
103	2	5	1	M	-	-
104	1	7	1	sM	-	-
105	1	8	1	S	-	-
106	1	8	1	S	-	-
107	1	8	1	S	-	-
108	1	5	1	S	-	-
109	1	7	1	S	-	-
110	1	8	1	S	-	-
111	1	7	1	S	-	-
112	1	7	1	S	-	-
113	1	7	1	S	-	-
114	1	6	1	S	-	-
115	1	5	1	mS	-	-
116	1	5	1	S	-	-
117	1	5	1	mS	-	-
118	1	5	1	S	-	-
119	1	6	1	S	-	-
120	1	6	1	S	-	-
121	1	9	1	S	-	-
122	1	8	1	S	-	-
123	2	6	1	S	-	-
124	1	5	1	S	-	-
125	1	9	1	S	-	-
126	1	7	1	S	-	-
127	1	7	1	gS	-	-
128	1	5	1	S	-	-
129	1	7	1	mS	-	-
130	1	5	1	S	-	-
131	1	8	1	S	-	-
132	1	7	1	S	-	-
133	1	6	1	S	-	-
134	1	7	1	S	-	-
135	1	5	1	S	-	-
136	1	5	1	S	-	-
137	1	5	1	S	-	-
138	2	6	1	S	-	-
139	1	7	1	S	-	-

Station	Attempts	Sample Volume (l)	PSA Volume (l)	Sediment Description	Contaminant Sample	Notes
140	1	6	1	S	-	-
141	1	6	1	S	-	Anoxic
142	1	5	1	S	-	-
143	1	8	1	S	-	-
144	1	5	1	S	-	-
145	1	7	1	S	-	-
146	1	9	1	S	-	-
147	1	8	1	S	-	-
148	1	8	1	S	-	-
149	1	7	1	S	-	-
150	1	10	1	S	-	-
151	1	5	1	gS	-	-
152	1	8	1	S	-	-
153	1	6	1	S	-	-
154	1	7	1	mS	-	-
155	1	8	1	S	-	-
156	1	7	1	S	-	-
157	1	8	1	M	-	-
158	1	7	1	S	-	-
159	1	5	1	S	-	Anoxic
160	2	8	1	S	-	-
161	1	5	1	S	-	-
162	1	9	1	M	-	-
163	1	7	1	mS	-	Anoxic
164	1	7	1	S	-	-
165	1	8	1	S	-	-
166	2	6	1	sM	-	Anoxic
167	1	9	1	S	-	-
168	1	6	1	S	-	-
169	1	7	1	S	-	-
170	1	6	1	S	-	-
171	1	6	1	mS	-	Anoxic
172	1	5	1	mS	-	-
173	1	7	1	S	-	-
174	1	8	1	S	-	-
175	2	5	1	mS	-	-
176	1	7	1	S	-	-
177	1	10	1	S	-	-
178	1	8	1	S	-	-
179	2	8	1	mS	-	-
180	1	9	1	S	-	-
181	1	10	1	S	-	-
182	1	10	1	S	-	-
183	1	10	1	S	-	-
184	1	7	1	S	-	-
185	1	6	1	S	-	-
186	1	5	1	S	-	-
187	1	10	1	S	-	-
188	1	8	1	S	-	-
189	2	9	1	S	-	-
190	1	5	1	S	-	-
191	1	8	1	S	-	-
192	1	6	1	S	-	-
193	1	8	1	S	-	-
194	1	8	1	S	-	-
195	1	8	1	S	-	Anoxic
196	1	9	1	S	-	-
197	1	6	1	S	-	Anoxic
198	2	6	1	S	-	-
199	1	8	1	S	-	-
200	1	10	1	S	-	-
201	1	8	1	S	-	-
208	1	5	1	S	-	-
211	1	6	1	S	-	-
212	1	6	1	S	-	-
215	1	9	1	mS	-	-
216	1	7	1	S	-	-
217	1	10	1	S	-	-
218	1	5	1	S	-	-

Station	Attempts	Sample Volume (l)	PSA Volume (l)	Sediment Description	Contaminant Sample	Notes
219	1	8	1	S	-	-
220	3	8	1	S	-	-
221	1	9	1	mS	-	-
222	1	6	1	M	-	-
223	1	5	1	S	-	-
224	1	8	1	S	-	-
226	2	7	1	M	-	-
227	1	8	1	sM	-	-
228	1	6	1	S	-	Anoxic
229	1	6	1	S	-	-
230	1	7	1	S	-	-
233	1	9	1	S	-	-
234	1	7	1	mS	-	Anoxic
235	1	9	1	S	-	-
236	1	8	1	S	-	-
237	1	5	1	S	-	-
238	1	6	1	S	-	-
239	1	8	1	S	-	-
240	1	7	1	M	-	-
241	1	9	1	S	-	-
242	1	10	1	mS	-	-
243	1	8	1	S	-	-
244	1	6	1	gS	-	-
245	1	8	1	S	-	-
246	1	8	1	S	-	-
247	2	5	1	S	-	-
248	1	10	1	gS	-	-
249	1	5	1	M	-	-
250	1	5	1	mS	-	-
251	2	8	1	S	-	-
252	2	6	1	S	-	-
253	1	6	1	mG	-	-
254	1	8	1	S	-	-
255	1	10	1	S	-	-
256	1	7	1	sG	-	-
257	2	5	1	mS	-	-
258	1	8	1	sM	-	-
259	1	8	1	S	-	-
260	1	8	1	sM	-	-
261	1	7	1	S	-	-
262	1	7	1	S	-	-
263	1	9	1	S	-	-
264	1	6	1	S	-	-
265	1	6	1	S	-	-
266	1	8	1	M	-	-
267	1	10	1	M	-	-
268	2	7	1	M	-	-
269	1	9	1	S	-	-
270	1	5	1	sM	-	-
271	1	10	1	sM	-	<i>Rissoides desmaresti</i>
272	1	5	1	S	-	-
273	1	8	1	mS	-	-
274	1	5	1	S	-	-
275	1	10	1	M	-	-
276	2	7	1	sM + G	-	-
277	1	9	1	S	-	-
278	3	4	1	sM	-	-
279	1	5	1	sM	-	-
280	1	7	1	S	-	-
281	1	7	1	S	-	-
282	1	5	1	sM	-	-
283	1	5	1	M	-	-
284	1	8	1	mS	-	-
285	1	10	1	mS	-	-
286	1	6	1	S + M	-	-
287	1	5	1	sM	-	-
288	2	5	1	S	-	-
289	2	5	1	S	-	-
290	1	7	1	S	-	-

Station	Attempts	Sample Volume (l)	PSA Volume (l)	Sediment Description	Contaminant Sample	Notes
291	1	8	1	S	-	-
293	1	9	1	S	-	-
294	1	6	1	S + M	-	Anoxic
295	1	10	1	S	-	-
296	1	6	1	S	-	-
297	1	5	1	S	-	-
298	1	7	1	S	-	-
299	1	5	1	S	-	-
300	1	8	1	M	-	-
301	1	8	1	S	-	Anoxic
302	1	10	1	S	-	-
303	1	9	1	S	-	-
304	1	7	1	S	-	-
305	2	5	1	S	-	-
306	1	9	1	mS	-	-
307	1	10	1	sM	-	-
308	1	7	1	S	-	-
309	1	7	1	S	-	Anoxic layer
310	1	8	1	sG	-	-
311	1	6	1	S	-	-
312	1	6	1	gM	-	-
313	1	8	1	mS	-	-
314	1	9	1	M	-	-
315	1	7	1	S	-	-
316	1	10	1	sG	-	-
317	1	7	1	S	-	-
318	1	6	1	mS	-	-
319	1	10	1	mS	-	-
320	2	8	1	S	-	-
321	1	9	1	M	-	-
322	1	5	1	mS	-	-
323	1	7	1	gS + C	-	-
324	1	8	1	gS	-	-
325	1	7	1	gS	-	-
326	1	10	1	gS	-	-
327	1	8	1	mS	-	-
328	1	6	1	sM	-	-
329	1	5	1	S	-	-
330	3	3	1	gS	-	-
331	1	8	1	S	-	-
332	1	10	1	S	-	-
333	1	8	1	M	-	-
334	1	6	1	S	-	-
335	1	10	1	S	-	-
336	1	10	1	S	-	-
337	1	9	1	S	-	-
338	1	10	1	S	-	-
339	1	7	1	S	-	-
340	1	10	1	S	-	-
341	1	10	1	S	-	-
342	1	7	1	S	-	-
343	1	10	1	sM	-	-
344	1	10	1	S	-	-
345	1	10	1	S	-	-
346	1	6	1	S	-	-
347	1	9	1	S	-	-
348	1	7	1	gS	-	-
349	2	10	1	S	-	-
350	1	6	1	S	-	-
351	1	10	1	mS	-	-
352	1	9	1	S	-	Slightly anoxic
353	1	9	1	gS + C	-	-
355	1	8	1	gS	-	-
356	1	6	1	S	-	-
357	1	8	1	S	-	-
358	1	10	1	S	-	-
359	1	7	1	S	-	-
360	1	9	1	S	-	-
361	1	9	1	S	-	-

Station	Attempts	Sample Volume (l)	PSA Volume (l)	Sediment Description	Contaminant Sample	Notes
362	1	10	1	S	-	-
363	1	8	1	S	-	-
364	1	7	1	mS	-	-
365	1	8	1	S	-	-
366	2	7	1	gS	-	-
367	1	9	1	S	-	-
368	1	10	1	S	-	-
369	1	10	1	S	-	-
370	3	4	1	gS	-	-
371	2	9	1	S	-	-
372	1	10	1	S	-	-
373	1	9	1	S	-	-
374	1	7	1	mS	-	-
375	1	6	1	S	-	-
377	1	6	1	gS	-	-
378	1	8	1	S	-	-
379	1	10	1	S	-	-
380	1	10	1	S	-	-
381	1	8	1	S	-	-
384	1	9	1	S	-	-
385	1	8	1	S	-	-
386	1	6	1	S	-	-
388	1	10	1	gS	-	-
389	1	10	1	S	-	-
390	1	10	1	S	-	-
391	1	8	1	mS	-	-
392	1	7	1	gS	-	-
393	1	5	1	mG	-	-
394	1	9	1	S	-	-
395	1	6	1	S	-	-
396	1	5	1	gS + C	-	-
397	2	8	1	gS	-	-
398	1	10	1	S	-	-
399	3	7	1	S	-	-
400	2	6	1	gS	-	-
401	1	7	1	S	-	-
402	1	8	1	S	-	-
403	2	8	1	S	-	-
404	2	6	1	mS	-	-
406	1	7	1	S	-	Anoxic
407	1	7	1	S	-	-
408	1	6	1	mS	-	-
409	1	7	1	S	-	-
410	1	6	1	S	-	-
411	1	6	1	S	-	-
412	1	9	1	S	-	-
413	1	10	1	S	-	-
414	2	6	1	sG	-	-
415	1	10	1	gM	-	-
416	1	10	1	S	-	-
417	2	5	1	gS	-	-
418	1	9	1	gS	-	-
419	1	8	1	gM	-	-
420	1	5	1	gS	-	-
421	1	8	1	S	-	-
422	1	10	1	S	-	-
423	1	10	1	S	-	-
424	1	7	1	S	-	-
425	1	10	1	mS	-	-
426	2	10	1	S	-	-
427	2	6	1	S	-	-
428	1	7	1	gS	-	Anoxic
429	1	10	1	S	-	-
430	1	5	1	S	-	-
431	1	9	1	sM	-	-
432	2	7	1	S	-	-
433	1	10	1	S	-	-
434	1	10	1	S	-	-
435	2	8	1	S	-	-



Station	Attempts	Sample Volume (l)	PSA Volume (l)	Sediment Description	Contaminant Sample	Notes
436	1	10	1	sG	-	-
437	1	10	1	S	-	-
438	1	10	1	gS	-	-
439	1	7	1	S	-	-
440	1	10	1	S	-	-
441	1	3	0	mS	-	-
442	1	8	1	S	-	-
443	1	6	1	gS	-	-
444	1	7	1	S	-	-
445	3	6	1	gS	-	-
446	1	8	1	S	-	-
447	2	5	1	gS	-	-
448	1	10	1	S	-	-
449	1	7	1	sG	-	-
450	1	10	1	S	-	-
451	1	8	1	mS	-	-
452	1	7	1	S	-	-
453	1	10	1	S	-	-
454	1	8	1	gS	-	-
455	1	8	1	sG	-	-
456	1	7	1	S	-	-
457	1	6	1	S	-	-
458	1	8	1	sG	-	-
459	1	8	1	gS	-	-
460	1	9	1	mS	-	-
461	1	5	1	mS	-	-
462	1	9	1	mS	-	-
463	1	9	1	S	-	-
464	1	10	1	S	-	-
465	1	9	1	S	-	-
466	1	8	1	S	-	-
467	1	9	1	gS	-	-
468	1	7	1	gS	-	-
469	1	5	1	mG	-	-
470	1	5	1	S	-	Anoxic
471	1	10	1	S	-	-
472	1	7	1	S	-	-
473	1	9	1	gS	-	-
474	1	9	1	gS	-	-
475	1	9	1	mG	-	-
476	1	7	1	mS	-	-
477	1	10	1	S	-	-
478	1	10	1	S	-	-
479	1	10	1	gS	-	-
480	1	5	1	S	-	-
481	1	6	1	gS	-	-
482	2	7	1	gS	-	-
483	1	10	1	gS	-	-
484	2	7	1	gS	-	Labelled as 481 in pictures
485	1	8	1	S	-	-
487	1	10	1	S	-	-
488	1	9	1	S	-	-
489	1	8	1	S	-	-
490	1	7	1	S	-	-
491	1	10	1	S	-	-
492	1	6	1	gS	-	-
493	1	8	1	S	-	-
494	1	8	1	S	-	-
495	2	6	1	S	-	-
496	1	10	1	S	-	-
497	1	9	1	S	-	-
498	1	10	1	S	-	-
499	1	9	1	S	-	-
501	1	9	1	gS	-	-
502	1	10	1	S	-	-
503	1	6	1	S	-	-
504	1	9	1	S	-	-
505	1	8	1	S	-	-
506	1	10	1	S	-	-

Station	Attempts	Sample Volume (l)	PSA Volume (l)	Sediment Description	Contaminant Sample	Notes
507	1	10	1	gS	-	-
508	1	7	1	S	-	-
509	1	10	1	S	-	-
510	1	6	1	gS	-	Anoxic
511	1	5	1	gS	-	-
512	1	8	1	gS	-	-
513	1	7	1	S	-	-
514	1	8	1	S	-	-
515	1	10	1	S	-	-
516	1	10	1	S	-	-
517	1	9	1	S	-	-
518	1	6	1	sG	-	-
519	1	9	1	S	-	-
520	1	10	1	S	-	-
521	1	8	1	S	-	-
522	3	5	1	S	-	-
523	1	6	1	sG	-	-
524	1	6	1	gS	-	-
525	1	8	1	S	-	-
526	1	9	1	S	-	-
527	1	7	1	S	-	-
528	2	9	1	S	-	-
529	1	10	1	S	-	-
530	1	7	1	gS	-	-
531	1	7	1	S	-	-
532	1	9	1	S	-	-
534	3	5	1	gS	-	-
535	1	5	1	gS	-	-
536	1	5	1	S	-	-
537	1	7	1	gS	-	-
538	2	8	1	gS	-	-
539	1	7	1	S	-	-
540	2	7	1	S	-	-
541	2	7	1	gS + C	-	-
542	1	10	1	S	-	-
543	1	8	1	gS	-	-
544	1	8	1	gS	-	-
545	1	8	1	S	-	-
546	1	7	1	S	-	-
547	2	7	1	sG	-	-
548	1	8	1	S	-	-
549	1	7	1	S	-	-
550	1	7	1	S	-	-
551	1	10	1	S	-	-
552	1	7	1	S	-	-
554	1	5	1	S	-	-
555	1	9	1	S	-	-
556	2	6	1	S	-	-
557	3	6	1	gS	-	-
558	1	7	1	S	-	-
559	1	7	1	gS	-	-
561	1	10	1	S	-	-
566	1	7	1	S	-	-
571	1	5	1	S	-	-
577	1	9	1	gS	-	-
579	1	6	1	S	-	-
585	2	10	1	S	-	-
589	1	8	1	S	-	-
599	2	6	1	gS	Yes	-
601	1	10	1	S	-	-
616	1	5	1	S	-	-
618	1	7	1	gS	-	-
630	1	10	1	S	-	-
632	1	10	1	S	-	-
640	1	6	1	sG	-	-
642	1	5	1	gS + C	-	-
644	1	5	1	gS	-	-
653	1	10	1	S	-	-
655	1	8	1	S	-	Anoxic

Station	Attempts	Sample Volume (l)	PSA Volume (l)	Sediment Description	Contaminant Sample	Notes
657	1	10	1	S	-	-
664	1	8	1	S	-	-
666	1	8	1	S	-	-
673	1	8	1	S	-	-
675	1	6	1	gS	-	-
677	2	6	1	gS	-	-
683	1	10	1	S	-	-
685	1	9	1	S	-	-
692	1	7	1	S	-	Anoxic
694	1	7	1	S	-	-
701	1	7	1	S	-	-
707	1	6	1	S	-	-
712	1	10	1	S	-	-
713	1	7	1	S	-	-
738	1	8	1	M	-	-
739	1	8	1	gM	-	-
740	1	10	1	gM	-	-
741	1	9	1	gS	-	-
742	1	5	1	gM	-	-
743	3	2	0	mG	-	-
744	1	5	1	gM	-	-
745	1	10	1	mS	-	-
746	1	8	1	sM + G	-	-
747	1	5	1	sG	-	-
748	1	7	1	S + C	-	-
749	1	8	1	sG + M	-	-
750	1	4	1	mG	-	-
751	2	6	1	mS + C	-	-
753	2	8	1	sM + G + C	-	-
755	1	8	1	gS	-	-
756	1	5	1	sG + C	-	-
757	1	6	1	mG + C	-	-
758	1	8	1	sG	-	-
759	1	8	1	mS	-	-
760	1	8	1	sM + C	-	-
762	1	8	1	sM	-	-
763	1	9	1	mS	-	-
764	1	10	1	S	-	-
765	1	8	1	sG	-	-
766	1	3	1	sG	-	-
767	1	9	1	mG	-	-
768	1	10	1	mS	-	-
769	2	10	1	mG + C	-	-
770	1	5	1	gS	-	-
771	1	7	1	S	-	-
772	1	2	0	S	-	-
773	1	5	1	sG	-	-
774	1	7	1	gS	-	-
775	1	9	1	mS	-	-
777	1	9	1	M	-	-
778	1	6	1	sG + C	-	-
779	1	6	1	mS	-	-
780	1	10	1	M	-	-
781	1	7	1	M	-	-
782	3	3	1	gS	-	-
785	1	9	1	sM	-	-
786	1	8	1	mS	-	-
787	3	6	1	M + C	-	Anoxic
788	1	9	1	sM	-	-
789	1	8	1	mS	-	-
792	1	9	1	sM	-	-
793	1	9	1	S	-	-
794	1	9	1	M	-	-
795	1	9	1	sM	-	-
796	1	8	1	S + M	-	-
797	1	9	1	S	-	Anoxic
798	1	7	1	sM	-	-
801	1	8	1	sM	-	-
802	1	7	1	sG	-	-

Station	Attempts	Sample Volume (l)	PSA Volume (l)	Sediment Description	Contaminant Sample	Notes
803	1	9	1	sM	-	-
804	1	10	1	mS	-	-
805	1	10	1	sM	-	-
806	1	10	1	sM	-	-
807	1	10	1	M	-	Anoxic
808	2	10	1	sM	-	-
809	1	6	1	S	-	-
810	1	8	1	S	-	-
811	1	8	1	sM	-	-
812	1	9	1	sM	-	-
813	1	8	1	M	-	-
814	1	9	1	mS	-	-
815	1	9	1	M	-	Anoxic
816	1	8	1	S	-	-
817	1	8	1	M	-	-
818	1	8	1	S	-	-
819	2	10	1	M	-	-
820	1	8	1	M	-	-
821	1	5	1	M	-	-
822	1	6	1	M	-	-
823	1	6	1	S	-	-
825	1	7	1	M	-	-

**Appendix Table 3.** Table presenting the measurements and tube dimensions of *Sabellaria spinulosa* that occurred in the benthic grab samples. Grid stations shown in blue with targeted stations highlighted in red.

Station	Sabellaria Volume (l)	Sabellaria Weight (g)	Maximum Sabellaria Tube Length (cm)	Average Sabellaria Tube Length (cm)	Average Sabellaria Tube aperture (mm)	Maximum Sabellaria Tube aperture (mm)	Sabellaria Description
61	5	2000	9.4	7	1	1.5	Reef 100%
100	1	200	3	2	1.5	2.5	Clumps 100%
117	<0.1	50	5.5	4	2	3	Clumps 100%
153	<0.1	20	4.3	2	1	1.5	Clumps 100% + rubble
162	1.5	300	7.9	6	1.5	2	Reef 100% + rubble
215	6	3000	10.6	7	2	2.5	Reef 100%
221	1	1000	12	10	3	3.5	Clumps 100%
255	<0.1	10	2	1.5	0.5	1	Clumps 100% + rubble
271	4	4000	5	3	1.5	2	Clumps 100%
300	7	4000	10.8	6	2	2.5	Reef 100%
317	0.5	100	1.5	1	0.5	0.5	Veneer 100 %
331	0.3	100	2.5	2	0.5	1	Clumps 100%
348	0.1	10	3	2	0.5	0.5	Clumps 100%
353	0.5	100	2.5	2	0.5	0.5	Clumps 100%
364	0.1	20	5.6	3	1	1.5	Clumps 100% + rubble
366	<0.1	35	6.1	4	1	2	Clumps 85% + veneer 15%
377	<0.1	25	4.2	2.5	1	1.5	Clumps 95% + veneer 5%
380	<0.1	10	3.9	2	1	1	Clumps 100 %
391	2	2000	7.5	6	1	1.5	Clumps 100%
392	<0.1	30	3	2	1	1	Clumps 95% + veneer 5%
393	<0.1	5	2	2	1	1.5	Veneer 100%
399	0.2	100	6	4.5	1	2	Clumps 100 %
412	<0.1	100	4	3	1	1	Clumps 100% + rubble
415	2	2000	10	7	2	2.5	Reef 100%
419	3	2000	5	3.5	1	1.5	Clumps 60%, veneer 40% + rubble
420	1.5	600	9.7	7.5	2	3	Reef 100%
431	<0.1	30	2	1	1	1.5	Clumps 100%
432	0.25	-	5	4	1	1.5	Clumps 100% + rubble
438	<0.1	15	4	3	1	1	Clumps 100%
441	1	-	13	9	1	1	Reef 100%
451	1.5	-	8	6	1	2	Clumps 80%, veneer 20% + rubble
460	4	1500	4.2	3	1.5	1	Reef 100% + rubble
462	0.5	-	3	2	1.5	2	Clumps 90%, veneer 10% + rubble
463	0.2	300	5	4	0.5	1	Clumps 100 % + rubble
474	0.2	80	5.5	4	1	1.5	Clumps 100 %
476	0.3	400	4.5	4	1	1.5	Clumps 100 % + rubble
482	<0.1	20	3.2	1.5	1	1.5	Veneer 80%, clumps 20%
485	<0.1	10	3	1.5	1	1	Clumps 100%
492	<0.1	10	3.8	2.5	1	1	Clumps 100%
495	<0.1	15	3.3	2	1	1.5	Clumps 100%
507	<0.1	10	4.5	3.5	1	1	Clumps 100% + rubble
511	<0.1	10	2.5	2	1	1	Clumps 100%
518	<0.1	10	6	5	1.5	2	Veneer 90%, clumps 10% + rubble
524	0.5	200	6	4	1	1	Clumps 60%, veneer 40% + rubble
599	-	-	-	-	-	-	Rubble
616	-	-	-	-	-	-	Rubble
618	<0.1	50	6.5	3	1	3	Clumps 100% + rubble
642	0.5	100	7.7	5	1.5	1	Clumps 90% + veneer 10% + rubble
738	6	3000	15.4	8.4	1	2	Reef 100%
740	3	3000	7	5	1.5	2.5	Reef 100%
741	0.5	500	7	6	2	3	Clumps 100%
750	<0.1	30	12	4	1.5	2	Clumps 100%
751	1	200	4.2	3	1	1.5	Clumps 90%, veneer 10% + rubble
758	0.5	100	5.6	3.2	1	1.5	Clumps 20%, Veneer 80% + rubble
759	0.5	100	3.7	2	1.5	1	Clumps 100%
760	0.5	100	5.1	3.5	1.5	2	Clumps 90%, veneer 10% + rubble
762	3	3000	6.4	3	1	1.5	Clumps 100% + rubble
763	6	4000	7.7	3.5	1	1.5	Clumps 100%
765	1.5	500	9.8	6	1	2	Reef 90% + veneer 10%
766	1	1000	15	7	2	1.5	Reef 90% + veneer 10%
768	1	1000	10	7	3.5	2.5	Clumps 100%
770	<0.1	10	6	4	1.5	2	Clumps 100% + rubble
771	0.1	100	6	4	2	3	Clumps 100%

Station	Sabellaria Volume (l)	Sabellaria Weight (g)	Maximum Sabellaria Tube Length (cm)	Average Sabellaria Tube Length (cm)	Average Sabellaria Tube aperture (mm)	Maximum Sabellaria Tube aperture (mm)	Sabellaria Description
772	0.5	200	7.4	5	1	2	Clumps 95%, veneer 5% + rubble
774	0.5	500	10	7	1.5	2	Clumps 90% + Veneer 10%
775	<0.1	10	5	2	2	1.5	Veneer 100%
777	5	2000	9.2	6	2	2.5	Reef 100% + rubble
778	0.3	100	3.3	2	1.5	1.5	Clumps 100% + rubble
779	0.1	100	5	3	2	2	Clumps 100% + rubble
780	4	2500	13.4	10	2.5	2.5	Reef 100%
781	2	1000	13.7	7	2	3	Reef 100% + rubble
786	3	1000	4.6	2	1.5	1	Clumps 100% + rubble
787	0.1	50	4.5	3.5	1.5	2	Clumps 70% + Veneer 30%
788	<0.1	30	4	3	1	1.5	Clumps 60% + veneer 40%
789	0.2	70	5.5	4	1.5	1.5	Clumps 100% + rubble
792	2.5	800	8.8	6	1.5	2	Clumps 90%, veneer 10% + rubble
793	1	400	4.6	3	1.5	2	Clumps 90%, veneer 10% + rubble
794	3	1500	6.8	5	1.5	2	Clumps 100% + rubble
795	3.5	1800	8.6	6	1.5	2.5	Clumps 80%, veneer 20% + rubble
797	3	1000	6.6	4	1.5	2.5	Clumps 100% + rubble
802	<0.1	30	4.2	2	1.5	1	Clumps 100% + rubble
804	10	8	9	7	3	2	Reef 100%
805	7	4500	10.5	8	2	2.5	Reef 100%
806	5	2500	7	7	2	3	Reef 100%
808	7	3000	13.5	10	2	2.5	Reef 100%
809	<0.1	15	5.1	3	1	1	Clumps 100% + rubble
810	<0.1	20	4.1	3	1	2	Clumps 100%, veneer 5% + rubble
811	0.2	80	6	4	1.5	1	Clumps 100%, veneer 5% + rubble
812	0.25	100	5.3	3.5	1	1.5	Clumps 100% + rubble
814	0.1	25	7.3	4	1	1.5	Clumps 100% + rubble
815	1	250	10.2	7	1.5	2	Clumps 100% + rubble
817	1	200	6.2	4	1	1.5	Clumps 100% + rubble
819	5	2000	7.2	6	1	1.5	Reef 100%
820	0.1	40	5.2	4	1	1.5	Clumps 100% + rubble

**Appendix Table 4.** Table presenting the co-ordinates (WGS 84) of 107 seabed imagery stations using dGPS with a nominal accuracy of 2m. Also shown are the date, time (GMT) and depth (m) at which the images were taken and observational notes recorded. Grid stations shown in blue with targeted stations highlighted in red.

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
61	CAM - A	1018	490099.240	5871977.470	Force 3 - 4 SSE	19/11/2010	16:14:25	38.1
61	CAM - B	1019	490085.900	5871990.080	Force 3 - 4 SSE	19/11/2010	16:18:07	38.1
61	CAM - C	1020	490082.910	5871994.680	Force 3 - 4 SSE	19/11/2010	16:18:33	38.1
61	CAM - D	1021	490079.640	5871998.040	Force 3 - 4 SSE	19/11/2010	16:18:55	38.1
61	CAM - E	1022	490082.010	5871985.840	Force 3 - 4 SSE	19/11/2010	16:19:55	38.1
61	CAM - F	1023	490076.160	5871987.360	Force 3 - 4 SSE	19/11/2010	16:21:42	38.1
61	CAM - G	1024	490074.090	5871987.840	Force 3 - 4 SSE	19/11/2010	16:22:07	38.1
61	CAM - H	1025	490077.830	5871981.640	Force 3 - 4 SSE	19/11/2010	16:23:48	38.1
61	CAM - I	1026	490077.390	5871983.110	Force 3 - 4 SSE	19/11/2010	16:24:04	38.1
162	CAM - A	869	489995.170	5839724.180	Force 3 WNW	15/11/2010	13:54:34	37.7
162	CAM - B	870	489996.630	5839729.220	Force 3 WNW	15/11/2010	13:55:13	37.7
162	CAM - C	871	490000.870	5839733.480	Force 3 WNW	15/11/2010	13:56:08	37.7
162	CAM - D	872	490005.390	5839731.950	Force 3 WNW	15/11/2010	13:57:06	37.7
162	CAM - E	873	490001.690	5839727.250	Force 3 WNW	15/11/2010	13:58:24	37.7
162	CAM - F	874	490000.200	5839726.360	Force 3 WNW	15/11/2010	13:58:27	37.7
162	CAM - G	875	489996.920	5839722.730	Force 3 WNW	15/11/2010	14:00:55	37.7
162	CAM - H	876	489999.750	5839732.480	Force 3 WNW	15/11/2010	14:01:52	37.7
215	CAM - A	1387	456991.200	5864662.450	Force 3 WNW	26/12/2010	22:43:57	42.2
215	CAM - B	1388	456995.910	5864668.800	Force 3 WNW	26/12/2010	22:44:34	42.2
215	CAM - C	1389	456997.690	5864658.180	Force 3 WNW	26/12/2010	22:45:38	42.2
215	CAM - D	1390	456998.160	5864656.090	Force 3 WNW	26/12/2010	22:45:47	42.2
215	CAM - E	1391	456997.300	5864653.820	Force 3 WNW	26/12/2010	22:46:18	42.2
215	CAM - F	1392	456993.290	5864666.100	Force 3 WNW	26/12/2010	22:47:02	42.2
215	CAM - G	1393	456994.310	5864666.390	Force 3 WNW	26/12/2010	22:47:30	42.2
215	CAM - H	1394	456995.170	5864664.440	Force 3 WNW	26/12/2010	22:47:41	42.2
215	CAM - I	1395	456990.100	5864656.530	Force 3 WNW	26/12/2010	22:48:43	42.2
215	CAM - J	1396	456997.560	5864661.540	Force 3 WNW	26/12/2010	22:49:26	42.2
215	CAM - K	1397	456999.210	5864664.160	Force 3 WNW	26/12/2010	22:49:33	42.2
215	CAM - L	1398	457003.680	5864664.820	Force 3 WNW	26/12/2010	22:50:23	42.2
215	CAM - M	1399	457001.390	5864663.230	Force 3 WNW	26/12/2010	22:50:35	42.2
215	CAM - N	1400	456992.760	5864656.750	Force 3 WNW	26/12/2010	22:51:15	42.2
215	CAM - O	1401	456989.200	5864655.980	Force 3 WNW	26/12/2010	22:51:54	42.2
220	CAM - A	1344	455003.970	5862797.220	Force 4 NW	26/12/2010	16:11:51	45.9
220	CAM - B	1345	454999.340	5862778.370	Force 4 NW	26/12/2010	16:12:36	45.9
220	CAM - C	1346	454992.070	5862768.390	Force 4 NW	26/12/2010	16:15:18	45.9
220	CAM - D	1347	454989.470	5862763.910	Force 4 NW	26/12/2010	16:15:43	45.9
220	CAM - E	1348	454995.990	5862765.330	Force 4 NW	26/12/2010	16:17:47	45.9
220	CAM - F	1349	455000.830	5862766.210	Force 4 NW	26/12/2010	16:19:34	45.9
220	CAM - G	1350	454994.630	5862768.400	Force 4 NW	26/12/2010	16:21:01	45.9
271	CAM - A	2141	470980.950	5850608.970	Force 2 - 3 NNE	07/01/2011	00:48:53	42.1
271	CAM - B	2142	470972.640	5850609.620	Force 2 - 3 NNE	07/01/2011	00:50:31	42.1
271	CAM - C	2143	470971.950	5850611.020	Force 2 - 3 NNE	07/01/2011	00:50:43	42.1
271	CAM - D	2144	470971.740	5850611.890	Force 2 - 3 NNE	07/01/2011	00:51:35	42.1
271	CAM - E	2145	470974.640	5850620.550	Force 2 - 3 NNE	07/01/2011	00:52:14	42.1
271	CAM - F	2146	470974.840	5850631.710	Force 2 - 3 NNE	07/01/2011	00:53:25	42.1
271	CAM - G	2147	470971.720	5850636.220	Force 2 - 3 NNE	07/01/2011	00:54:19	42.1
285	CAM - A	2004	459011.360	5847809.900	Force 3 - 4 NW	31/12/2010	22:40:05	49.1
285	CAM - B	2005	459020.870	5847801.200	Force 3 - 4 NW	31/12/2010	22:40:55	49.1
285	CAM - C	2006	459026.000	5847800.150	Force 3 - 4 NW	31/12/2010	22:41:43	49.1
285	CAM - D	2007	459003.720	5847805.610	Force 3 - 4 NW	31/12/2010	22:44:51	49.1
285	CAM - E	2008	459010.660	5847803.430	Force 3 - 4 NW	31/12/2010	22:45:38	49.1
285	CAM - F	2009	459020.410	5847803.660	Force 3 - 4 NW	31/12/2010	22:46:30	49.1
285	CAM - G	2010	459020.230	5847802.590	Force 3 - 4 NW	31/12/2010	22:46:39	49.1
285	CAM - H	2011	459010.000	5847806.800	Force 3 - 4 NW	31/12/2010	22:47:58	49.1
285	CAM - I	2012	458987.650	5847816.570	Force 3 - 4 NW	31/12/2010	22:49:45	49.1

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
286	CAM - A	1965	463016.030	5845701.770	Force 1 variable	31/12/2010	19:40:08	51.3
286	CAM - B	1966	463018.810	5845704.720	Force 1 variable	31/12/2010	19:40:44	51.3
286	CAM - C	1967	463020.210	5845704.200	Force 1 variable	31/12/2010	19:41:05	51.3
286	CAM - D	1968	463022.800	5845700.520	Force 1 variable	31/12/2010	19:41:43	51.3
286	CAM - E	1969	463023.610	5845698.940	Force 1 variable	31/12/2010	19:41:55	51.3
286	CAM - F	1970	463024.710	5845697.100	Force 1 variable	31/12/2010	19:42:05	51.3
286	CAM - G	1971	463025.450	5845697.880	Force 1 variable	31/12/2010	19:43:16	51.3
286	CAM - H	1972	463024.410	5845700.490	Force 1 variable	31/12/2010	19:43:29	51.3
286	CAM - I	1973	463021.320	5845704.570	Force 1 variable	31/12/2010	19:44:53	51.3
286	CAM - J	1974	463024.530	5845696.290	Force 1 variable	31/12/2010	19:46:00	51.3
300	CAM - A	2039	454008.800	5843538.100	Force 3 - 4 NW	01/01/2011	01:23:49	51.2
300	CAM - B	2040	454004.350	5843541.310	Force 3 - 4 NW	01/01/2011	01:24:25	51.2
300	CAM - C	2041	454001.580	5843538.480	Force 3 - 4 NW	01/01/2011	01:25:16	51.2
300	CAM - D	2042	454000.950	5843537.090	Force 3 - 4 NW	01/01/2011	01:25:48	51.2
300	CAM - E	2043	454003.180	5843537.250	Force 3 - 4 NW	01/01/2011	01:26:18	51.2
300	CAM - F	2044	454004.450	5843537.100	Force 3 - 4 NW	01/01/2011	01:26:49	51.2
300	CAM - G	2045	454006.430	5843537.220	Force 3 - 4 NW	01/01/2011	01:27:16	51.2
300	CAM - H	2046	454006.690	5843535.200	Force 3 - 4 NW	01/01/2011	01:27:43	51.2
300	CAM - I	2047	454005.570	5843528.840	Force 3 - 4 NW	01/01/2011	01:28:18	51.2
300	CAM - J	2048	454007.120	5843527.490	Force 3 - 4 NW	01/01/2011	01:28:39	51.2
309	CAM - A	1947	461008.470	5842082.880	Force 1 variable	31/12/2010	18:21:52	51.1
309	CAM - B	1948	461032.860	5842079.940	Force 1 variable	31/12/2010	18:23:29	51.1
309	CAM - C	1949	461035.730	5842073.230	Force 1 variable	31/12/2010	18:24:11	51.1
309	CAM - D	1950	461018.910	5842074.910	Force 1 variable	31/12/2010	18:25:53	51.1
309	CAM - E	1951	461005.460	5842081.110	Force 1 variable	31/12/2010	18:26:56	51.1
309	CAM - F	1952	461003.250	5842082.550	Force 1 variable	31/12/2010	18:27:10	51.1
309	CAM - G	1953	461010.780	5842078.760	Force 1 variable	31/12/2010	18:27:56	51.1
309	CAM - H	1954	461035.250	5842067.280	Force 1 variable	31/12/2010	18:28:41	51.1
320	CAM - A	813	449003.880	5837421.440	Force 2 Variable	14/11/2010	11:55:12	41.2
320	CAM - B	814	449004.630	5837422.530	Force 2 Variable	14/11/2010	11:55:36	41.2
320	CAM - C	815	449008.740	5837419.960	Force 2 Variable	14/11/2010	11:56:48	41.2
320	CAM - D	816	449000.670	5837401.580	Force 2 Variable	14/11/2010	11:58:47	41.2
393	CAM - A	1696	451020.510	5810049.300	Force 1 variable	30/12/2010	05:41:10	43.4
393	CAM - B	1697	451014.540	5810036.050	Force 1 variable	30/12/2010	05:41:44	43.4
393	CAM - C	1698	451012.040	5810032.540	Force 1 variable	30/12/2010	05:41:56	43.4
393	CAM - D	1699	451005.740	5810022.670	Force 1 variable	30/12/2010	05:42:18	43.4
393	CAM - E	1700	450997.840	5810021.930	Force 1 variable	30/12/2010	05:42:45	43.4
393	CAM - F	1701	450993.870	5810027.560	Force 1 variable	30/12/2010	05:42:58	43.4
393	CAM - G	1702	450989.120	5810034.130	Force 1 variable	30/12/2010	05:43:20	43.4
393	CAM - H	1703	450995.450	5810041.740	Force 1 variable	30/12/2010	05:43:47	43.4
393	CAM - I	1704	451004.720	5810039.310	Force 1 variable	30/12/2010	05:44:15	43.4
393	CAM - J	1705	451019.920	5810028.550	Force 1 variable	30/12/2010	05:44:52	43.4
409	CAM - A	1667	452000.520	5807271.610	Force 1 variable	30/12/2010	04:01:18	45.9
409	CAM - B	1668	451996.150	5807270.160	Force 1 variable	30/12/2010	04:01:38	45.9
409	CAM - C	1669	451997.890	5807270.580	Force 1 variable	30/12/2010	04:02:06	45.9
409	CAM - D	1670	452000.590	5807273.040	Force 1 variable	30/12/2010	04:02:31	45.9
409	CAM - E	1671	451998.670	5807272.490	Force 1 variable	30/12/2010	04:02:52	45.9
409	CAM - F	1672	451997.540	5807272.350	Force 1 variable	30/12/2010	04:03:35	45.9
409	CAM - G	1673	451989.540	5807274.080	Force 1 variable	30/12/2010	04:04:06	45.9
409	CAM - H	1674	451991.620	5807274.580	Force 1 variable	30/12/2010	04:04:35	45.9
409	CAM - I	1675	452000.270	5807274.840	Force 1 variable	30/12/2010	04:05:09	45.9
409	CAM - J	1676	452009.800	5807277.700	Force 1 variable	30/12/2010	04:05:39	45.9
409	CAM - K	1677	452010.780	5807284.440	Force 1 variable	30/12/2010	04:06:13	45.9
409	CAM - L	1678	452010.390	5807286.010	Force 1 variable	30/12/2010	04:06:39	45.9
415	CAM - A	1502	432992.370	5804807.290	Force 2 variable	29/12/2010	10:36:49	34.8
415	CAM - B	1503	432989.880	5804825.960	Force 2 variable	29/12/2010	10:38:12	34.8
415	CAM - C	1504	433020.660	5804819.040	Force 2 variable	29/12/2010	10:39:38	34.8
415	CAM - D	1505	433021.790	5804816.750	Force 2 variable	29/12/2010	10:39:50	34.8



Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
415	CAM - E	1506	433011.510	5804809.820	Force 2 variable	29/12/2010	10:40:44	34.8
415	CAM - F	1507	432998.650	5804812.710	Force 2 variable	29/12/2010	10:41:27	34.8
420	CAM - A	1643	453985.650	5806133.340	Force 1 variable	30/12/2010	02:42:29	55.9
420	CAM - B	1644	453983.340	5806133.760	Force 1 variable	30/12/2010	02:42:52	55.9
420	CAM - C	1645	453978.660	5806133.970	Force 1 variable	30/12/2010	02:43:20	55.9
420	CAM - D	1646	453975.820	5806134.930	Force 1 variable	30/12/2010	02:43:40	55.9
420	CAM - E	1647	453977.900	5806136.860	Force 1 variable	30/12/2010	02:44:06	55.9
420	CAM - F	1648	453977.730	5806137.280	Force 1 variable	30/12/2010	02:44:12	55.9
420	CAM - G	1649	453974.740	5806141.670	Force 1 variable	30/12/2010	02:44:41	55.9
420	CAM - H	1650	453974.860	5806145.170	Force 1 variable	30/12/2010	02:45:15	55.9
441	CAM - A	1600	453998.410	5801172.590	Force 1 variable	29/12/2010	23:04:22	57
441	CAM - B	1601	454002.350	5801166.730	Force 1 variable	29/12/2010	23:05:41	57
441	CAM - C	1602	454001.570	5801166.230	Force 1 variable	29/12/2010	23:05:55	57
441	CAM - D	1603	453999.870	5801167.090	Force 1 variable	29/12/2010	23:06:14	57
441	CAM - E	1604	453997.880	5801171.770	Force 1 variable	29/12/2010	23:06:46	57
441	CAM - F	1605	453997.910	5801171.450	Force 1 variable	29/12/2010	23:07:15	57
441	CAM - G	1606	453998.890	5801168.350	Force 1 variable	29/12/2010	23:07:46	57
441	CAM - H	1607	453999.770	5801169.730	Force 1 variable	29/12/2010	23:08:06	57
448	CAM - A	1524	438986.500	5799097.810	Force 1 variable	29/12/2010	13:04:48	39
448	CAM - B	1525	438993.440	5799104.580	Force 1 variable	29/12/2010	13:06:51	39
448	CAM - C	1526	438988.120	5799099.340	Force 1 variable	29/12/2010	13:08:26	39
448	CAM - D	1527	438998.410	5799091.080	Force 1 variable	29/12/2010	13:10:38	39
448	CAM - E	1528	438997.400	5799093.430	Force 1 variable	29/12/2010	13:12:34	39
457	CAM - A	1471	433008.900	5796604.160	Force 2 S	29/12/2010	04:36:23	35.9
457	CAM - B	1472	433012.540	5796601.100	Force 2 S	29/12/2010	04:37:27	35.9
457	CAM - C	1473	433014.380	5796615.300	Force 2 S	29/12/2010	04:38:19	35.9
457	CAM - D	1474	433000.720	5796615.600	Force 2 S	29/12/2010	04:39:09	35.9
457	CAM - E	1475	432992.960	5796616.530	Force 2 S	29/12/2010	04:40:03	35.9
457	CAM - F	1476	432987.010	5796617.510	Force 2 S	29/12/2010	04:41:17	35.9
457	CAM - G	1477	432986.010	5796614.170	Force 2 S	29/12/2010	04:42:12	35.9
460	CAM - A	1541	445006.700	5796809.730	Force 1 variable	29/12/2010	16:03:26	37.3
460	CAM - B	1542	445005.580	5796810.350	Force 1 variable	29/12/2010	16:03:46	37.3
460	CAM - C	1543	445001.780	5796811.820	Force 1 variable	29/12/2010	16:04:26	37.3
460	CAM - D	1544	444998.700	5796809.400	Force 1 variable	29/12/2010	16:04:58	37.3
460	CAM - E	1545	444997.480	5796806.840	Force 1 variable	29/12/2010	16:05:16	37.3
460	CAM - F	1546	445000.270	5796797.680	Force 1 variable	29/12/2010	16:06:18	37.3
460	CAM - G	1547	445001.420	5796796.330	Force 1 variable	29/12/2010	16:06:26	37.3
460	CAM - H	1548	445007.750	5796793.510	Force 1 variable	29/12/2010	16:07:15	37.3
460	CAM - I	1549	445002.270	5796802.300	Force 1 variable	29/12/2010	16:08:23	37.3
460	CAM - J	1550	444997.460	5796804.910	Force 1 variable	29/12/2010	16:09:40	37.3
465	CAM - A	1413	427025.030	5795384.550	Force 2 - 3 SW	28/12/2010	21:21:16	27.7
465	CAM - B	1414	427010.650	5795390.170	Force 2 - 3 SW	28/12/2010	21:21:54	27.7
465	CAM - C	1415	427009.320	5795401.510	Force 2 - 3 SW	28/12/2010	21:23:18	27.7
465	CAM - D	1416	427008.870	5795400.500	Force 2 - 3 SW	28/12/2010	21:23:41	27.7
465	CAM - E	1417	427008.810	5795399.080	Force 2 - 3 SW	28/12/2010	21:24:04	27.7
465	CAM - F	1418	427012.050	5795396.580	Force 2 - 3 SW	28/12/2010	21:24:55	27.7
465	CAM - G	1419	427018.230	5795399.160	Force 2 - 3 SW	28/12/2010	21:25:23	27.7
465	CAM - H	1420	427022.450	5795398.040	Force 2 - 3 SW	28/12/2010	21:25:47	27.7
465	CAM - I	1421	427022.910	5795395.980	Force 2 - 3 SW	28/12/2010	21:26:07	27.7
465	CAM - J	1422	427014.510	5795399.360	Force 2 - 3 SW	28/12/2010	21:27:24	27.7
465	CAM - K	1423	427019.550	5795398.920	Force 2 - 3 SW	28/12/2010	21:27:56	27.7
475	CAM - A	1445	432997.690	5793097.710	Force 2 - 3 SW	28/12/2010	23:15:47	35.9
475	CAM - B	1446	432998.310	5793102.260	Force 2 - 3 SW	28/12/2010	23:17:16	35.9
475	CAM - C	1447	432986.160	5793106.330	Force 2 - 3 SW	28/12/2010	23:19:53	35.9
475	CAM - D	1448	432973.410	5793112.350	Force 2 - 3 SW	28/12/2010	23:21:29	35.9
475	CAM - E	1449	432971.310	5793111.490	Force 2 - 3 SW	28/12/2010	23:21:48	35.9
475	CAM - F	1450	432978.680	5793099.230	Force 2 - 3 SW	28/12/2010	23:23:53	35.9
523	CAM - A	168	445539.790	5772936.840	Force 4 SW	30/09/2010	04:05:44	43.1

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
523	CAM - B	169	445539.680	5772937.400	Force 4 SW	30/09/2010	04:05:49	43.1
523	CAM - C	170	445539.830	5772938.240	Force 4 SW	30/09/2010	04:05:57	43.1
523	CAM - D	171	445574.590	5772917.040	Force 4 SW	30/09/2010	04:07:37	43.1
541	CAM - A	729	443003.930	5766743.580	Force 4 NNW	01/11/2010	18:55:30	39.6
541	CAM - B	730	442988.300	5766748.580	Force 4 NNW	01/11/2010	18:58:37	39.6
541	CAM - C	731	442988.260	5766748.520	Force 4 NNW	01/11/2010	19:00:37	39.6
541	CAM - D	732	442986.250	5766748.910	Force 4 NNW	01/11/2010	19:02:10	39.6
541	CAM - E	733	442986.680	5766749.030	Force 4 NNW	01/11/2010	19:02:34	39.6
599	CAM - A	422	456986.91	5793013.85	Force 2 SW	07/10/2010	12:02:46	46.2
599	CAM - B	423	456988.88	5793013.53	Force 2 SW	07/10/2010	12:03:03	46.2
599	CAM - C	424	456992.98	5793015.55	Force 2 SW	07/10/2010	12:03:32	46.2
599	CAM - D	425	456993.79	5793017.65	Force 2 SW	07/10/2010	12:03:50	46.2
599	CAM - E	426	456992.69	5793018.77	Force 2 SW	07/10/2010	12:04:01	46.2
599	CAM - F	427	456985.27	5793019.78	Force 2 SW	07/10/2010	12:04:25	46.2
599	CAM - G	428	456981.32	5793011.15	Force 2 SW	07/10/2010	12:05:44	46.2
599	CAM - H	429	456989.09	5793020.70	Force 2 SW	07/10/2010	12:06:05	46.2
599	CAM - I	430	456998.13	5793034.13	Force 2 SW	07/10/2010	12:10:01	46.2
599	CAM - J	431	456983.86	5793036.69	Force 2 SW	07/10/2010	12:10:18	46.2
713	CAM - A	653	464009.440	5769970.170	Force 4 ESE	01/11/2010	00:14:30	48.1
713	CAM - B	654	463989.790	5769991.040	Force 2 variable	01/11/2010	00:16:11	48.1
713	CAM - C	655	463985.340	5769997.100	Force 2 variable	01/11/2010	00:16:55	48.1
713	CAM - D	656	463987.710	5769997.280	Force 2 variable	01/11/2010	00:17:44	48.1
713	CAM - E	657	463994.000	5769994.620	Force 2 variable	01/11/2010	00:18:50	48.1
737	CAM - A	645	468980.800	5773006.650	Force 4 ESE	31/10/2010	23:05:52	40.2
737	CAM - B	646	468988.990	5773007.720	Force 4 ESE	31/10/2010	23:06:38	40.2
737	CAM - C	647	468996.530	5772996.600	Force 4 ESE	31/10/2010	23:07:24	40.2
737	CAM - D	648	468997.100	5772990.300	Force 4 ESE	31/10/2010	23:08:59	40.2
737	CAM - E	649	469008.240	5772993.860	Force 4 ESE	31/10/2010	23:11:33	40.2
737	CAM - F	650	469024.810	5772997.650	Force 4 ESE	31/10/2010	23:13:00	40.2
737	CAM - G	651	469016.890	5772982.620	Force 4 ESE	31/10/2010	23:14:25	40.2
738	CAM - A	755	429017.810	5801869.600	Force 2 variable	13/11/2010	16:07:44	30
738	CAM - B	756	429018.320	5801871.740	Force 2 variable	13/11/2010	16:08:42	30
738	CAM - C	757	429011.810	5801866.030	Force 2 variable	13/11/2010	16:12:32	30
738	CAM - D	758	429013.580	5801867.430	Force 2 variable	13/11/2010	16:12:53	30
738	CAM - E	759	429015.330	5801870.490	Force 2 variable	13/11/2010	16:16:55	30
738	CAM - F	760	429013.450	5801875.310	Force 2 variable	13/11/2010	16:17:55	30
738	CAM - G	761	429011.230	5801871.650	Force 2 variable	13/11/2010	16:22:30	30
739	CAM - A	1424	430983.750	5795537.650	Force 2 - 3 SW	28/12/2010	22:01:39	35.2
739	CAM - B	1425	430982.220	5795543.500	Force 2 - 3 SW	28/12/2010	22:02:38	35.2
739	CAM - C	1426	430986.910	5795539.990	Force 2 - 3 SW	28/12/2010	22:03:31	35.2
739	CAM - D	1427	430992.720	5795541.440	Force 2 - 3 SW	28/12/2010	22:03:56	35.2
739	CAM - E	1428	430994.590	5795549.620	Force 2 - 3 SW	28/12/2010	22:04:52	35.2
739	CAM - F	1429	430974.250	5795553.270	Force 2 - 3 SW	28/12/2010	22:06:08	35.2
739	CAM - G	1430	430977.510	5795554.490	Force 2 - 3 SW	28/12/2010	22:06:57	35.2
739	CAM - H	1431	430982.810	5795555.380	Force 2 - 3 SW	28/12/2010	22:07:50	35.2
739	CAM - I	1432	430980.560	5795554.950	Force 2 - 3 SW	28/12/2010	22:09:08	35.2
740	CAM - A	1463	430991.030	5797878.970	Force 2 S	29/12/2010	03:54:45	32.4
740	CAM - B	1464	430990.900	5797878.100	Force 2 S	29/12/2010	03:54:52	32.4
740	CAM - C	1465	430991.930	5797877.340	Force 2 S	29/12/2010	03:55:11	32.4
740	CAM - D	1466	430991.020	5797881.550	Force 2 S	29/12/2010	03:57:44	32.4
740	CAM - E	1467	430986.450	5797877.380	Force 2 S	29/12/2010	03:58:40	32.4
740	CAM - F	1468	430984.220	5797873.990	Force 2 S	29/12/2010	03:59:05	32.4
740	CAM - G	1469	430987.280	5797877.590	Force 2 S	29/12/2010	04:00:00	32.4
740	CAM - H	1470	430994.000	5797881.000	Force 2 S	29/12/2010	04:00:39	32.4
741	CAM - A	1433	430990.880	5796026.390	Force 2 - 3 SW	28/12/2010	22:29:03	37.2
741	CAM - B	1434	430991.100	5796027.000	Force 2 - 3 SW	28/12/2010	22:30:12	37.2
741	CAM - C	1435	430993.030	5796025.620	Force 2 - 3 SW	28/12/2010	22:30:35	37.2
741	CAM - D	1436	430989.770	5796026.520	Force 2 - 3 SW	28/12/2010	22:32:45	37.2

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
741	CAM - E	1437	430988.150	5796029.000	Force 2 - 3 SW	28/12/2010	22:33:08	37.2
741	CAM - F	1438	430988.120	5796028.440	Force 2 - 3 SW	28/12/2010	22:33:11	37.2
741	CAM - G	1439	430987.520	5796028.980	Force 2 - 3 SW	28/12/2010	22:33:20	37.2
741	CAM - H	1440	430987.050	5796026.520	Force 2 - 3 SW	28/12/2010	22:33:49	37.2
741	CAM - I	1441	430986.180	5796029.640	Force 2 - 3 SW	28/12/2010	22:34:16	37.2
741	CAM - J	1442	430988.840	5796025.780	Force 2 - 3 SW	28/12/2010	22:34:56	37.2
741	CAM - K	1443	430991.010	5796030.260	Force 2 - 3 SW	28/12/2010	22:36:29	37.2
741	CAM - L	1444	430990.800	5796027.890	Force 2 - 3 SW	28/12/2010	22:36:56	37.2
742	CAM - A	1494	433029.450	5802864.260	Force 2 variable	29/12/2010	09:53:31	34.9
742	CAM - B	1495	433025.700	5802864.870	Force 2 variable	29/12/2010	09:53:42	34.9
742	CAM - C	1496	433016.360	5802868.490	Force 2 variable	29/12/2010	09:54:22	34.9
742	CAM - D	1497	433016.750	5802872.080	Force 2 variable	29/12/2010	09:54:52	34.9
742	CAM - E	1498	433031.890	5802865.800	Force 2 variable	29/12/2010	09:56:03	34.9
742	CAM - F	1499	433023.740	5802860.870	Force 2 variable	29/12/2010	09:56:42	34.9
742	CAM - G	1500	433011.920	5802866.440	Force 2 variable	29/12/2010	09:57:11	34.9
743	CAM - A	1456	432972.370	5792004.570	Force 2 - 3 SW	29/12/2010	00:15:09	37.7
743	CAM - B	1457	432971.660	5791996.900	Force 2 - 3 SW	29/12/2010	00:15:32	37.7
744	CAM - A	1451	432987.140	5792240.610	Force 2 - 3 SW	28/12/2010	23:48:28	37.9
744	CAM - B	1452	432983.470	5792247.680	Force 2 - 3 SW	28/12/2010	23:49:05	37.9
744	CAM - C	1453	432978.160	5792244.980	Force 2 - 3 SW	28/12/2010	23:50:50	37.9
744	CAM - D	1454	432977.530	5792245.540	Force 2 - 3 SW	28/12/2010	23:51:55	37.9
744	CAM - E	1455	432981.950	5792246.590	Force 2 - 3 SW	28/12/2010	23:53:28	37.9
744	CAM - F	1455	432981.950	5792246.590	Force 2 - 3 SW	28/12/2010	23:53:28	37.9
745	CAM - A	1478	432976.760	5796365.220	Force 2 S	29/12/2010	05:00:40	37.7
745	CAM - B	1479	433011.530	5796373.600	Force 2 S	29/12/2010	05:02:50	37.7
745	CAM - C	1480	433010.460	5796371.180	Force 2 S	29/12/2010	05:03:11	37.7
745	CAM - D	1481	433005.910	5796368.870	Force 2 S	29/12/2010	05:03:51	37.7
745	CAM - E	1482	433000.470	5796368.240	Force 2 S	29/12/2010	05:04:33	37.7
745	CAM - F	1483	432999.350	5796369.000	Force 2 S	29/12/2010	05:04:44	37.7
745	CAM - G	1484	432995.680	5796372.770	Force 2 S	29/12/2010	05:05:21	37.7
745	CAM - H	1485	432992.210	5796381.530	Force 2 S	29/12/2010	05:06:16	37.7
746	CAM - A	1509	441012.330	5803654.190	Force 2 variable	29/12/2010	11:50:11	48.2
746	CAM - B	1510	441011.220	5803657.330	Force 2 variable	29/12/2010	11:50:43	48.2
746	CAM - C	1511	441007.200	5803656.780	Force 2 variable	29/12/2010	11:51:40	48.2
746	CAM - D	1512	441005.430	5803659.160	Force 2 variable	29/12/2010	11:52:14	48.2
746	CAM - E	1513	441003.820	5803662.520	Force 2 variable	29/12/2010	11:52:43	48.2
746	CAM - F	1514	441005.720	5803661.210	Force 2 variable	29/12/2010	11:53:31	48.2
746	CAM - G	1515	441008.110	5803659.070	Force 2 variable	29/12/2010	11:54:26	48.2
746	CAM - H	1516	441010.480	5803658.640	Force 2 variable	29/12/2010	11:55:01	48.2
747	CAM - A	1608	458005.730	5800266.430	Force 1 variable	29/12/2010	23:50:30	51
747	CAM - B	1609	457999.700	5800262.560	Force 1 variable	29/12/2010	23:51:57	51
747	CAM - C	1610	458034.440	5800239.490	Force 1 variable	29/12/2010	23:54:15	51
747	CAM - D	1611	458025.840	5800236.670	Force 1 variable	29/12/2010	23:55:14	51
747	CAM - E	1612	458025.260	5800236.620	Force 1 variable	29/12/2010	23:55:17	51
747	CAM - F	1613	458018.780	5800233.580	Force 1 variable	29/12/2010	23:56:24	51
747	CAM - G	1614	458015.900	5800233.470	Force 1 variable	29/12/2010	23:57:36	51
748	CAM - A	1770	458973.640	5762375.220	Force 1 variable	30/12/2010	19:23:36	52.3
748	CAM - B	1771	458966.150	5762370.800	Force 1 variable	30/12/2010	19:24:18	52.3
748	CAM - C	1772	458965.380	5762369.990	Force 1 variable	30/12/2010	19:24:28	52.3
748	CAM - D	1773	458955.050	5762359.000	Force 1 variable	30/12/2010	19:25:22	52.3
748	CAM - E	1774	458951.780	5762354.370	Force 1 variable	30/12/2010	19:25:46	52.3
748	CAM - F	1775	458947.120	5762352.390	Force 1 variable	30/12/2010	19:26:42	52.3
748	CAM - G	1776	458946.410	5762355.990	Force 1 variable	30/12/2010	19:27:27	52.3
748	CAM - H	1777	458955.710	5762377.850	Force 1 variable	30/12/2010	19:29:25	52.3
749	CAM - A	1756	460011.730	5763495.920	Force 1 variable	30/12/2010	18:42:19	51.2
749	CAM - B	1757	460011.630	5763496.100	Force 1 variable	30/12/2010	18:42:48	51.2
749	CAM - C	1758	460011.360	5763495.950	Force 1 variable	30/12/2010	18:43:03	51.2
749	CAM - D	1759	460010.060	5763495.890	Force 1 variable	30/12/2010	18:43:23	51.2

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
749	CAM - E	1760	460006.880	5763495.340	Force 1 variable	30/12/2010	18:43:56	51.2
749	CAM - F	1761	460006.130	5763496.850	Force 1 variable	30/12/2010	18:44:16	51.2
749	CAM - G	1762	460003.160	5763498.630	Force 1 variable	30/12/2010	18:45:10	51.2
749	CAM - H	1763	460001.240	5763498.060	Force 1 variable	30/12/2010	18:45:49	51.2
749	CAM - I	1764	460003.490	5763500.840	Force 1 variable	30/12/2010	18:46:37	51.2
749	CAM - J	1765	460003.770	5763501.220	Force 1 variable	30/12/2010	18:46:49	51.2
749	CAM - K	1766	460003.920	5763501.200	Force 1 variable	30/12/2010	18:46:51	51.2
749	CAM - L	1767	460004.250	5763501.680	Force 1 variable	30/12/2010	18:47:11	51.2
749	CAM - M	1768	460003.080	5763501.890	Force 1 variable	30/12/2010	18:48:18	51.2
750	CAM - A	1679	453663.970	5809097.060	Force 1 variable	30/12/2010	04:42:30	52.2
750	CAM - B	1680	453660.940	5809093.590	Force 1 variable	30/12/2010	04:43:01	52.2
750	CAM - C	1681	453656.230	5809085.320	Force 1 variable	30/12/2010	04:43:28	52.2
750	CAM - D	1682	453654.410	5809078.250	Force 1 variable	30/12/2010	04:44:03	52.2
750	CAM - E	1683	453658.810	5809085.250	Force 1 variable	30/12/2010	04:44:40	52.2
750	CAM - F	1685	453655.250	5809088.810	Force 1 variable	30/12/2010	04:45:35	52.2
750	CAM - G	1686	453653.970	5809089.690	Force 1 variable	30/12/2010	04:45:52	52.2
750	CAM - H	1687	453654.580	5809092.200	Force 1 variable	30/12/2010	04:46:13	52.2
751	CAM - A	1587	451882.340	5801018.870	Force 1 variable	29/12/2010	21:58:49	54.1
751	CAM - B	1588	451882.020	5801021.370	Force 1 variable	29/12/2010	21:59:18	54.1
751	CAM - C	1589	451870.400	5801025.650	Force 1 variable	29/12/2010	22:01:01	54.1
751	CAM - D	1590	451871.590	5801027.360	Force 1 variable	29/12/2010	22:01:15	54.1
751	CAM - E	1591	451876.120	5801028.710	Force 1 variable	29/12/2010	22:01:43	54.1
751	CAM - F	1592	451880.070	5801026.610	Force 1 variable	29/12/2010	22:01:58	54.1
751	CAM - G	1593	451889.550	5801020.020	Force 1 variable	29/12/2010	22:02:35	54.1
751	CAM - H	1594	451879.690	5801019.090	Force 1 variable	29/12/2010	22:03:45	54.1
751	CAM - I	1595	451879.040	5801019.240	Force 1 variable	29/12/2010	22:03:47	54.1
751	CAM - J	1596	451874.880	5801019.740	Force 1 variable	29/12/2010	22:04:05	54.1
751	CAM - K	1597	451874.630	5801019.590	Force 1 variable	29/12/2010	22:04:08	54.1
752	CAM - A	589	458604.410	5784995.530	Force 4 ESE	31/10/2010	17:09:05	42
752	CAM - B	590	458603.220	5784990.390	Force 4 ESE	31/10/2010	17:10:14	42
752	CAM - C	591	458604.190	5784985.140	Force 4 ESE	31/10/2010	17:11:07	42
752	CAM - D	592	458600.720	5784980.710	Force 4 ESE	31/10/2010	17:11:45	42
752	CAM - E	593	458586.650	5784968.830	Force 4 ESE	31/10/2010	17:13:17	42
752	CAM - F	594	458583.050	5784967.190	Force 4 ESE	31/10/2010	17:13:48	42
752	CAM - G	595	458596.190	5784985.550	Force 4 ESE	31/10/2010	17:16:01	42
752	CAM - H	596	458593.230	5784985.640	Force 4 ESE	31/10/2010	17:16:59	42
752	CAM - I	597	458588.240	5784983.280	Force 4 ESE	31/10/2010	17:17:46	42
753	CAM - A	1745	439782.520	5769045.010	Force 1 variable	30/12/2010	15:34:54	42.7
753	CAM - B	1746	439789.520	5769044.670	Force 1 variable	30/12/2010	15:35:57	42.7
753	CAM - C	1747	439790.880	5769045.430	Force 1 variable	30/12/2010	15:36:06	42.7
753	CAM - D	1748	439791.400	5769049.070	Force 1 variable	30/12/2010	15:37:13	42.7
753	CAM - E	1749	439790.330	5769049.110	Force 1 variable	30/12/2010	15:37:26	42.7
753	CAM - F	1750	439788.740	5769050.420	Force 1 variable	30/12/2010	15:38:35	42.7
753	CAM - G	1751	439792.360	5769050.800	Force 1 variable	30/12/2010	15:39:00	42.7
753	CAM - H	1752	439793.540	5769050.580	Force 1 variable	30/12/2010	15:39:45	42.7
753	CAM - I	1753	439792.010	5769050.720	Force 1 variable	30/12/2010	15:40:40	42.7
754	CAM - A	190	451008.880	5764975.870	Force 3 W	30/09/2010	09:06:47	59.1
754	CAM - B	191	451017.880	5764987.920	Force 3 W	30/09/2010	09:07:39	59.1
754	CAM - C	192	451033.470	5764999.500	Force 3 W	30/09/2010	09:08:19	59.1
754	CAM - D	193	451044.720	5765026.020	Force 3 W	30/09/2010	09:09:20	59.1
754	CAM - E	194	451043.990	5765046.600	Force 3 W	30/09/2010	09:09:50	59.1
755	CAM - A	178	450214.650	5765061.680	Force 3 SWW	30/09/2010	08:37:19	57.5
755	CAM - B	179	450231.310	5765047.160	Force 3 SWW	30/09/2010	08:38:10	57.5
755	CAM - C	180	450229.700	5765044.000	Force 3 SWW	30/09/2010	08:38:19	57.5
755	CAM - D	181	450213.150	5765036.960	Force 3 SWW	30/09/2010	08:38:51	57.5
755	CAM - E	182	450158.130	5765012.300	Force 3 SWW	30/09/2010	08:40:16	57.5
755	CAM - F	183	450157.330	5765012.310	Force 3 SWW	30/09/2010	08:40:23	57.5
755	CAM - G	184	450158.190	5765013.360	Force 3 SWW	30/09/2010	08:40:38	57.5

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
755	CAM - H	185	450170.020	5765021.240	Force 3 SWW	30/09/2010	08:41:16	57.5
755	CAM - I	186	450187.090	5765037.440	Force 3 SWW	30/09/2010	08:41:56	57.5
755	CAM - J	189	450197.510	5765040.160	Force 3 SWW	30/09/2010	08:42:26	57.5
756	CAM - A	720	442568.180	5765039.370	Force 4 NNW	01/11/2010	18:19:07	41.7
756	CAM - B	721	442570.650	5765041.440	Force 4 NNW	01/11/2010	18:20:20	41.7
756	CAM - C	722	442573.880	5765040.660	Force 4 NNW	01/11/2010	18:20:49	41.7
756	CAM - D	723	442577.060	5765037.860	Force 4 NNW	01/11/2010	18:21:14	41.7
756	CAM - E	724	442588.890	5765042.810	Force 4 NNW	01/11/2010	18:22:50	41.7
756	CAM - F	725	442592.760	5765044.980	Force 4 NNW	01/11/2010	18:23:24	41.7
756	CAM - G	726	442586.640	5765050.530	Force 4 NNW	01/11/2010	18:24:26	41.7
756	CAM - H	727	442585.290	5765046.180	Force 4 NNW	01/11/2010	18:25:18	41.7
757	CAM - A	710	440016.790	5762621.870	Force 4 NNW	01/11/2010	17:20:25	45.9
757	CAM - B	711	440016.080	5762621.920	Force 4 NNW	01/11/2010	17:20:30	45.9
757	CAM - C	712	440006.820	5762614.150	Force 4 NNW	01/11/2010	17:22:08	45.9
757	CAM - D	713	440015.710	5762613.160	Force 4 NNW	01/11/2010	17:22:41	45.9
757	CAM - E	714	440018.460	5762613.950	Force 4 NNW	01/11/2010	17:23:10	45.9
757	CAM - F	715	440017.280	5762620.250	Force 4 NNW	01/11/2010	17:24:43	45.9
757	CAM - G	716	440022.530	5762612.190	Force 4 NNW	01/11/2010	17:25:53	45.9
757	CAM - H	717	440025.060	5762610.510	Force 4 NNW	01/11/2010	17:27:34	45.9
757	CAM - I	718	440026.830	5762611.500	Force 4 NNW	01/11/2010	17:27:51	45.9
758	CAM - A	1517	441954.780	5801780.890	Force 1 variable	29/12/2010	12:22:07	31.1
758	CAM - B	1518	441951.300	5801776.690	Force 1 variable	29/12/2010	12:22:56	31.1
758	CAM - C	1519	441949.930	5801774.910	Force 1 variable	29/12/2010	12:23:24	31.1
758	CAM - D	1520	441947.550	5801783.150	Force 1 variable	29/12/2010	12:25:34	31.1
758	CAM - E	1521	441946.810	5801789.530	Force 1 variable	29/12/2010	12:27:18	31.1
758	CAM - F	1522	441945.170	5801787.980	Force 1 variable	29/12/2010	12:29:38	31.1
758	CAM - G	1523	441944.610	5801786.980	Force 1 variable	29/12/2010	12:29:56	31.1
759	CAM - A	1578	442901.860	5800665.700	Force 1 variable	29/12/2010	20:03:16	47
759	CAM - B	1579	442899.580	5800664.190	Force 1 variable	29/12/2010	20:03:33	47
759	CAM - C	1580	442878.880	5800667.920	Force 1 variable	29/12/2010	20:04:33	47
759	CAM - D	1581	442867.790	5800677.500	Force 1 variable	29/12/2010	20:05:34	47
759	CAM - E	1582	442879.400	5800677.870	Force 1 variable	29/12/2010	20:06:11	47
759	CAM - F	1583	442903.960	5800675.930	Force 1 variable	29/12/2010	20:07:01	47
759	CAM - G	1584	442864.160	5800675.210	Force 1 variable	29/12/2010	20:09:26	47
760	CAM - A	1532	443982.820	5800424.330	Force 1 variable	29/12/2010	15:14:40	41.9
760	CAM - B	1533	443981.020	5800421.690	Force 1 variable	29/12/2010	15:14:59	41.9
760	CAM - C	1534	443979.650	5800429.150	Force 1 variable	29/12/2010	15:15:54	41.9
760	CAM - D	1535	443975.940	5800428.100	Force 1 variable	29/12/2010	15:16:44	41.9
760	CAM - E	1536	443976.790	5800428.170	Force 1 variable	29/12/2010	15:16:52	41.9
760	CAM - F	1537	443978.520	5800427.280	Force 1 variable	29/12/2010	15:17:11	41.9
760	CAM - G	1538	443986.230	5800426.400	Force 1 variable	29/12/2010	15:18:20	41.9
760	CAM - H	1539	443986.700	5800425.450	Force 1 variable	29/12/2010	15:19:11	41.9
760	CAM - I	1540	443979.330	5800428.770	Force 1 variable	29/12/2010	15:20:03	41.9
761	CAM - A	1551	445014.540	5795629.250	Force 1 variable	29/12/2010	16:36:13	38.8
761	CAM - B	1552	445006.510	5795625.980	Force 1 variable	29/12/2010	16:37:32	38.8
761	CAM - C	1553	445005.050	5795622.500	Force 1 variable	29/12/2010	16:37:52	38.8
761	CAM - D	1554	444998.780	5795605.010	Force 1 variable	29/12/2010	16:39:03	38.8
761	CAM - E	1555	445002.010	5795604.530	Force 1 variable	29/12/2010	16:41:55	38.8
761	CAM - F	1556	445013.970	5795607.770	Force 1 variable	29/12/2010	16:42:40	38.8
761	CAM - G	1557	445015.130	5795608.390	Force 1 variable	29/12/2010	16:42:51	38.8
761	CAM - H	1558	445013.930	5795608.410	Force 1 variable	29/12/2010	16:43:33	38.8
761	CAM - I	1559	445005.280	5795602.290	Force 1 variable	29/12/2010	16:44:42	38.8
762	CAM - A	1560	444978.310	5794027.190	Force 1 variable	29/12/2010	17:09:13	37.1
762	CAM - B	1561	445001.100	5794031.660	Force 1 variable	29/12/2010	17:11:41	37.1
762	CAM - C	1562	445002.460	5794029.740	Force 1 variable	29/12/2010	17:12:08	37.1
762	CAM - D	1563	445000.500	5794025.980	Force 1 variable	29/12/2010	17:13:03	37.1
762	CAM - E	1564	444997.240	5794024.220	Force 1 variable	29/12/2010	17:13:33	37.1
762	CAM - F	1565	444995.750	5794024.010	Force 1 variable	29/12/2010	17:14:16	37.1

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
762	CAM - G	1566	444997.390	5794027.860	Force 1 variable	29/12/2010	17:15:02	37.1
762	CAM - H	1567	445005.190	5794032.340	Force 1 variable	29/12/2010	17:16:46	37.1
762	CAM - I	1568	445008.220	5794036.210	Force 1 variable	29/12/2010	17:18:18	37.1
763	CAM - A	1569	444992.290	5793848.450	Force 1 variable	29/12/2010	17:44:42	37.5
763	CAM - B	1570	444965.180	5793812.400	Force 1 variable	29/12/2010	17:46:41	37.5
763	CAM - C	1571	444996.320	5793827.910	Force 1 variable	29/12/2010	17:50:10	37.5
763	CAM - D	1572	445001.530	5793832.950	Force 1 variable	29/12/2010	17:51:01	37.5
763	CAM - E	1573	444996.480	5793836.480	Force 1 variable	29/12/2010	17:52:15	37.5
763	CAM - F	1574	444984.840	5793826.260	Force 1 variable	29/12/2010	17:53:15	37.5
764	CAM - A	1737	444993.290	5781949.430	Force 1 variable	30/12/2010	13:56:26	42.2
764	CAM - B	1738	444998.200	5781973.810	Force 1 variable	30/12/2010	14:00:06	42.2
764	CAM - C	1739	444993.680	5781971.230	Force 1 variable	30/12/2010	14:00:35	42.2
764	CAM - D	1740	444989.640	5781971.390	Force 1 variable	30/12/2010	14:01:33	42.2
764	CAM - E	1741	444994.590	5781972.140	Force 1 variable	30/12/2010	14:02:28	42.2
764	CAM - F	1742	444999.350	5781970.380	Force 1 variable	30/12/2010	14:03:00	42.2
764	CAM - G	1743	445004.230	5781968.440	Force 1 variable	30/12/2010	14:03:32	42.2
765	CAM - A	161	446979.950	5777307.430	Force 3-4 SE	30/09/2010	02:38:07	42.7
765	CAM - B	162	446982.270	5777309.640	Force 3-4 SE	30/09/2010	02:39:39	42.7
765	CAM - C	163	446979.110	5777312.250	Force 3-4 SE	30/09/2010	02:41:22	42.7
765	CAM - D	164	446978.230	5777315.110	Force 3-4 SE	30/09/2010	02:42:21	42.7
765	CAM - E	165	446980.110	5777321.250	Force 3-4 SE	30/09/2010	02:43:17	42.7
765	CAM - F	166	446980.800	5777325.030	Force 3-4 SE	30/09/2010	02:43:44	42.7
765	CAM - G	167	446975.450	5777331.780	Force 3-4 SE	30/09/2010	02:45:08	42.7
766	CAM - A	1706	448987.690	5810221.500	Force 1 variable	30/12/2010	06:13:16	42
766	CAM - B	1707	448990.320	5810223.390	Force 1 variable	30/12/2010	06:13:27	42
766	CAM - C	1708	448994.550	5810227.510	Force 1 variable	30/12/2010	06:13:48	42
766	CAM - D	1709	448993.840	5810235.430	Force 1 variable	30/12/2010	06:14:17	42
766	CAM - E	1710	448994.410	5810238.800	Force 1 variable	30/12/2010	06:14:29	42
766	CAM - F	1711	449001.730	5810235.050	Force 1 variable	30/12/2010	06:14:57	42
766	CAM - G	1712	449004.340	5810231.770	Force 1 variable	30/12/2010	06:15:08	42
766	CAM - H	1713	448997.880	5810226.490	Force 1 variable	30/12/2010	06:16:17	42
766	CAM - I	1714	448983.450	5810221.970	Force 1 variable	30/12/2010	06:16:56	42
767	CAM - A	1635	451020.950	5805305.230	Force 1 variable	30/12/2010	02:03:15	50.2
767	CAM - B	1636	451022.000	5805306.950	Force 1 variable	30/12/2010	02:03:32	50.2
767	CAM - C	1637	451021.960	5805305.050	Force 1 variable	30/12/2010	02:04:17	50.2
767	CAM - D	1638	451018.370	5805301.810	Force 1 variable	30/12/2010	02:04:54	50.2
767	CAM - E	1639	451018.330	5805301.580	Force 1 variable	30/12/2010	02:05:28	50.2
767	CAM - F	1640	451015.640	5805299.470	Force 1 variable	30/12/2010	02:06:26	50.2
767	CAM - H	1642	451008.310	5805300.290	Force 1 variable	30/12/2010	02:07:56	50.2
768	CAM - A	1659	452998.900	5807289.280	Force 1 variable	30/12/2010	03:34:13	56.7
768	CAM - B	1660	453000.910	5807289.530	Force 1 variable	30/12/2010	03:34:49	56.7
768	CAM - C	1661	453000.500	5807292.030	Force 1 variable	30/12/2010	03:35:13	56.7
768	CAM - D	1662	453002.500	5807293.550	Force 1 variable	30/12/2010	03:35:24	56.7
768	CAM - E	1663	453006.030	5807307.190	Force 1 variable	30/12/2010	03:36:31	56.7
768	CAM - F	1664	453004.030	5807307.350	Force 1 variable	30/12/2010	03:36:45	56.7
768	CAM - G	1665	452998.290	5807302.440	Force 1 variable	30/12/2010	03:37:50	56.7
768	CAM - H	1666	453006.080	5807301.420	Force 1 variable	30/12/2010	03:38:27	56.7
769	CAM - A	1651	453013.290	5806739.550	Force 1 variable	30/12/2010	03:08:20	53.2
769	CAM - B	1653	452996.610	5806734.050	Force 1 variable	30/12/2010	03:09:30	53.2
769	CAM - C	1654	452992.300	5806729.720	Force 1 variable	30/12/2010	03:10:14	53.2
769	CAM - D	1655	452995.550	5806731.440	Force 1 variable	30/12/2010	03:10:22	53.2
769	CAM - E	1656	453011.320	5806743.460	Force 1 variable	30/12/2010	03:11:15	53.2
769	CAM - F	1657	453011.490	5806746.250	Force 1 variable	30/12/2010	03:11:34	53.2
769	CAM - G	1658	453002.110	5806745.480	Force 1 variable	30/12/2010	03:12:42	53.2
770	CAM - A	1626	453945.400	5802618.450	Force 1 variable	30/12/2010	01:19:12	45.7
770	CAM - B	1627	453944.440	5802618.030	Force 1 variable	30/12/2010	01:19:52	45.7
770	CAM - C	1628	453945.580	5802618.700	Force 1 variable	30/12/2010	01:20:30	45.7
770	CAM - D	1629	453946.950	5802617.310	Force 1 variable	30/12/2010	01:21:09	45.7

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
770	CAM - E	1630	453947.070	5802617.010	Force 1 variable	30/12/2010	01:21:23	45.7
770	CAM - F	1631	453948.150	5802613.890	Force 1 variable	30/12/2010	01:21:58	45.7
770	CAM - G	1632	453950.410	5802611.220	Force 1 variable	30/12/2010	01:22:30	45.7
770	CAM - H	1633	453952.900	5802608.990	Force 1 variable	30/12/2010	01:22:57	45.7
770	CAM - I	1634	453950.480	5802609.840	Force 1 variable	30/12/2010	01:23:44	45.7
771	CAM - A	1616	454043.380	5802114.160	Force 1 variable	30/12/2010	00:58:20	45.4
771	CAM - B	1617	454048.410	5802110.860	Force 1 variable	30/12/2010	00:58:55	45.4
771	CAM - C	1618	454049.340	5802107.350	Force 1 variable	30/12/2010	00:59:20	45.4
771	CAM - D	1619	454048.600	5802102.540	Force 1 variable	30/12/2010	01:00:03	45.4
771	CAM - E	1620	454049.420	5802101.720	Force 1 variable	30/12/2010	01:00:48	45.4
771	CAM - F	1621	454046.280	5802105.420	Force 1 variable	30/12/2010	01:01:30	45.4
771	CAM - G	1622	454037.560	5802109.590	Force 1 variable	30/12/2010	01:02:04	45.4
771	CAM - H	1623	454035.260	5802109.980	Force 1 variable	30/12/2010	01:02:16	45.4
771	CAM - I	1624	454029.880	5802112.700	Force 1 variable	30/12/2010	01:02:49	45.4
771	CAM - J	1625	454035.320	5802118.230	Force 1 variable	30/12/2010	01:03:21	45.4
772	CAM - A	413	454993.190	5792868.460	Force 2 SW	07/10/2010	11:18:41	46.8
772	CAM - B	414	454981.470	5792866.400	Force 2 SW	07/10/2010	11:19:26	46.8
772	CAM - C	415	454980.570	5792870.680	Force 2 SW	07/10/2010	11:19:37	46.8
772	CAM - D	416	454983.390	5792880.580	Force 2 SW	07/10/2010	11:23:33	46.8
772	CAM - E	417	454994.760	5792871.950	Force 2 SW	07/10/2010	11:24:54	46.8
772	CAM - F	418	454997.290	5792876.440	Force 2 SW	07/10/2010	11:25:14	46.8
772	CAM - G	419	454966.560	5792873.990	Force 2 SW	07/10/2010	11:27:35	46.8
772	CAM - H	420	454968.800	5792871.390	Force 2 SW	07/10/2010	11:27:45	46.8
772	CAM - I	421	454974.120	5792870.960	Force 2 SW	07/10/2010	11:28:04	46.8
773	CAM - A	575	455009.040	5788809.090	Force 4 ESE	31/10/2010	15:50:25	44
773	CAM - B	577	455002.740	5788801.980	Force 4 ESE	31/10/2010	15:50:57	44
773	CAM - C	579	454995.550	5788792.340	Force 4 ESE	31/10/2010	15:51:16	44
773	CAM - D	580	454974.190	5788771.620	Force 4 ESE	31/10/2010	15:51:57	44
773	CAM - E	581	455007.340	5788807.150	Force 4 ESE	31/10/2010	15:59:27	44
773	CAM - F	582	454982.100	5788796.520	Force 4 ESE	31/10/2010	16:01:00	44
773	CAM - G	583	454979.670	5788792.980	Force 4 ESE	31/10/2010	16:01:10	44
773	CAM - H	584	454975.400	5788789.100	Force 4 ESE	31/10/2010	16:01:22	44
773	CAM - I	585	454934.580	5788789.100	Force 4 ESE	31/10/2010	16:02:56	44
773	CAM - J	586	454955.160	5788804.420	Force 4 ESE	31/10/2010	16:03:47	44
773	CAM - K	587	454956.050	5788800.520	Force 4 ESE	31/10/2010	16:04:02	44
774	CAM - A	1688	451990.530	5809769.620	Force 1 variable	30/12/2010	05:17:19	57.3
774	CAM - B	1689	451995.340	5809776.260	Force 1 variable	30/12/2010	05:17:44	57.3
774	CAM - C	1690	451997.400	5809782.430	Force 1 variable	30/12/2010	05:18:09	57.3
774	CAM - D	1691	451996.900	5809785.270	Force 1 variable	30/12/2010	05:18:24	57.3
774	CAM - E	1692	451990.410	5809778.250	Force 1 variable	30/12/2010	05:19:04	57.3
774	CAM - F	1693	451988.400	5809775.010	Force 1 variable	30/12/2010	05:19:12	57.3
774	CAM - G	1694	451981.380	5809769.060	Force 1 variable	30/12/2010	05:19:40	57.3
774	CAM - H	1695	451969.110	5809774.330	Force 1 variable	30/12/2010	05:20:18	57.3
775	CAM - A	1715	452060.670	5812054.940	Force 1 variable	30/12/2010	07:00:27	47.1
775	CAM - B	1716	452059.820	5812058.960	Force 1 variable	30/12/2010	07:00:49	47.1
775	CAM - C	1717	452028.840	5812069.750	Force 1 variable	30/12/2010	07:02:12	47.1
775	CAM - D	1718	452029.370	5812071.270	Force 1 variable	30/12/2010	07:06:15	47.1
775	CAM - E	1719	452031.020	5812072.070	Force 1 variable	30/12/2010	07:06:40	47.1
775	CAM - F	1720	452031.440	5812067.840	Force 1 variable	30/12/2010	07:07:13	47.1
775	CAM - G	1721	452026.190	5812047.580	Force 1 variable	30/12/2010	07:08:09	47.1
775	CAM - H	1722	452024.880	5812043.960	Force 1 variable	30/12/2010	07:08:33	47.1
775	CAM - I	1723	452023.750	5812041.810	Force 1 variable	30/12/2010	07:09:09	47.1
776	CAM - A	803	452993.020	5835634.520	Force 2 Variable	14/11/2010	10:31:15	45.4
776	CAM - B	804	452992.830	5835645.710	Force 2 Variable	14/11/2010	10:32:08	45.4
776	CAM - C	805	452992.380	5835656.450	Force 2 Variable	14/11/2010	10:33:26	45.4
776	CAM - D	806	453010.000	5835640.010	Force 2 Variable	14/11/2010	10:34:56	45.4
776	CAM - E	807	453021.020	5835647.770	Force 2 Variable	14/11/2010	10:36:57	45.4
777	CAM - A	1889	461937.490	5833803.390	Force 2 NW	31/12/2010	12:21:34	48.8

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
777	CAM - B	1890	461951.450	5833811.330	Force 2 NW	31/12/2010	12:23:09	48.8
777	CAM - C	1891	461960.230	5833806.220	Force 2 NW	31/12/2010	12:24:10	48.8
777	CAM - D	1892	461954.630	5833803.890	Force 2 NW	31/12/2010	12:25:12	48.8
777	CAM - E	1893	461946.650	5833803.590	Force 2 NW	31/12/2010	12:26:09	48.8
777	CAM - F	1894	461946.040	5833803.860	Force 2 NW	31/12/2010	12:26:13	48.8
777	CAM - G	1895	461943.430	5833798.280	Force 2 NW	31/12/2010	12:27:20	48.8
777	CAM - H	1896	461943.720	5833798.210	Force 2 NW	31/12/2010	12:27:30	48.8
778	CAM - A	1898	462992.250	5836395.610	Force 2 NW	31/12/2010	13:11:28	52.7
778	CAM - B	1899	462991.750	5836395.320	Force 2 NW	31/12/2010	13:11:37	52.7
778	CAM - C	1900	462991.640	5836396.000	Force 2 NW	31/12/2010	13:12:07	52.7
778	CAM - D	1901	462991.570	5836397.130	Force 2 NW	31/12/2010	13:12:21	52.7
778	CAM - E	1902	462988.740	5836401.810	Force 2 NW	31/12/2010	13:13:36	52.7
778	CAM - F	1903	462990.850	5836399.140	Force 2 NW	31/12/2010	13:14:05	52.7
778	CAM - G	1904	462994.630	5836400.290	Force 2 NW	31/12/2010	13:14:55	52.7
778	CAM - H	1905	462995.330	5836401.680	Force 2 NW	31/12/2010	13:15:10	52.7
778	CAM - I	1906	462995.760	5836404.230	Force 2 NW	31/12/2010	13:16:13	52.7
778	CAM - J	1907	462992.770	5836409.370	Force 2 NW	31/12/2010	13:17:13	52.7
779	CAM - A	776	463966.540	5819562.590	Force 2 variable	13/11/2010	23:51:35	49.1
779	CAM - B	777	463967.710	5819566.340	Force 2 variable	13/11/2010	23:52:39	49.1
779	CAM - C	778	463989.500	5819592.180	Force 2 variable	13/11/2010	23:54:59	49.1
779	CAM - D	779	463978.890	5819567.900	Force 2 variable	13/11/2010	23:56:52	49.1
779	CAM - E	780	463979.010	5819555.640	Force 3 S	13/11/2010	00:00:13	49.1
779	CAM - F	781	463979.190	5819557.310	Force 3 S	13/11/2010	00:00:26	49.1
779	CAM - G	782	463979.960	5819559.790	Force 3 S	13/11/2010	00:00:48	49.1
779	CAM - H	783	463979.870	5819560.490	Force 3 S	13/11/2010	00:01:04	49.1
780	CAM - A	1909	467973.060	5837835.310	Force 2 NW	31/12/2010	14:13:47	45.2
780	CAM - B	1910	467950.880	5837841.300	Force 2 NW	31/12/2010	14:15:22	45.2
780	CAM - C	1911	467958.080	5837841.170	Force 2 NW	31/12/2010	14:17:32	45.2
780	CAM - D	1912	467961.390	5837841.720	Force 2 NW	31/12/2010	14:17:49	45.2
780	CAM - E	1913	467963.160	5837838.020	Force 2 NW	31/12/2010	14:18:48	45.2
780	CAM - F	1914	467958.220	5837838.050	Force 2 NW	31/12/2010	14:19:48	45.2
780	CAM - G	1915	467948.940	5837839.950	Force 2 NW	31/12/2010	14:20:51	45.2
780	CAM - H	1916	467947.570	5837839.900	Force 2 NW	31/12/2010	14:21:06	45.2
780	CAM - I	1917	467946.470	5837837.790	Force 2 NW	31/12/2010	14:22:03	45.2
781	CAM - A	1918	468051.920	5837859.740	Force 2 NW	31/12/2010	14:37:22	45.5
781	CAM - B	1919	468055.110	5837873.820	Force 2 NW	31/12/2010	14:39:46	45.5
781	CAM - C	1920	468055.610	5837878.680	Force 2 NW	31/12/2010	14:41:41	45.5
781	CAM - D	1921	468052.090	5837876.120	Force 2 NW	31/12/2010	14:42:48	45.5
781	CAM - E	1922	468051.300	5837867.420	Force 2 NW	31/12/2010	14:43:40	45.5
781	CAM - F	1923	468053.210	5837861.030	Force 2 NW	31/12/2010	14:44:25	45.5
781	CAM - G	1924	468053.700	5837860.780	Force 2 NW	31/12/2010	14:44:28	45.5
781	CAM - H	1925	468047.520	5837861.060	Force 2 NW	31/12/2010	14:45:49	45.5
781	CAM - I	1926	468042.050	5837854.980	Force 2 NW	31/12/2010	14:47:02	45.5
781	CAM - J	1927	468041.460	5837851.980	Force 2 NW	31/12/2010	14:47:25	45.5
782	CAM - A	829	466768.830	5829019.680	Force 2 Variable	14/11/2010	17:20:56	49.8
782	CAM - B	830	466769.480	5829018.570	Force 2 Variable	14/11/2010	17:23:12	49.8
782	CAM - C	831	466769.960	5829023.420	Force 2 Variable	14/11/2010	17:24:56	49.8
782	CAM - D	832	466771.580	5829019.550	Force 2 Variable	14/11/2010	17:26:47	49.8
782	CAM - E	833	466770.580	5829018.190	Force 2 Variable	14/11/2010	17:27:02	49.8
782	CAM - F	834	466772.240	5829019.450	Force 2 Variable	14/11/2010	17:30:26	49.8
782	CAM - G	835	466772.400	5829020.500	Force 2 Variable	14/11/2010	17:30:39	49.8
785	CAM - A	1380	457005.490	5863309.330	Force 3 WNW	26/12/2010	22:06:44	42.2
785	CAM - B	1381	457005.350	5863309.640	Force 3 WNW	26/12/2010	22:06:56	42.2
785	CAM - C	1382	456998.680	5863303.750	Force 3 WNW	26/12/2010	22:07:47	42.2
785	CAM - D	1383	457001.130	5863301.770	Force 3 WNW	26/12/2010	22:08:40	42.2
785	CAM - E	1384	457000.720	5863301.740	Force 3 WNW	26/12/2010	22:08:43	42.2
785	CAM - F	1385	457002.850	5863306.670	Force 3 WNW	26/12/2010	22:09:52	42.2
785	CAM - G	1386	457001.910	5863303.910	Force 3 WNW	26/12/2010	22:10:05	42.2



Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
786	CAM - A	1370	457000.730	5863036.860	Force 4 NW	26/12/2010	21:31:06	43.1
786	CAM - B	1371	457009.970	5863038.600	Force 4 NW	26/12/2010	21:32:01	43.1
786	CAM - C	1372	457015.790	5863037.860	Force 4 NW	26/12/2010	21:32:15	43.1
786	CAM - D	1373	457013.540	5863029.590	Force 4 NW	26/12/2010	21:34:17	43.1
786	CAM - E	1374	457015.200	5863020.860	Force 4 NW	26/12/2010	21:34:50	43.1
786	CAM - F	1375	457021.250	5863010.600	Force 4 NW	26/12/2010	21:35:25	43.1
786	CAM - G	1376	456993.570	5863027.680	Force 4 NW	26/12/2010	21:40:58	43.1
786	CAM - H	1377	457017.710	5863057.770	Force 4 NW	26/12/2010	21:42:54	43.1
786	CAM - I	1378	457015.170	5863048.370	Force 4 NW	26/12/2010	21:44:54	43.1
786	CAM - J	1379	457012.820	5863047.310	Force 4 NW	26/12/2010	21:45:08	43.1
787	CAM - A	1351	456985.350	5862450.520	Force 4 NW	26/12/2010	16:57:28	41.3
787	CAM - B	1352	456982.950	5862452.740	Force 4 NW	26/12/2010	16:57:36	41.3
787	CAM - C	1353	456981.160	5862459.850	Force 4 NW	26/12/2010	16:58:00	41.3
787	CAM - D	1354	456982.740	5862430.100	Force 4 NW	26/12/2010	17:16:29	41.3
787	CAM - E	1355	456980.920	5862438.660	Force 4 NW	26/12/2010	17:17:03	41.3
787	CAM - F	1356	456986.110	5862436.820	Force 4 NW	26/12/2010	17:17:17	41.3
787	CAM - G	1357	456997.560	5862424.610	Force 4 NW	26/12/2010	17:18:23	41.3
787	CAM - H	1358	456994.130	5862424.270	Force 4 NW	26/12/2010	17:18:36	41.3
788	CAM - A	2013	459014.580	5845638.530	Force 3 - 4 NW	31/12/2010	23:29:16	48.8
788	CAM - B	2014	459009.300	5845634.220	Force 3 - 4 NW	31/12/2010	23:29:49	48.8
788	CAM - C	2015	459006.720	5845637.720	Force 3 - 4 NW	31/12/2010	23:30:38	48.8
788	CAM - D	2016	459006.410	5845636.180	Force 3 - 4 NW	31/12/2010	23:30:48	48.8
788	CAM - E	2017	459010.300	5845641.010	Force 3 - 4 NW	31/12/2010	23:31:25	48.8
788	CAM - F	2018	459014.090	5845633.850	Force 3 - 4 NW	31/12/2010	23:32:12	48.8
788	CAM - G	2019	459013.120	5845634.900	Force 3 - 4 NW	31/12/2010	23:32:48	48.8
788	CAM - H	2020	459012.710	5845643.540	Force 3 - 4 NW	31/12/2010	23:33:37	48.8
788	CAM - I	2021	459006.900	5845633.150	Force 3 - 4 NW	31/12/2010	23:34:25	48.8
788	CAM - J	2022	459018.020	5845640.560	Force 3 - 4 NW	31/12/2010	23:36:19	48.8
789	CAM - A	2023	459009.000	5844830.870	Force 3 - 4 NW	01/01/2011	00:02:55	49.8
789	CAM - B	2024	459009.560	5844826.570	Force 3 - 4 NW	01/01/2011	00:03:45	49.8
789	CAM - C	2025	459013.590	5844829.360	Force 3 - 4 NW	01/01/2011	00:04:40	49.8
789	CAM - D	2026	459010.770	5844826.150	Force 3 - 4 NW	01/01/2011	00:05:26	49.8
789	CAM - E	2027	459015.100	5844824.490	Force 3 - 4 NW	01/01/2011	00:06:35	49.8
789	CAM - F	2028	459023.250	5844826.600	Force 3 - 4 NW	01/01/2011	00:07:38	49.8
790	CAM - A	2029	459015.540	5843718.910	Force 3 - 4 NW	01/01/2011	00:34:04	49.5
790	CAM - B	2030	459015.620	5843720.480	Force 3 - 4 NW	01/01/2011	00:34:26	49.5
790	CAM - C	2031	459016.240	5843721.370	Force 3 - 4 NW	01/01/2011	00:34:37	49.5
790	CAM - D	2032	459018.610	5843724.730	Force 3 - 4 NW	01/01/2011	00:35:04	49.5
790	CAM - E	2033	459019.030	5843725.410	Force 3 - 4 NW	01/01/2011	00:35:09	49.5
790	CAM - F	2034	459016.060	5843726.040	Force 3 - 4 NW	01/01/2011	00:35:44	49.5
790	CAM - G	2035	459015.460	5843725.910	Force 3 - 4 NW	01/01/2011	00:35:51	49.5
790	CAM - H	2036	459015.290	5843728.010	Force 3 - 4 NW	01/01/2011	00:36:18	49.5
790	CAM - I	2037	459016.940	5843730.190	Force 3 - 4 NW	01/01/2011	00:36:47	49.5
790	CAM - J	2038	459018.120	5843724.850	Force 3 - 4 NW	01/01/2011	00:37:24	49.5
792	CAM - A	1955	461013.200	5843600.820	Force 1 variable	31/12/2010	18:54:13	50.9
792	CAM - B	1956	461013.970	5843599.480	Force 1 variable	31/12/2010	18:54:23	50.9
792	CAM - C	1957	461021.070	5843605.200	Force 1 variable	31/12/2010	18:55:27	50.9
792	CAM - D	1958	461015.020	5843605.810	Force 1 variable	31/12/2010	18:57:08	50.9
792	CAM - E	1959	461014.540	5843605.240	Force 1 variable	31/12/2010	18:57:30	50.9
792	CAM - F	1960	461015.170	5843601.590	Force 1 variable	31/12/2010	18:57:59	50.9
792	CAM - G	1961	461016.630	5843602.960	Force 1 variable	31/12/2010	18:59:00	50.9
792	CAM - H	1962	461017.380	5843605.440	Force 1 variable	31/12/2010	18:59:20	50.9
792	CAM - I	1963	461017.650	5843605.990	Force 1 variable	31/12/2010	18:59:39	50.9
792	CAM - J	1964	461015.370	5843605.050	Force 1 variable	31/12/2010	19:00:35	50.9
793	CAM - A	1930	461025.290	5838274.820	Force 2 NW	31/12/2010	16:09:54	51.6
793	CAM - B	1931	461027.080	5838275.370	Force 2 NW	31/12/2010	16:10:24	51.6
793	CAM - C	1932	461018.770	5838279.410	Force 2 NW	31/12/2010	16:11:39	51.6
793	CAM - D	1933	461015.250	5838277.430	Force 2 NW	31/12/2010	16:12:07	51.6

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
793	CAM - E	1934	461020.080	5838274.970	Force 2 NW	31/12/2010	16:12:52	51.6
793	CAM - F	1935	461032.080	5838269.760	Force 2 NW	31/12/2010	16:13:52	51.6
793	CAM - G	1936	461039.300	5838278.460	Force 2 NW	31/12/2010	16:14:53	51.6
793	CAM - H	1937	461035.640	5838287.770	Force 2 NW	31/12/2010	16:17:04	51.6
793	CAM - I	1938	461034.990	5838288.190	Force 2 NW	31/12/2010	16:17:07	51.6
794	CAM - A	1996	463000.350	5848564.140	Force 3 - 4 NW	31/12/2010	21:45:17	49.1
794	CAM - B	1997	462997.160	5848563.090	Force 3 - 4 NW	31/12/2010	21:46:27	49.1
794	CAM - C	1998	463001.610	5848567.570	Force 3 - 4 NW	31/12/2010	21:47:43	49.1
794	CAM - D	1999	463001.170	5848563.770	Force 3 - 4 NW	31/12/2010	21:48:20	49.1
794	CAM - E	2000	463001.910	5848563.620	Force 3 - 4 NW	31/12/2010	21:49:23	49.1
794	CAM - F	2001	462998.720	5848562.530	Force 3 - 4 NW	31/12/2010	21:49:41	49.1
794	CAM - G	2002	463003.280	5848567.950	Force 3 - 4 NW	31/12/2010	21:50:26	49.1
794	CAM - H	2003	463002.630	5848570.540	Force 3 - 4 NW	31/12/2010	21:51:20	49.1
795	CAM - A	1989	462990.110	5848373.430	Force 3 - 4 NW	31/12/2010	21:22:07	49.1
795	CAM - B	1990	462989.580	5848368.960	Force 3 - 4 NW	31/12/2010	21:23:22	49.1
795	CAM - C	1991	462987.530	5848377.930	Force 3 - 4 NW	31/12/2010	21:24:49	49.1
795	CAM - D	1992	462985.590	5848379.320	Force 3 - 4 NW	31/12/2010	21:26:23	49.1
795	CAM - E	1993	462981.460	5848376.760	Force 3 - 4 NW	31/12/2010	21:26:50	49.1
795	CAM - F	1994	462982.830	5848374.240	Force 3 - 4 NW	31/12/2010	21:28:43	49.1
795	CAM - G	1995	462988.700	5848377.060	Force 3 - 4 NW	31/12/2010	21:30:25	49.1
796	CAM - A	1982	462993.100	5847705.400	Force 1 variable	31/12/2010	20:49:41	49.1
796	CAM - B	1983	462999.830	5847691.930	Force 1 variable	31/12/2010	20:52:52	49.1
796	CAM - C	1984	462999.720	5847688.840	Force 1 variable	31/12/2010	20:53:31	49.1
796	CAM - D	1985	463000.350	5847688.270	Force 1 variable	31/12/2010	20:53:36	49.1
796	CAM - E	1986	462998.570	5847688.460	Force 1 variable	31/12/2010	20:56:25	49.1
796	CAM - F	1987	463008.290	5847697.050	Force 1 variable	31/12/2010	20:57:40	49.1
796	CAM - G	1988	463005.340	5847699.370	Force 1 variable	31/12/2010	20:58:34	49.1
797	CAM - A	1975	463004.160	5846623.990	Force 1 variable	31/12/2010	20:10:11	49.1
797	CAM - B	1976	463006.090	5846623.370	Force 1 variable	31/12/2010	20:10:48	49.1
797	CAM - C	1977	463009.060	5846618.760	Force 1 variable	31/12/2010	20:11:43	49.1
797	CAM - D	1978	463008.070	5846618.280	Force 1 variable	31/12/2010	20:11:49	49.1
797	CAM - E	1979	463006.150	5846617.260	Force 1 variable	31/12/2010	20:12:03	49.1
797	CAM - F	1980	462999.550	5846610.750	Force 1 variable	31/12/2010	20:13:15	49.1
797	CAM - G	1981	462999.220	5846606.000	Force 1 variable	31/12/2010	20:14:06	49.1
798	CAM - A	1940	463011.270	5842032.670	Force 2 NW	31/12/2010	17:20:56	50.9
798	CAM - B	1941	463006.870	5842034.930	Force 2 NW	31/12/2010	17:21:47	50.9
798	CAM - C	1942	463003.560	5842036.670	Force 2 NW	31/12/2010	17:22:48	50.9
798	CAM - D	1943	463008.940	5842026.160	Force 2 NW	31/12/2010	17:24:39	50.9
798	CAM - E	1944	463004.040	5842039.050	Force 2 NW	31/12/2010	17:26:00	50.9
798	CAM - F	1945	462999.430	5842035.500	Force 2 NW	31/12/2010	17:26:35	50.9
798	CAM - G	1946	462994.140	5842031.020	Force 2 NW	31/12/2010	17:27:17	50.9
801	CAM - A	2148	470985.020	5849866.760	Force 2 - 3 NNE	07/01/2011	01:18:45	43.8
801	CAM - B	2149	470982.640	5849871.110	Force 2 - 3 NNE	07/01/2011	01:19:26	43.8
801	CAM - C	2150	470978.160	5849877.750	Force 2 - 3 NNE	07/01/2011	01:19:48	43.8
801	CAM - D	2151	470988.090	5849865.010	Force 2 - 3 NNE	07/01/2011	01:20:42	43.8
801	CAM - E	2152	470986.130	5849862.800	Force 2 - 3 NNE	07/01/2011	01:21:24	43.8
801	CAM - F	2153	470980.770	5849864.790	Force 2 - 3 NNE	07/01/2011	01:22:15	43.8
801	CAM - G	2154	470982.430	5849870.440	Force 2 - 3 NNE	07/01/2011	01:22:49	43.8
801	CAM - H	2155	470986.230	5849876.610	Force 2 - 3 NNE	07/01/2011	01:24:11	43.8
802	CAM - A	2098	441009.320	5850904.510	Force 3 W	06/01/2011	12:40:40	40.7
802	CAM - B	2099	441010.710	5850903.420	Force 3 W	06/01/2011	12:40:50	40.7
802	CAM - C	2100	441011.840	5850901.120	Force 3 W	06/01/2011	12:41:17	40.7
802	CAM - D	2101	441016.780	5850898.760	Force 3 W	06/01/2011	12:42:04	40.7
802	CAM - E	2102	441023.830	5850900.290	Force 3 W	06/01/2011	12:42:43	40.7
802	CAM - F	2103	441026.540	5850905.140	Force 3 W	06/01/2011	12:43:00	40.7
802	CAM - G	2104	441023.730	5850915.940	Force 3 W	06/01/2011	12:43:23	40.7
802	CAM - H	2105	441004.470	5850927.040	Force 3 W	06/01/2011	12:44:35	40.7
802	CAM - I	2106	440993.530	5850923.790	Force 3 W	06/01/2011	12:45:37	40.7

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
802	CAM - J	2107	440990.440	5850911.490	Force 3 W	06/01/2011	12:46:38	40.7
802	CAM - K	2108	440990.660	5850914.180	Force 3 W	06/01/2011	12:47:09	40.7
803	CAM - A	2112	450986.160	5850504.560	Force 3 W	06/01/2011	14:33:55	52.7
803	CAM - B	2113	450992.080	5850503.760	Force 3 W	06/01/2011	14:34:08	52.7
803	CAM - C	2114	451007.170	5850502.380	Force 3 W	06/01/2011	14:34:36	52.7
803	CAM - D	2115	451022.100	5850497.020	Force 3 W	06/01/2011	14:35:07	52.7
803	CAM - E	2116	451022.440	5850482.990	Force 3 W	06/01/2011	14:35:50	52.7
803	CAM - F	2117	451010.550	5850481.750	Force 3 W	06/01/2011	14:36:19	52.7
803	CAM - G	2118	450996.210	5850493.600	Force 3 W	06/01/2011	14:36:54	52.7
803	CAM - H	2119	450962.520	5850496.960	Force 3 W	06/01/2011	14:37:46	52.7
804	CAM - A	2071	453019.870	5847338.840	Force 3 - 4 NW	01/01/2011	02:57:06	50.2
804	CAM - B	2072	453022.270	5847336.670	Force 3 - 4 NW	01/01/2011	02:58:30	50.2
804	CAM - C	2073	453017.570	5847337.940	Force 3 - 4 NW	01/01/2011	02:59:06	50.2
804	CAM - D	2074	453012.990	5847338.030	Force 3 - 4 NW	01/01/2011	02:59:36	50.2
804	CAM - E	2075	453017.300	5847338.220	Force 3 - 4 NW	01/01/2011	03:00:14	50.2
804	CAM - F	2076	453022.250	5847336.440	Force 3 - 4 NW	01/01/2011	03:00:43	50.2
804	CAM - G	2077	453015.590	5847338.170	Force 3 - 4 NW	01/01/2011	03:01:21	50.2
804	CAM - H	2078	453008.440	5847337.910	Force 3 - 4 NW	01/01/2011	03:01:53	50.2
804	CAM - I	2079	453008.100	5847336.660	Force 3 - 4 NW	01/01/2011	03:02:10	50.2
805	CAM - A	2062	453016.550	5846635.910	Force 3 - 4 NW	01/01/2011	02:29:00	50.8
805	CAM - B	2063	453015.190	5846634.950	Force 3 - 4 NW	01/01/2011	02:29:35	50.8
805	CAM - C	2064	453014.770	5846634.780	Force 3 - 4 NW	01/01/2011	02:30:07	50.8
805	CAM - D	2065	453012.640	5846630.880	Force 3 - 4 NW	01/01/2011	02:30:44	50.8
805	CAM - E	2066	453010.030	5846627.040	Force 3 - 4 NW	01/01/2011	02:31:24	50.8
805	CAM - F	2067	453010.630	5846625.570	Force 3 - 4 NW	01/01/2011	02:32:01	50.8
805	CAM - G	2068	453005.970	5846629.130	Force 3 - 4 NW	01/01/2011	02:32:41	50.8
805	CAM - H	2069	453004.480	5846629.430	Force 3 - 4 NW	01/01/2011	02:32:52	50.8
805	CAM - I	2070	453010.720	5846639.500	Force 3 - 4 NW	01/01/2011	02:33:50	50.8
806	CAM - A	2049	453014.050	5846150.600	Force 3 - 4 NW	01/01/2011	02:04:55	52
806	CAM - B	2050	453016.090	5846150.760	Force 3 - 4 NW	01/01/2011	02:05:12	52
806	CAM - C	2051	453020.770	5846153.140	Force 3 - 4 NW	01/01/2011	02:05:39	52
806	CAM - D	2052	453020.700	5846152.260	Force 3 - 4 NW	01/01/2011	02:06:00	52
806	CAM - E	2053	453022.280	5846152.340	Force 3 - 4 NW	01/01/2011	02:06:29	52
806	CAM - F	2054	453025.640	5846149.200	Force 3 - 4 NW	01/01/2011	02:07:16	52
806	CAM - G	2055	453028.200	5846144.450	Force 3 - 4 NW	01/01/2011	02:07:49	52
806	CAM - H	2056	453023.830	5846139.560	Force 3 - 4 NW	01/01/2011	02:08:21	52
806	CAM - I	2057	453019.030	5846139.600	Force 3 - 4 NW	01/01/2011	02:08:41	52
806	CAM - J	2058	453014.550	5846143.500	Force 3 - 4 NW	01/01/2011	02:09:03	52
806	CAM - K	2059	453014.620	5846145.240	Force 3 - 4 NW	01/01/2011	02:09:13	52
806	CAM - L	2060	453016.280	5846151.600	Force 3 - 4 NW	01/01/2011	02:09:38	52
806	CAM - M	2061	453017.720	5846156.500	Force 3 - 4 NW	01/01/2011	02:10:36	52
807	CAM - A	808	453026.850	5836992.410	Force 2 Variable	14/11/2010	11:02:35	45.9
807	CAM - B	809	453022.300	5836992.710	Force 2 Variable	14/11/2010	11:03:07	45.9
807	CAM - C	810	453014.510	5837002.520	Force 2 Variable	14/11/2010	11:04:52	45.9
807	CAM - D	811	453014.030	5837005.790	Force 2 Variable	14/11/2010	11:05:05	45.9
808	CAM - A	1333	454990.480	5861535.560	Force 4 NW	26/12/2010	15:33:27	44
808	CAM - B	1334	454991.950	5861536.540	Force 4 NW	26/12/2010	15:33:45	44
808	CAM - C	1335	454999.120	5861529.970	Force 4 NW	26/12/2010	15:37:26	44
808	CAM - D	1336	455001.190	5861530.760	Force 4 NW	26/12/2010	15:37:47	44
808	CAM - E	1337	454993.030	5861531.390	Force 4 NW	26/12/2010	15:39:51	44
808	CAM - F	1338	454992.570	5861532.280	Force 4 NW	26/12/2010	15:40:13	44
808	CAM - G	1339	454988.630	5861544.650	Force 4 NW	26/12/2010	15:42:32	44
808	CAM - H	1340	454993.020	5861551.750	Force 4 NW	26/12/2010	15:43:19	44
808	CAM - I	1341	454997.540	5861554.060	Force 4 NW	26/12/2010	15:43:37	44
808	CAM - J	1342	455007.220	5861556.140	Force 4 NW	26/12/2010	15:44:21	44
808	CAM - K	1343	455007.350	5861560.680	Force 4 NW	26/12/2010	15:45:19	44
809	CAM - A	908	486999.390	5846365.300	Force 2 - 3 NW	15/11/2010	18:22:06	40
809	CAM - B	909	486992.880	5846361.090	Force 2 - 3 NW	15/11/2010	18:23:06	40

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
809	CAM - C	910	486987.190	5846365.790	Force 2 - 3 NW	15/11/2010	18:23:46	40
809	CAM - D	911	486986.740	5846366.490	Force 2 - 3 NW	15/11/2010	18:24:31	40
809	CAM - E	912	486991.570	5846368.810	Force 2 - 3 NW	15/11/2010	18:25:49	40
809	CAM - F	913	486995.920	5846378.660	Force 2 - 3 NW	15/11/2010	18:27:49	40
809	CAM - G	914	486997.650	5846376.170	Force 2 - 3 NW	15/11/2010	18:28:31	40
809	CAM - H	915	486993.190	5846380.740	Force 2 - 3 NW	15/11/2010	18:29:46	40
810	CAM - A	917	487000.800	5847495.900	Force 2 - 3 NW	15/11/2010	19:01:44	39.2
810	CAM - B	918	486997.560	5847501.120	Force 2 - 3 NW	15/11/2010	19:03:52	39.2
810	CAM - C	919	487001.490	5847507.190	Force 2 - 3 NW	15/11/2010	19:06:02	39.2
810	CAM - D	920	487003.540	5847509.580	Force 2 - 3 NW	15/11/2010	19:08:44	39.2
810	CAM - E	921	487002.570	5847510.140	Force 2 - 3 NW	15/11/2010	19:09:43	39.2
810	CAM - F	922	487005.090	5847509.440	Force 2 - 3 NW	15/11/2010	19:10:47	39.2
811	CAM - A	924	487001.770	5850199.540	Force 2 - 3 NW	15/11/2010	19:51:29	38.3
811	CAM - B	925	487001.030	5850199.540	Force 2 - 3 NW	15/11/2010	19:51:42	38.3
811	CAM - C	926	486997.510	5850201.130	Force 2 - 3 NW	15/11/2010	19:52:53	38.3
811	CAM - D	927	487003.130	5850203.770	Force 2 - 3 NW	15/11/2010	19:54:38	38.3
811	CAM - E	928	487002.340	5850203.900	Force 2 - 3 NW	15/11/2010	19:54:43	38.3
811	CAM - F	929	487005.010	5850202.070	Force 2 - 3 NW	15/11/2010	19:56:21	38.3
811	CAM - G	930	487004.430	5850197.870	Force 2 - 3 NW	15/11/2010	19:58:25	38.3
812	CAM - A	846	488997.800	5840318.540	Force 3 WNW	15/11/2010	12:26:23	40.2
812	CAM - B	847	488994.600	5840323.640	Force 3 WNW	15/11/2010	12:26:58	40.2
812	CAM - C	848	488999.870	5840314.280	Force 3 WNW	15/11/2010	12:29:03	40.2
812	CAM - D	849	488987.690	5840308.580	Force 3 WNW	15/11/2010	12:33:50	40.2
812	CAM - E	850	488987.320	5840309.370	Force 3 WNW	15/11/2010	12:34:06	40.2
812	CAM - F	851	488985.080	5840320.460	Force 3 WNW	15/11/2010	12:36:27	40.2
812	CAM - G	852	488984.870	5840314.090	Force 3 WNW	15/11/2010	12:38:35	40.2
813	CAM - A	853	489000.590	5839815.070	Force 3 WNW	15/11/2010	12:59:02	41.2
813	CAM - B	854	488998.250	5839814.710	Force 3 WNW	15/11/2010	13:00:02	41.2
813	CAM - C	855	488988.280	5839813.330	Force 3 WNW	15/11/2010	13:02:07	41.2
813	CAM - D	856	488994.030	5839820.340	Force 3 WNW	15/11/2010	13:04:36	41.2
813	CAM - E	857	488994.020	5839820.200	Force 3 WNW	15/11/2010	13:04:40	41.2
813	CAM - F	858	488992.130	5839819.330	Force 3 WNW	15/11/2010	13:06:03	41.2
813	CAM - G	859	488989.760	5839811.520	Force 3 WNW	15/11/2010	13:07:25	41.2
814	CAM - A	888	489996.450	5839207.190	Force 3 WNW	15/11/2010	14:43:29	39.1
814	CAM - B	889	490001.160	5839204.230	Force 3 WNW	15/11/2010	14:44:14	39.1
814	CAM - C	890	490005.280	5839203.290	Force 3 WNW	15/11/2010	14:45:09	39.1
814	CAM - D	891	490006.320	5839198.530	Force 3 WNW	15/11/2010	14:45:40	39.1
814	CAM - E	892	490001.610	5839196.430	Force 3 WNW	15/11/2010	14:46:23	39.1
814	CAM - F	893	489999.000	5839200.030	Force 3 WNW	15/11/2010	14:47:21	39.1
814	CAM - G	894	489995.810	5839198.720	Force 3 WNW	15/11/2010	14:48:14	39.1
814	CAM - H	895	489993.760	5839202.550	Force 3 WNW	15/11/2010	14:48:43	39.1
814	CAM - I	896	489996.810	5839200.580	Force 3 WNW	15/11/2010	14:49:30	39.1
814	CAM - J	897	490000.580	5839204.230	Force 3 WNW	15/11/2010	14:50:01	39.1
815	CAM - A	877	490005.530	5839416.360	Force 3 WNW	15/11/2010	14:20:52	39.2
815	CAM - B	878	489991.880	5839428.280	Force 3 WNW	15/11/2010	14:21:53	39.2
815	CAM - C	879	489995.580	5839431.450	Force 3 WNW	15/11/2010	14:22:34	39.2
815	CAM - D	880	489998.070	5839434.060	Force 3 WNW	15/11/2010	14:22:48	39.2
815	CAM - E	881	490001.640	5839441.440	Force 3 WNW	15/11/2010	14:23:35	39.2
815	CAM - F	882	490003.850	5839433.140	Force 3 WNW	15/11/2010	14:24:59	39.2
815	CAM - G	883	489995.760	5839425.290	Force 3 WNW	15/11/2010	14:25:54	39.2
815	CAM - H	884	489990.700	5839427.850	Force 3 WNW	15/11/2010	14:27:06	39.2
815	CAM - I	885	489992.050	5839430.530	Force 3 WNW	15/11/2010	14:27:45	39.2
815	CAM - J	886	489994.440	5839434.220	Force 3 WNW	15/11/2010	14:28:29	39.2
815	CAM - K	887	489995.160	5839434.850	Force 3 WNW	15/11/2010	14:28:45	39.2
816	CAM - A	975	505269.700	5848002.470	Force 2 Variable	16/11/2010	12:23:24	25.3
816	CAM - B	976	505271.710	5847997.540	Force 2 Variable	16/11/2010	12:24:10	25.3
816	CAM - C	977	505264.000	5847993.760	Force 2 Variable	16/11/2010	12:25:10	25.3
816	CAM - D	978	505240.470	5848026.160	Force 2 Variable	16/11/2010	12:27:09	25.3

Station	Image	Fix	Easting	Northing	Weather Conditions	Date	Time (GMT)	Depth (m)
816	CAM - E	979	505282.890	5848017.960	Force 2 Variable	16/11/2010	12:29:36	25.3
816	CAM - F	980	505278.650	5848002.880	Force 2 Variable	16/11/2010	12:30:42	25.3
817	CAM - A	860	489662.760	5840038.480	Force 3 WNW	15/11/2010	13:28:06	39.1
817	CAM - B	861	489657.750	5840021.640	Force 3 WNW	15/11/2010	13:30:27	39.1
817	CAM - C	862	489655.760	5840012.510	Force 3 WNW	15/11/2010	13:31:15	39.1
817	CAM - D	863	489656.600	5840012.270	Force 3 WNW	15/11/2010	13:31:25	39.1
817	CAM - E	864	489656.500	5840013.450	Force 3 WNW	15/11/2010	13:31:44	39.1
817	CAM - F	865	489661.340	5840030.720	Force 3 WNW	15/11/2010	13:33:23	39.1
817	CAM - G	866	489666.710	5840029.470	Force 3 WNW	15/11/2010	13:33:53	39.1
817	CAM - H	867	489668.540	5840029.460	Force 3 WNW	15/11/2010	13:34:22	39.1
817	CAM - I	868	489671.200	5840029.290	Force 3 WNW	15/11/2010	13:34:44	39.1
818	CAM - A	1213	489997.820	5874548.680	Force 3 N	07/12/2010	13:08:47	32.9
818	CAM - B	1214	489996.670	5874549.590	Force 3 N	07/12/2010	13:09:24	32.9
818	CAM - C	1215	489995.490	5874550.620	Force 3 N	07/12/2010	13:09:34	32.9
818	CAM - D	1216	489989.620	5874549.630	Force 3 N	07/12/2010	13:10:39	32.9
818	CAM - E	1217	489988.540	5874549.730	Force 3 N	07/12/2010	13:10:47	32.9
818	CAM - F	1218	489959.540	5874549.360	Force 3 N	07/12/2010	13:14:42	32.9
818	CAM - G	1219	489963.030	5874546.680	Force 3 N	07/12/2010	13:14:58	32.9
818	CAM - H	1220	489982.350	5874542.880	Force 3 N	07/12/2010	13:16:24	32.9
818	CAM - I	1221	489984.410	5874543.140	Force 3 N	07/12/2010	13:16:33	32.9
818	CAM - J	1222	489986.220	5874543.320	Force 3 N	07/12/2010	13:16:40	32.9
819	CAM - A	1027	489983.150	5872559.480	Force 3 - 4 SSE	19/11/2010	16:49:36	38.1
819	CAM - B	1028	489977.200	5872556.830	Force 3 - 4 SSE	19/11/2010	16:50:16	38.1
819	CAM - C	1029	489968.000	5872558.960	Force 3 - 4 SSE	19/11/2010	16:51:22	38.1
819	CAM - D	1030	489965.160	5872562.280	Force 3 - 4 SSE	19/11/2010	16:51:48	38.1
819	CAM - E	1031	489968.290	5872577.830	Force 3 - 4 SSE	19/11/2010	16:52:47	38.1
819	CAM - F	1032	489980.360	5872593.470	Force 3 - 4 SSE	19/11/2010	16:59:37	38.1
819	CAM - G	1033	489985.010	5872595.420	Force 3 - 4 SSE	19/11/2010	17:00:47	38.1
819	CAM - H	1034	489988.210	5872595.330	Force 3 - 4 SSE	19/11/2010	17:01:01	38.1
820	CAM - A	1118	490980.710	5866382.890	Force 1 variable	20/11/2010	22:37:13	37.7
820	CAM - B	1119	490970.930	5866381.150	Force 1 variable	20/11/2010	22:38:01	37.7
820	CAM - C	1121	490956.060	5866349.110	Force 1 variable	20/11/2010	22:40:12	37.7
820	CAM - D	1122	490969.850	5866360.080	Force 1 variable	20/11/2010	22:41:43	37.7
820	CAM - E	1123	490954.890	5866364.940	Force 1 variable	20/11/2010	22:43:45	37.7
820	CAM - F	1124	490981.680	5866349.680	Force 1 variable	20/11/2010	22:46:11	37.7
821	CAM - A	1055	500019.220	5871677.300	Force 4 E	19/11/2010	22:22:08	40.8
821	CAM - B	1056	500004.060	5871678.900	Force 4 E	19/11/2010	22:23:16	40.8
821	CAM - C	1057	500008.230	5871658.050	Force 4 E	19/11/2010	22:24:28	40.8
821	CAM - D	1058	500038.090	5871671.260	Force 4 E	19/11/2010	22:26:06	40.8
821	CAM - E	1059	500024.640	5871680.420	Force 4 E	19/11/2010	22:27:48	40.8
821	CAM - F	1060	500021.470	5871682.110	Force 4 E	19/11/2010	22:28:03	40.8
822	CAM - A	1050	500024.970	5869536.590	Force 4 E	19/11/2010	21:44:21	41.4
822	CAM - B	1051	500029.380	5869531.100	Force 4 E	19/11/2010	21:45:45	41.4
822	CAM - C	1052	499987.120	5869523.920	Force 4 E	19/11/2010	21:47:56	41.4
822	CAM - D	1053	499982.150	5869535.990	Force 4 E	19/11/2010	21:48:37	41.4
822	CAM - E	1054	500021.880	5869549.650	Force 4 E	19/11/2010	21:52:44	41.4
823	CAM - A	1063	500622.370	5876003.940	Force 2 variable	19/11/2010	23:04:01	26
823	CAM - B	1064	500622.790	5876004.990	Force 2 variable	19/11/2010	23:04:05	26
823	CAM - C	1065	500636.500	5876022.060	Force 2 variable	19/11/2010	23:04:48	26
823	CAM - D	1066	500632.620	5876037.160	Force 2 variable	19/11/2010	23:05:31	26
823	CAM - E	1067	500610.280	5876026.030	Force 2 variable	19/11/2010	23:06:57	26
825	CAM - A	954	506895.600	5859986.000	Force 2 Variable	16/11/2010	06:31:57	41.3
825	CAM - B	955	506892.420	5859988.250	Force 2 Variable	16/11/2010	06:33:05	41.3
825	CAM - C	956	506900.540	5859994.230	Force 2 Variable	16/11/2010	06:34:26	41.3
825	CAM - D	957	506914.410	5859989.600	Force 2 Variable	16/11/2010	06:35:40	41.3
825	CAM - E	958	506909.540	5859977.040	Force 2 Variable	16/11/2010	06:37:18	41.3
825	CAM - F	959	506911.970	5859972.090	Force 2 Variable	16/11/2010	06:38:29	41.3
825	CAM - G	960	506913.180	5859972.030	Force 2 Variable	16/11/2010	06:38:41	41.3

Station	Camera Comments
61	<i>Sabellaria</i> reef, burrows
61	<i>Sabellaria</i> reef, <i>Asterias rubens</i> , <i>Liocarcinus</i>
61	<i>Sabellaria</i> reef, <i>Asterias rubens</i> , <i>Liocarcinus</i>
61	<i>Sabellaria</i> reef, <i>Asterias rubens</i> , <i>Liocarcinus</i>
61	<i>Sabellaria</i> reef, <i>Ophiura</i> , mud/silt, burrows
61	<i>Sabellaria</i> reef, <i>Ophiura</i>
61	<i>Sabellaria</i> reef, <i>Ophiura</i>
61	<i>Asterias rubens</i> , <i>Ophiura</i> , <i>Sabellaria</i> , Hyrdroid
61	<i>Asterias rubens</i> , <i>Ophiura</i> , <i>Sabellaria</i> , Hyrdroid
162	Sand, <i>Ophiura</i>
162	Sand ripples, silt
162	Mud, <i>Ophiura</i>
162	<i>Ophiura</i> , mud/silt, <i>Asterias rubens</i>
162	<i>Sabellaria</i> , <i>Psammechinus miliaris</i> , <i>Ophiura</i>
162	<i>Sabellaria</i> , <i>Psammechinus miliaris</i> , <i>Ophiura</i>
162	<i>Ophiura</i> , mud/silt
162	Sand ripples, <i>Sabellaria</i> , <i>Ophiura</i>
215	Sand
215	Sand, <i>Sabellaria</i> clumps
215	Sand ripples, <i>Sabellaria</i> clumps
215	Sand ripples, <i>Sabellaria</i> clumps
215	<i>Sabellaria</i> , <i>Asterias rubens</i> , <i>Paguridae</i> , silt
215	<i>Sabellaria</i> clumps, sand
215	Silt
215	<i>Sabellaria</i> clumps
215	<i>Sabellaria</i> clumps
215	<i>Sabellaria</i> reef, <i>Liocarcinus</i>
215	<i>Sabellaria</i> reef, <i>Liocarcinus</i>
215	Sand ripples, <i>Sabellaria</i> , hydroid
215	Sand ripples, <i>Sabellaria</i> , hydroid
215	Sand ripples, <i>Sabellaria</i> , hydroid
215	Sand, <i>Sabellaria</i>
220	<i>Sabellaria</i> reef, mud/silt
220	<i>Sabellaria</i> reef, mud/silt
220	<i>Sabellaria</i> reef, mud/silt
220	<i>Sabellaria</i> reef, mud/silt
220	<i>Sabellaria</i> reef, mud/silt
220	<i>Sabellaria</i> reef, mud/silt, <i>Asterias rubens</i>
220	<i>Sabellaria</i> reef, mud/silt
271	Sand
271	Sand, <i>Sabellaria</i>
271	Sand, <i>Sabellaria</i> , <i>Paguridae</i>
271	Muddy sand, brittlestars
271	Cloudy
271	Sand, mud
271	Muddy sand, brittlestars
285	<i>Sabellaria</i> , <i>Ophiura</i>
285	<i>Sabellaria</i> , <i>Paguridae</i> , <i>Ophiura</i>
285	<i>Sabellaria</i> , <i>Paguridae</i> , <i>Ophiura</i>
285	Sand, <i>Ophiura</i> , silt, <i>Sabellaria</i> rubble
285	Sand, burrows, silt, <i>Ophiura</i>
285	Sand, <i>Sabellaria</i> clumps, burrow
285	Silt, burrows
285	Silt, burrows
285	<i>Sabellaria</i> , silt, <i>Asterias</i>
286	Sand ripples, shell, <i>Ophiura</i>
286	Sand ripples
286	Sand ripples, shell

Station	Camera Comments
286	Sand ripples, shell
286	Sand ripples, <i>Ophiura ophiura</i>
286	Sand ripples
286	Sand ripples
286	Sand ripples, <i>Ophiura ophiura</i>
286	Sand ripples, <i>Sabellaria</i>
286	Sand, <i>Ophiura</i>
300	Sand, ripples, crab
300	Sand, brittlestars
300	Gravelly muddy sand
300	Sand, <i>Sabellaria</i> ?
300	<i>Sabellaria</i> reef
300	<i>Sabellaria</i> reef, Asteroidea
300	<i>Sabellaria</i> reef, clay?
300	<i>Sabellaria</i> reef, brittlestars
300	Sand, <i>Sabellaria</i> reef, Paguridae
300	<i>Sabellaria</i> reef
309	Sand ripples, <i>Ophiura</i>
309	Sand ripples, silt, <i>Ophiura</i>
309	Sand ripples, silt, gravel
309	Sand ripples
309	Sand ripples
309	Sand ripples
309	Sand ripples, boulder
309	Sand ripples, Hydroids
320	Sand
320	Fine sand
320	Sand
320	Sand
393	Sand, gravel
393	Sand, gravel
393	Sand, gravel, Hydroids
393	Sand, gravel, <i>Sabellaria</i>
393	Poor image
393	Mud/sand, <i>Asterias</i> ?
393	Sand, gravel, <i>Sabellaria</i>
393	<i>Sabellaria</i>
393	Poor image
393	Sand, gravel
409	Sand, <i>Sabellaria</i>
409	Sand, <i>Sabellaria</i>
409	Sand, <i>Sabellaria</i>
409	Sand
409	<i>Sabellaria</i> , sand
409	Sand ripples
409	Sand, <i>Sabellaria</i>
409	Sand
409	Sand <i>Sabellaria</i>
409	Sand
409	Sand
409	Sand
415	<i>Sabellaria</i> reef, Paguridae, shrimp
415	<i>Sabellaria</i> reef, sand
415	<i>Sabellaria</i> reef, Paguridae, shrimp
415	<i>Sabellaria</i> reef, Paguridae, shrimp
415	<i>Sabellaria</i> reef
415	<i>Sabellaria</i> reef
420	Sand, <i>Sabellaria</i>

Station	Camera Comments
420	<i>Sabellaria</i> reef
420	Sand ripples
420	Sand, small cobbles
420	Sand
420	Sand
420	Sand, <i>Sabellaria</i> ?
420	<i>Sabellaria</i> reef
441	Sand ripples
441	Sand ripples, silt
441	Sand ripples
441	Sand ripples, <i>Sabellaria</i> clumps
441	<i>Sabellaria</i> clumps
441	Sand ripples, Paguridae
441	Sand ripples, <i>Crangon</i>
441	Sand ripples, <i>Sabellaria</i>
448	Sand, shell
448	Sand, shell
448	Sand ripples, shell
448	Sand ripples, shell
448	Sand ripples, shell
457	Sand
457	<i>Sabellaria</i> reef
457	Cloudy
457	<i>Sabellaria</i> reef
457	Sand
457	Sand
457	Sand
460	Cloudy/silty
460	<i>Sabellaria</i> reef
460	<i>Sabellaria</i> reef
460	Cloudy/silty
460	<i>Sabellaria</i> reef
460	<i>Sabellaria</i> reef
460	<i>Sabellaria</i> reef
460	Sand ripples, Paguridae, <i>Ophiura</i>
460	<i>Sabellaria</i> reef, <i>Asterias</i>
460	<i>Ophiura</i> , Hydroid, Sand
465	Silt
465	Sand
465	Sand
465	Sand
465	Sand
465	Sand
465	Sand, <i>Sabellaria</i>
465	Sand, <i>Sabellaria</i>
465	Sand
465	Sand
475	Silt
475	Sand, cobbles, gravel, <i>Astropecten</i> ?, Paguridae
475	Sand, silt, gravel
475	Sand, cobbles
475	Sand, cobbles, Paguridae
475	Sand, silt, gravel
523	Sand and gravel
523	Sand and gravel
523	Sand and gravel
523	Sand and gravel



Station	Camera Comments
541	Sand, cobbles and <i>Asterias rubens</i>
541	Sand, cobbles and Hydroids
541	Sand, cobbles and <i>Ophiura</i>
541	Sand, cobbles, <i>Sabellaria</i> clumps, paguridae and <i>A. rubens</i>
541	Sand, cobbles, Paguridae and <i>Asterias rubens</i>
599	Sand, cobbles, gravel
599	Sand, cobbles, gravel
599	Sand, gravel
599	Sand, cobbles and brittlestar
599	<i>Asterias rubens</i>
599	Paguridae and <i>Asterias rubens</i>
599	Silty sand
599	Silty sand
599	Sand, shell, <i>Liocarcinus</i>
599	Sand, shell, <i>Liocarcinus</i>
713	Sand
713	Sand
713	Sand
713	Sand
713	Sand
737	Sand and shell
737	Sand ripples
737	Sand
737	Sand
737	Sand
737	Sand ripples
737	Sand, shell, <i>Callionymus?</i> , <i>Ophiura albida</i>
738	<i>Sabellaria</i> reef, silty
738	<i>Sabellaria</i> reef, silty
738	<i>Sabellaria</i> reef, silty, gravel
738	<i>Sabellaria</i> reef, silty, gravel
738	<i>Sabellaria</i> reef, silty/mud
738	<i>Sabellaria</i> reef, silty/mud
738	<i>Sabellaria</i> reef, silty/mud
739	Sand, <i>Sabellaria</i>
739	Sand, Hydroids
739	Sand ripples, <i>Ophiura</i>
739	Sand ripples, <i>Ophiura</i>
739	Sand, Hydroids
739	Sand, Hydroids
739	Sand, cobbles
739	Sand, cobbles, gravel
739	Sand, <i>Ophiura</i>
740	Cloudy
740	<i>Sabellaria</i> reef
740	<i>Sabellaria</i> reef
740	<i>Sabellaria</i> reef, <i>Asterias</i> , shrimp
740	<i>Sabellaria</i> reef
740	<i>Sabellaria</i> reef, shrimp
740	Sand, <i>Sabellaria</i> reef
740	<i>Sabellaria</i> reef
741	Sand, shell
741	Sand, cobbles, <i>Sabellaria</i> veneer, Hydroids
741	Sand, cobbles, <i>Sabellaria</i> veneer, Hydroids
741	<i>Sabellaria</i> reef, cobbles
741	<i>Sabellaria</i> reef, cobbles, palemon
741	<i>Sabellaria</i> reef, cobbles, palemon
741	<i>Sabellaria</i> reef, cobbles, palemon



Station	Camera Comments
749	Gravel, Paguridae, silt
749	Gravel, Paguridae, silt
749	Gravel, <i>Agonus cataphractus</i>
749	Gravel, <i>Agonus cataphractus</i>
749	Gravel, <i>Agonus cataphractus</i>
749	Gravel, <i>Agonus cataphractus</i>
750	Sand, <i>Sabellaria</i>
750	Sand, <i>Sabellaria</i> , stones
750	Sand, <i>Sabellaria</i> clumps
750	Sand, <i>Sabellaria</i> clumps
750	Sand ripples (large)
750	Sand, <i>Sabellaria</i>
750	Sand
750	Sand, <i>Sabellaria</i> clumps
751	Sand, shell
751	Sand, <i>Sabellaria</i> clumps
751	Gravel, sand, silt
751	Gravel, sand, silt
751	Gravel, silt, Hydroid
751	Gravel, silt
751	Gravel, silt, Paguridae
751	Sand, <i>Sabellaria</i> clumps
751	Sand ripples
751	Sand ripples, boulder
751	Sand ripples, cobbles
752	Sand and gravel
752	Sand, gravel and Paguridae
752	Sand and gravel
752	Sand
752	Sand
752	Sand ripples
752	Sand and Paguridae
752	Sand
752	Sand ripples and shells
753	Gravel, cobbles
753	Gravel, cobbles
753	Gravel, cobbles
753	Gravel, cobbles
753	Paguridae, <i>Ophiura</i> , <i>Henricia</i> ?
753	Gravel, cobbles, <i>Ophiura</i>
753	Gravel, Paguridae
753	Gravel, sand
753	Gravel, sand
754	Sand
754	Sand
754	Sand
754	Sand
754	Sand and gravel
755	Sand and stones
755	Sand
755	Sand
755	Sand and gravel
755	Sand
755	Sand
755	Sand
755	Sand
755	Sand
755	Gravel
755	Gravel

Station	Camera Comments
756	Sand and cobbles
756	Sand, cobbles and <i>Asterias rubens</i>
756	Sand, cobbles and Paguridae
756	Sand and cobbles
756	Sand ripples and cobbles
756	Sand and cobbles
756	Sand, cobbles, gravel and <i>Ophiura</i>
756	Sand, cobbles and gravel
757	Cobbles and gravel
757	<i>Ophiura</i> and <i>Liocarcinus</i>
757	Cobbles and gravel
757	Cobbles and gravel
757	Cobbles and gravel
757	Cobbles , gravel and <i>Ophiura</i>
757	Cobbles , gravel and <i>Ophiura</i>
757	Cobbles and gravel
757	Cobbles and gravel
758	Sand, gravel, Paguridae, <i>Astropecten</i> ?
758	Sand, gravel, Paguridae, <i>Astropecten</i> ?
758	Sand, <i>Liocarcinus</i>
758	Silt, gravel, cobbles, <i>Astropecten</i> ?
758	Silt, gravel, <i>Astropecten</i> ?
758	Gravel, cobbles, <i>Astropecten</i> , burrows, Paguridae
758	Gravel, cobbles, <i>Astropecten</i> , burrows, Paguridae
759	Sand ripples
759	Sand ripples
759	Sand ripples
759	Sand ripples, <i>Asterias rubens</i>
759	Sand ripples, shell
759	Sand ripples, Paguridae
759	Silt
760	Sand, ripples
760	Sand, ripples
760	Sand, ripples
760	Sand, ripples
760	Sand, ripples, Paguridae
760	Sand, gravel, <i>Ophiura</i>
760	Sand, <i>Asterias</i> , <i>Sabellaria</i> , gravel
760	Sand, Paguridae
760	Sand, <i>Ophiura</i>
761	Sand
761	Cobbles, sand, silt
761	Cobbles, sand, silt
761	Sand, shell
761	Sand ripples, shell
761	Sand ripples, shell
761	Sand ripples, shell
761	Sand
761	Sand, <i>Ophiura</i>
762	<i>Sabellaria</i> reef
762	<i>Sabellaria</i> reef
762	<i>Sabellaria</i> reef
762	Sand, Paguridae
762	<i>Sabellaria</i> clumps, sand, gravel
762	Silt
762	<i>Sabellaria</i> clumps, sand, burrows
762	Sand, <i>Sabellaria</i> clumps
762	Sand, <i>Sabellaria</i> reef, Paguridae

Station	Camera Comments
763	Sand, gravel, <i>Sabellaria</i> clumps
763	Sand, Paguridae
763	Silt
763	Sand, <i>Ophiura</i>
763	Sand, cobbles, <i>Sabellaria</i> clumps
763	<i>Sabellaria</i> , Paguridae
764	Sand
764	Sand ripples, burrows, silt
764	Sand, silt
764	Sand
764	Sand, silt
764	Sand, silt, Paguridae
764	Sand ripples, silt
765	<i>Sabellaria</i> reef
765	Sand
765	Sand
765	Rubble, Paguridae
765	Sand rubble and Paguridae
765	Sand rubble and Paguridae
765	<i>Sabellaria</i> reef
766	Sand
766	Sand
766	Ripples
766	Cloudy
766	Sand ripples
766	Cloudy
766	Sand ripples
766	Sand, gravel, Paguridae
766	Sand ripples
767	Sand
767	Sand
767	Sand
767	Sand
767	Sand
767	Sand
767	Sand
767	Sand
767	Sand
768	Sand, gravel, Paguridae
768	Sand, gravel
768	Sand, gravel
768	Sand, gravel
768	Sand, gravel
768	Sand, gravel
768	Sand
768	Sand
769	Sand, <i>Sabellaria</i> clumps
769	Sand, <i>Sabellaria</i>
769	Cloudy
769	Sand, gravel
769	Cloudy
769	Sand, <i>Sabellaria</i> clumps
769	Sand, <i>Sabellaria</i> reef
770	Sand
770	Sand, cobble
770	Sand
770	Sand ripples
770	Sand ripples
770	Sand
770	Sand

Station	Camera Comments
770	Sand, boulders
770	Sand
771	Cloudy
771	Sand
771	Sand
771	Sand
771	Cloudy
771	Sand, <i>Sabellaria</i>
771	Sand
771	Sand
771	Sand
771	Sand, <i>Sabellaria</i> ?
772	Sand, gravel, Paguridae and hydroid
772	<i>Sabellaria</i> patches, Paguridae
772	<i>Sabellaria</i> patches, Paguridae
772	Sand, gravel
772	Sand, gravel
772	Sand, gravel
772	Sand, gravel
772	Sand, gravel, <i>Sabellaria</i> patches
772	Silty sand, Paguridae and <i>Sabellaria</i> patches
773	Sand and cobbles
773	Sand and cobbles
773	Paguridae
773	Sand
773	Sand
773	Sand and cobbles
773	Sand and cobbles
773	Sand
773	Sand and cobbles
773	Sand ripples and Paguridae
773	Sand ripples and Paguridae
774	Sand mega ripples
774	Sand mega ripples
774	Sand mega ripples, <i>Asterias</i>
774	Sand
774	Sand
774	Sand, <i>Asterias</i> , Paguridae
774	Sand, <i>Sabellaria</i> ?
774	Boulders, sand
775	Cloudy
775	Sand, <i>Asterias</i>
775	Sand <i>Asterias</i> , Ophiuroidea
775	Sand, crab
775	Sand, Paguridae, <i>Liocarcinus</i>
775	Sand, <i>Asterias</i>
775	Sand
775	Sand, <i>Asterias</i>
775	Sand
776	Sand, shelly
776	Large sand ripples
776	Large sand ripples
776	Sand
776	Sand ripple
777	Sand ripples
777	Sand ripples, cobbles, <i>Sabellaria</i> clumps
777	<i>Sabellaria</i> rubble, <i>Asterias rubens</i> , Hydroid
777	Sand ripples, <i>Sabellaria</i> rubble

Station	Camera Comments
777	Gravel, <i>Sabellaria</i> clumps, Sand, Paguridae
777	Gravel, <i>Sabellaria</i> clumps, Sand, Paguridae
777	<i>Sabellaria</i> reef, <i>Asterias</i> , <i>Necora puber</i> , Paguridae
777	<i>Sabellaria</i> reef, <i>Asterias</i> , <i>Necora puber</i> , Paguridae
778	Sand ripples, <i>Ophiura</i> , Hydroid
778	Sand ripples, Paguridae, <i>Asterias rubens</i>
778	Sand ripples, Hydroid, <i>Ophiura</i>
778	Sand ripples, Hydroid, <i>Ophiura</i>
778	Sand ripples
778	Sand ripples
778	Sand ripples
778	Sand ripples, Hydroid
778	Sand ripples, Hydroid
778	Sand ripples, <i>Asterias rubens</i>
779	<i>Sabellaria</i> , silt, <i>Ophiura</i>
779	<i>Sabellaria</i> , silt, <i>Ophiura</i>
779	<i>Sabellaria</i> clumps, <i>Asterias rubens</i>
779	<i>Sabellaria</i> clumps/rubble, sand, silt
779	<i>Sabellaria</i> , <i>Liocarcinus</i>
779	<i>Sabellaria</i> , <i>Liocarcinus</i>
779	<i>Sabellaria</i> , <i>Liocarcinus</i>
779	<i>Sabellaria</i> , <i>Liocarcinus</i>
779	<i>Sabellaria</i> , <i>Liocarcinus</i>
780	Sand ripples, <i>Ophiura</i>
780	<i>Sabellaria</i> rubble, <i>Asterias rubens</i> , <i>Astropecten</i> ?
780	<i>Asterias rubens</i> , Paguridae, <i>Sabellaria</i> rubble, <i>Necora puber</i>
780	<i>Asterias rubens</i> , Paguridae, <i>Sabellaria</i> rubble, <i>Necora puber</i>
780	<i>Sabellaria</i> reef, rubble, <i>Urticina</i> ?
780	<i>Sabellaria</i> reef, <i>Urticina</i> ?, <i>Necora puber</i>
780	<i>Sabellaria</i> clumps, <i>Asterias rubens</i> , silt
780	<i>Sabellaria</i> clumps, silt
780	<i>Sabellaria</i> reef, Paguridae
781	Silt, <i>Ophiura</i>
781	Sand, <i>Sabellaria</i> clumps/rubble, <i>Ophiura</i>
781	Sand, <i>Sabellaria</i> , Paguridae, <i>Asterias rubens</i> , burrows
781	Sand, <i>Sabellaria</i> , Paguridae, <i>Asterias</i> , <i>Necora puber</i>
781	Sand, <i>Sabellaria</i> , Paguridae, <i>Asterias</i> , <i>Necora puber</i>
781	<i>Sabellaria</i> , <i>Asterias</i> , <i>Necora puber</i> , sand, Hydroid
781	<i>Sabellaria</i> , <i>Asterias</i> , <i>Necora puber</i> , sand, Hydroid
781	Sand, <i>Sabellaria</i> rubble
781	Silt, burrows, <i>Sabellaria</i>
781	Silt, burrows, <i>Liocarcinus</i>
782	Gravel, sand, silt
782	Gravel, silt
782	Gravel, silt
782	<i>Asterias rubens</i> , gravel, silt
782	<i>Asterias rubens</i> , gravel, silt
782	Gravel, <i>Ophiura</i> , <i>Asterias rubens</i> , Paguridae
782	Gravel, <i>Ophiura</i> , <i>Asterias rubens</i> , Paguridae
785	Sand ripples, cobbles
785	Sand ripples, cobbles
785	Sand ripples, gravel
785	Sand, cobbles, shell
785	Sand, cobbles, shell
785	Sand, silt, shell, hydroid
785	Sand, silt, shell, hydroid
786	Sand, Paguridae
786	<i>Sabellaria</i> , sand, Paguridae
786	<i>Sabellaria</i> , sand, Paguridae

Station	Camera Comments
786	Sand ripples
786	<i>Sabellaria</i> reef
786	<i>Sabellaria</i> reef
786	<i>Sabellaria</i> clumps, mud/silt
786	Sand ripples
786	<i>Sabellaria</i> reef, <i>Asterias</i> , <i>Ophiura albida</i>
786	<i>Sabellaria</i> reef, <i>Asterias</i> , <i>Ophiura albida</i>
787	Sand ripples, gravel
787	Sand ripples, gravel
787	Sand ripples, gravel
787	Sand, gravel
787	Sand ripples, cobbles
787	Sand ripples, cobbles
787	Sand ripples, cobbles
787	Sand ripples, cobbles
788	Sand, burrows
788	Gravel, sand, <i>Sabellaria</i> , <i>Ophiura</i>
788	<i>Sabellaria</i> reef, silt
788	<i>Sabellaria</i> reef, silt
788	Silt
788	<i>Sabellaria</i> , <i>Ophiura</i>
788	<i>Sabellaria</i> , <i>Ophiura</i>
788	<i>Sabellaria</i> reef
788	<i>Sabellaria</i> reef
788	<i>Sabellaria</i> reef
789	Sand ripples
789	Sand, shell, <i>Ophiura</i> , <i>Crangon</i>
789	Sand, shell
789	Sand, shell, <i>Ophiura</i>
789	Sand
789	Sand, shell
790	Sand
790	Sand
790	Sand
790	Sand
790	Sand
790	Sand
790	Sand
790	Sand
790	Sand/mud, brittlestars
790	Sand/mud, brittlestars
790	Sand
790	Sand
792	Sand/silt, <i>Ophiura</i> , shell
792	Sand/silt, <i>Ophiura</i> , shell
792	Sand/silt, <i>Sabellaria</i> clumps, burrows
792	Sand ripples, silt
792	Sand ripples, silt, <i>Sabellaria</i>
792	Sand/silt, <i>Sabellaria</i> , burrows, <i>Ophiura</i>
792	Sand/silt, <i>Sabellaria</i> reef, boulder
792	Sand ripples, <i>Ophiura</i>
792	Sand ripples, <i>Liocarcinus</i>
792	Sand, <i>Ophiura</i> , <i>Asterias</i> , Hydroid, <i>Sabellaria</i>
793	Sand/silt, burrows, <i>Ophiura</i>
793	Sand/silt, burrows, <i>Ophiura</i>
793	Sand ripples, silt, <i>Ophiura</i> , <i>Liocarcinus</i> , burrow
793	Sand ripples, silt, <i>Ophiura</i> , <i>Asterias</i> , Hydroid, <i>Liocarcinus</i> , burrows
793	Sand ripples, <i>Sabellaria</i> rubble, <i>Ophiura</i> , burrows
793	Sand ripples, silt, <i>Sabellaria</i> rubble, <i>Ophiura</i> , burrows, Hydroids
793	Sand/silt, <i>Sabellaria</i> clumps, <i>Ophiura</i>



Station	Camera Comments
793	Sand, silt, burrows, <i>Psamechinus miliaris</i> , <i>Ophiura</i>
793	Sand, silt, burrows, <i>Psamechinus miliaris</i> , <i>Ophiura</i>
794	Silt, burrows, <i>Ophiura</i>
794	<i>Sabellaria</i> , <i>Ophiura</i>
794	Silt, <i>Ophiura</i>
794	Silt, <i>Sabellaria</i> , burrows
794	Silt, <i>Ophiura</i> , <i>Asterias</i>
794	Silt, <i>Ophiura</i> , <i>Asterias</i>
794	Sand, silt, <i>Ophiura</i>
794	<i>Sabellaria</i> , <i>Ophiura</i> , silt
795	Silt, burrows, <i>Asterias</i> , <i>Sabellaria</i> clumps
795	Silt, <i>Ophiura ophiura</i> , burrows
795	Silt, Hydroid, <i>Ophiura</i> , burrows
795	Silt, <i>Sabellaria</i> clumps, <i>Ophiura ophiura</i> , cobble
795	Silt, burrows, <i>Ophiura</i>
795	Silt, <i>Ophiura</i> , burrows
795	Silt, <i>Ophiura</i> , burrows, <i>Sabellaria</i> clumps
796	Sand, silt, <i>Sabellaria</i> rubble
796	<i>Sabellaria</i> , silt, Paguridae
796	<i>Sabellaria</i> , silt, <i>Necora puber</i> , Hydroid, <i>Asterias</i>
796	<i>Sabellaria</i> , silt, <i>Necora puber</i> , Hydroid, <i>Asterias</i>
796	Silt, <i>Ophiura</i>
796	<i>Sabellaria</i> , Paguridae
796	<i>Sabellaria</i> , Paguridae
797	Sand/silt, <i>Ophiura</i> , <i>Sabellaria</i> , burrows
797	Sand/silt, <i>Ophiura</i> , <i>Sabellaria</i> , burrows
797	Silt, burrows, Hydroids, <i>Ophiura</i> , <i>Sabellaria</i>
797	Silt, burrows, Hydroids, <i>Ophiura</i> , <i>Sabellaria</i>
797	Silt, burrows, Hydroids, <i>Ophiura</i> , <i>Sabellaria</i>
797	Silt, lots of burrows
797	<i>Sabellaria</i> reef
798	Sand, ripples
798	Sand, ripples
798	Sand ripples, <i>Ophiura</i>
798	Sand ripple, silt, cobble
798	Sand ripples, silt, <i>Asterias rubens</i>
798	Sand ripples, <i>Ophiura</i>
798	Sand, cobble
801	Muddy sand, brittlestars
801	Cloudy
801	Muddy sand, brittlestars
801	Sand, brittlestars
801	Muddy sand, brittlestars
801	Cloudy
801	Muddy sand, brittlestars
801	Sand
802	Sand, gravel, silt
802	Sand, gravel, shell
802	Sand ripple
802	Gravel, cobbles, <i>Sabellaria</i> veneer
802	Sand ripples, gravel
802	Sand ripples, gravel
802	<i>Sabellaria</i> reef
802	Sand, gravel
802	Sand
802	Sand
802	Sand
803	Sand, <i>Ophiura</i> , sand

Station	Camera Comments
803	Sand, <i>Ophiura</i> , sand
803	Sand ripples
803	Sand ripples, shell
803	Sand ripples, silt
803	Sand ripples, <i>Sabellaria</i> rubble, <i>Ophiura</i>
803	Sand ripples, silt, shell
803	Sand ripples, silt
804	Mud, brittlestars
804	<i>Sabellaria</i> , mud, brittlestars
804	<i>Sabellaria</i> , mud, Paguridae
804	<i>Sabellaria</i> , mud
804	<i>Sabellaria</i> , mud
804	<i>Sabellaria</i> reef, <i>Asterias</i>
804	<i>Sabellaria</i> reef, <i>Inachus</i>
804	<i>Sabellaria</i> reef, brittlestars
804	<i>Sabellaria</i> reef, brittlestars
805	<i>Sabellaria</i> reef, muddy sand, brittlestars
805	Cloudy
805	Mud/silt
805	<i>Sabellaria</i> reef, mud
805	Cloudy
805	Mud, <i>Sabellaria</i>
805	<i>Sabellaria</i> , Asteroidea
805	<i>Sabellaria</i> , Asteroidea
805	Mud, <i>Sabellaria</i>
806	Sand
806	<i>Sabellaria</i> reef
806	Sand
806	Sand, brittlestars
806	Muddy sand, brittlestars
806	Muddy sand, brittlestars
806	Muddy sand, brittlestars, ripples
806	Muddy sand, brittlestars, ripples
806	Muddy sand, brittlestars, ripples
806	<i>Sabellaria</i> reef
806	Poor image
806	Poor image
806	Muddy sand, brittlestars
807	Fine sand
807	Fine sand
807	Sand
807	Sand
808	<i>Sabellaria</i> reef
808	<i>Sabellaria</i> reef
808	Mud/silt, <i>Sabellaria</i> reef
808	Mud/silt, <i>Sabellaria</i> reef
808	Mud/silt, <i>Sabellaria</i> clumps, <i>Ophiura albida</i> , burrows
808	Mud/silt, <i>Sabellaria</i> clumps, <i>Ophiura albida</i> , burrows
808	<i>Sabellaria</i> reef
808	<i>Sabellaria</i> reef
808	<i>Sabellaria</i> reef
808	<i>Sabellaria</i> reef
808	<i>Sabellaria</i> reef
809	Sand ripples
809	Sand, <i>Ophiura</i>
809	Sand ripples
809	<i>Sabellaria</i> , sand
809	Sand, <i>Ophiura</i>

Station	Camera Comments
809	Sand
809	Sand, <i>Sabellaria</i> clumps
809	Sand, <i>Sabellaria</i> clumps
810	<i>Sabellaria</i> clumps, <i>Ophiura</i> , burrow
810	<i>Sabellaria</i> , silt, <i>Ophiura</i>
810	Sand ripples, <i>Echinus?</i> , <i>Sabellaria</i> rubble
810	Sand ripples, <i>Sabellaria</i> rubble, <i>Ophiura</i>
810	Sand ripples, <i>Sabellaria</i> rubble, burrows
810	Sand ripples, <i>Sabellaria</i> rubble, burrows, <i>Ophiura</i>
811	<i>Sabellaria</i> rubble, burrows
811	<i>Sabellaria</i> rubble, burrows
811	<i>Sabellaria</i> , mud/silt, <i>Ophiura</i> , gravel
811	<i>Asterias rubens</i> , <i>Sabellaria</i> rubble, <i>Ophiura</i>
811	<i>Asterias rubens</i> , <i>Sabellaria</i> rubble, <i>Ophiura</i>
811	<i>Sabellaria</i> rubble, <i>Asterias rubens</i> , <i>Ophiura</i>
811	<i>Psammechinus miliaris</i> , <i>Ophiura</i> , <i>Asterias rubens</i>
812	<i>Sabellaria</i> clumps, <i>Ophiura</i>
812	<i>Sabellaria</i> clumps, <i>Ophiura</i>
812	Silt/mud, <i>Ophiura</i> , burrows
812	<i>Sabellaria</i> , <i>Ophiura</i> , burrows
812	<i>Sabellaria</i> , <i>Ophiura</i> , burrows
812	<i>Sabellaria</i> clumps, <i>Ophiura</i>
812	Silt/mud, <i>Ophiura</i> , burrows
813	Sand ripples, silt
813	Sand, <i>Ophiura</i>
813	Sand, <i>Ophiura</i>
813	<i>Buglossidium luteum</i> , sand ripples
813	<i>Buglossidium luteum</i> , sand ripples
813	Sand, shell
813	Sand, Paguridae, <i>Ophiura</i> , burrows
814	Mud/silt, <i>Ophiura</i>
814	Hydroid, <i>Ophiura</i> , mud/silt, burrows
814	Sand, shell
814	Sand
814	Sand ripples, <i>Ophiura</i>
814	Sand ripples, <i>Ophiura</i> , Hydroid
814	Sand, shell, <i>Ophiura</i>
814	Sand, <i>Agonus cataphractus</i>
814	Sand, shell, <i>Ophiura</i>
814	Paguridae, <i>Ophiura</i>
815	Sand/silt
815	Sand/silt, <i>Ophiura</i>
815	<i>Callionymus</i> spp., <i>Ophiura</i>
815	Sand, <i>Sabellaria</i> clumps
815	<i>Sabellaria</i> clumps, sand
815	<i>Sabellaria</i> clumps, <i>Ophiura</i>
815	Sand, silt
815	Silt
815	<i>Asterias rubens</i>
815	Hydroid, <i>Ophiura</i>
815	Hydroid, <i>Ophiura</i>
816	Sand ripples
816	Sand ripples
816	Sand ripples
816	Sand ripples
816	Sand ripples
816	Sand ripples
817	<i>Sabellaria</i> , <i>Asterias rubens</i> , <i>Ophiura</i>



**Appendix Table 5.** Table presenting the sampling log and co-ordinates of the 78 epi-benthic monitoring trawls acquired with a 2m beam trawl. The positions are expressed as decimal degrees (WGS 84). Also shown are the notes on the sediment & fauna observed. Including two stations with revised co-ordinates (T\*).

Station	Date	Time down (TST)	Time up (TST)	Down Latitude	Down Longitude	Up Latitude
005 T	01/09/2010	18:01	18:11	53.176783	2.913983	53.171783
007 T	01/09/2010	17:14	17:24	53.169783	3.005066	53.176250
024 T	01/09/2010	19:34	19:44	53.104766	2.850416	53.099533
025 T	01/09/2010	19:02	19:12	53.107233	2.908850	53.102966
027 T	01/09/2010	16:23	16:33	53.103000	3.020466	53.109433
047 T	01/09/2010	20:34	20:44	53.028983	2.790700	53.025233
049 T	01/09/2010	14:00	14:10	53.031750	2.906483	53.037333
052 T	01/09/2010	15:24	15:34	53.030700	3.085450	53.036433
073 T	01/09/2010	21:27	21:37	52.960616	2.790000	52.955466
075 T	01/09/2010	13:06	13:16	52.957000	2.907300	52.963033
077 T	01/09/2010	12:14	12:24	52.959400	3.028600	52.953066
079 T	01/09/2010	11:15	11:25	52.945800	3.138500	52.954666
101 T	01/09/2010	08:05	08:15	52.886483	2.785316	52.896016
105 T	01/09/2010	09:38	09:48	52.889133	3.023833	52.883350
107 T	01/09/2010	10:33	10:43	52.883633	3.142116	52.892733
133 T	31/08/2010	20:41	20:51	52.827000	3.086933	52.835866
134 T	01/09/2010	06:49	06:59	52.797033	2.761350	52.792616
136 T	01/09/2010	05:57	06:07	52.789483	2.874050	52.796350
138 T	31/08/2010	19:58	20:08	52.797183	3.003233	52.792233
156 T	31/08/2010	17:07	17:17	52.720566	2.755133	52.727566
158 T	31/08/2010	18:06	18:16	52.726416	2.875900	52.720600
160 T	31/08/2010	19:03	19:13	52.725833	2.994350	52.720416
174 T	31/08/2010	16:22	16:32	52.653616	2.758066	52.659850
176 T	31/08/2010	15:20	15:30	52.653066	2.874416	52.658733
187 T	31/08/2010	13:33	13:43	52.584666	2.756833	52.589583
189 T	31/08/2010	14:30	14:40	52.587400	2.875066	52.592166
196 T	31/08/2010	12:32	12:42	52.506383	2.758883	52.511983
201 T	31/08/2010	11:40	11:50	52.443283	2.757666	52.448300
202 T	02/09/2010	05:32	05:42	53.017266	2.548883	53.025500
212 T	02/09/2010	07:26	07:36	52.961400	2.446400	52.957300
214 T	02/09/2010	06:28	06:38	52.963500	2.580383	52.957300
225 T	02/09/2010	09:42	09:52	52.891050	2.238433	52.886033
227 T	02/09/2010	08:23	08:33	52.897183	2.363483	52.893516
235 T	02/09/2010	11:10	11:20	52.872916	2.452583	52.866916
237 T	02/09/2010	12:08	12:18	52.875200	2.579183	52.868200
267 T	02/09/2010	14:27	14:37	52.803633	2.328566	52.807433
304 T	02/09/2010	17:58	18:08	52.739016	2.551366	52.741983
308 T	02/09/2010	16:35	16:45	52.718150	2.357583	52.722550
326 T	02/09/2010	20:47	20:57	52.659050	2.210100	52.655066
328 T	02/09/2010	19:55	20:05	52.660550	2.347366	52.656466
336 T	02/09/2010	19:07	19:17	52.648500	2.479050	52.641466
350 T	03/09/2010	05:50	06:00	52.587016	2.348283	52.593500
352 T	03/09/2010	06:50	07:00	52.592483	2.453550	52.585233
372 T	03/09/2010	08:54	09:04	52.531933	2.334383	52.527550
375 T	03/09/2010	07:38	07:48	52.534633	2.509016	52.528016
390 T	31/08/2010	09:42	09:52	52.460750	2.421683	52.451666
415 T*	28/08/2010	09:01	09:11	52.387333	2.093300	52.392550
415 T	28/08/2010	09:01	09:11	52.387333	2.009966	52.392550
428 T	28/08/2010	09:36	09:46	52.369833	2.103116	52.374116
430 T	03/09/2010	10:52	11:02	52.375183	2.217900	52.370066
432 T	03/09/2010	11:44	11:54	52.372000	2.328183	52.373483
434 T	03/09/2010	12:41	12:51	52.372866	2.444983	52.372533
466 T	26/08/2010	05:15	17:25	52.293500	1.984866	52.288533
470 T	28/08/2010	11:35	11:45	52.300116	2.233716	52.304783
472 T	28/08/2010	12:24	12:35	52.303250	2.318883	52.308383
488 T	25/08/2010	17:58	18:07	52.226566	2.222866	52.224983
490 T	25/08/2010	17:04	17:15	52.228300	2.339950	52.223550

Station	Date	Time down (TST)	Time up (TST)	Down Latitude	Down Longitude	Up Latitude
507 T	25/08/2010	15:05	15:15	52.156766	2.222233	52.152466
509 T	25/08/2010	16:11	16:21	52.159066	2.340350	52.154283
529 T	25/08/2010	14:01	14:11	52.087150	2.230700	52.085133
531 T	25/08/2010	12:56	13:06	52.070233	2.338400	52.078016
532 T	25/08/2010	12:09	12:19	52.085416	2.409050	52.090750
554 T*	25/08/2010	05:33	05:43	52.009700	2.219066	52.004666
554 T	25/08/2010	05:33	05:43	52.009700	2.219066	52.004666
556 T	25/08/2010	06:43	06:53	52.012366	2.336950	52.009900
558 T	25/08/2010	07:48	07:58	52.009616	2.441233	52.008433
561 T	03/09/2010	13:23	13:33	52.372066	2.506266	52.378016
566 T	03/09/2010	14:02	14:12	52.353833	2.540933	52.361733
585 T	28/08/2010	13:32	13:42	52.307866	2.389666	52.313916
616 T	03/09/2010	18:33	18:43	52.277433	2.458283	52.271283
632 T	03/09/2010	20:31	20:41	52.263533	2.537466	52.259250
642 T	03/09/2010	19:25	19:35	52.225250	2.453033	52.232433
677 T	04/09/2010	05:30	05:40	52.169183	2.538900	52.175666
683 T	28/08/2010	17:53	18:03	52.154566	2.454000	52.152266
695 T	25/08/2010	11:16	11:26	52.123466	2.438033	52.130016
712 T	25/08/2010	09:49	09:59	52.085883	2.522883	52.093883
713 T	25/08/2010	08:59	09:09	52.073716	2.471416	52.078166
716 T	31/08/2010	08:50	09:00	52.458250	2.317433	52.452216
717 T	02/09/2010	13:20	13:30	52.822266	2.455550	52.827833
718 T	28/08/2010	10:26	10:36	52.315983	2.104900	52.319766

Station	Up Longitude	Straight line distance (m)	Notes
005 T	2.902450	951	
007 T	3.002633	738	
024 T	2.850583	582	
025 T	2.904483	557	
027 T	3.020750	716	
047 T	2.786150	517	
049 T	2.906666	621	
052 T	3.087866	658	
073 T	2.790083	573	
075 T	2.905633	680	
077 T	3.020183	903	
079 T	3.137933	987	
101 T	2.792250	1159	
105 T	3.022033	655	
107 T	3.143266	1015	
133 T	3.086183	988	
134 T	2.755666	623	Notable volume of <i>Sabellaria</i> reef
136 T	2.875966	775	
138 T	3.000600	579	
156 T	2.756466	784	
158 T	2.875016	650	
160 T	2.999550	697	
174 T	2.756200	705	
176 T	2.872933	638	
187 T	2.755900	551	
189 T	2.875800	533	
196 T	2.758933	623	
201 T	2.755700	574	Notable volume of <i>Sabellaria</i> reef
202 T	2.549016	916	
212 T	2.438216	714	
214 T	2.573916	815	
225 T	2.240416	574	
227 T	2.355666	666	
235 T	2.459416	811	
237 T	2.588733	1010	
267 T	2.322266	599	
304 T	2.563583	888	
308 T	2.360966	540	Mud present
326 T	2.203083	649	
328 T	2.332733	1089	
336 T	2.472383	903	Notable volume of <i>Sabellaria</i> reef
350 T	2.349416	725	Shell material present
352 T	2.450250	837	Large piece of wood present
372 T	2.331550	524	Shell material present
375 T	2.506550	755	
390 T	2.421066	1011	Shell material present
415 T*	2.091483	593	Scribing error
415 T	2.008150	593	Revised co-ordinates
428 T	2.099333	542	
430 T	2.218633	571	
432 T	2.340150	831	Notable volume of <i>Sabellaria</i> reef
434 T	2.456033	753	
466 T	1.983066	566	
470 T	2.235166	528	
472 T	2.319950	576	
488 T	2.218650	338	Shell/Gravel material present
490 T	2.337100	563	Shell material present
507 T	2.220416	494	Notable volume of <i>Sabellaria</i> reef
509 T	2.338000	556	
529 T	2.215350	1075	
531 T	2.333000	942	Shell material present

Station	Up Longitude	Straight line distance (m)	Notes
532 T	2.404550	669	
554 T*	2.303800	5843	Scribing error
554 T	2.220466	568	Revised co-ordinates
556 T	2.339416	322	Small boulder present
558 T	2.456433	1052	
561 T	2.510483	721	Shell material present
566 T	2.537083	917	Shell/Gravel material present
585 T	2.392933	709	Shell material present
616 T	2.452283	797	Small boulder present
632 T	2.541216	541	
642 T	2.456900	842	Boulder present
677 T	2.538350	722	
683 T	2.465783	846	
695 T	2.439933	740	
712 T	2.527633	947	
713 T	2.468483	534	
716 T	2.318683	676	Large Boulder, Notable volume of <i>Sabellaria</i> reef
717 T	2.451816	668	
718 T	2.103316	434	Shell material present



**Appendix Table 6.** Table presenting the measurements and tube dimensions of *Sabellaria spinulosa* that occurred in the epi-benthic trawl samples.

Station	<i>Sabellaria</i> Volume (l)	<i>Sabellaria</i> Weight (g)	Maximum <i>Sabellaria</i> Tube Length (cm)	Average <i>Sabellaria</i> Tube Length (cm)	Average <i>Sabellaria</i> Tube aperture (mm)	Maximum <i>Sabellaria</i> Tube aperture (mm)	% Clump	% Rubble	% Veneer	Weather
005 T	0	0	0	0	0	0	-	-	-	2N
007 T	0	0	0	0	0	0	-	-	-	2N
024 T	0	0	0	0	0	0	-	-	-	2N
025 T	0	0	0	0	0	0	-	-	-	2N
027 T	0	0	0	0	0	0	-	-	-	2N
047 T	0	0	0	0	0	0	-	-	-	2N
049 T	0	0	0	0	0	0	-	-	-	2N
052 T	0.005	10	3	3	1	2	-	-	100	3N
073 T	0	0	0	0	0	0	-	-	-	1N
075 T	0.05	5	6	4	1.5	1.5	-	-	100	1N
077 T	0	0	0	0	0	0	-	-	-	1N
079 T	0	0	0	0	0	0	-	-	-	3NW
101 T	0	0	0	0	0	0	-	-	-	3NW
101 T	0.01	25	3	2	1	2	-	-	100	3NW
107 T	0.05	50	3	3	1.5	1.5	100	-	-	3NW
133 T	0	0	0	0	0	0	-	-	-	2-3NW
134 T	40	30000	14	6	1	2	70	30	-	3NW
136 T	0	0	0	0	0	0	-	-	-	3NW
138 T	0	0	0	0	0	0	-	-	-	2-3NW
156 T	0.01	10	2	1	1	1	-	-	100	2-3NW
158 T	0	0	0	0	0	0	-	-	-	2-3NW
160 T	0	0	0	0	0	0	-	-	-	2-3NW
174 T	0	0	0	0	0	0	-	-	-	2-3NW
176 T	0	0	0	0	0	0	-	-	-	2-3NW
187 T	0	0	0	0	0	0	-	-	-	3-4N
189 T	0	0	0	0	0	0	-	-	-	3-4N
196 T	0.25	250	8	4	1	1.5	95	-	5	3-4N
201 T	7	5000	4	2.5	1	1.5	30	60	10	3-4N
202 T	0	0	0	0	0	0	-	-	-	3NE
212 T	0	0	0	0	0	0	-	-	-	3NE
214 T	0	0	0	0	0	0	-	-	-	3NE
225 T	0	0	0	0	0	0	-	-	-	3NE
227 T	0.01	25	3	2	1	2	-	-	100	3NE
235 T	0	0	0	0	0	0	-	-	-	3NE
237 T	0	0	0	0	0	0	-	-	-	3NE
267 T	0	0	0	0	0	0	-	-	-	3NE
304 T	0	0	0	0	0	0	-	-	-	3NE
308 T	0	0	0	0	0	0	-	-	-	3NE
326 T	0	0	0	0	0	0	-	-	-	3NE
328 T	0	0	0	0	0	0	-	-	-	3NE
336 T	20	20000	12	8	1	2	30	60	10	3NE
350 T	0.01	25	4	3	1	1.5	30	-	70	3NE
352 T	0.05	70	6	5	1	1	40	-	60	3NE
372 T	0.2	100	6	3.5	1	1	50	-	50	3NE
375 T	0.01	25	5	5	1	1	80	-	20	3NE
390 T	0.01	25	6	4	1	1.5	-	-	100	3-4N
415 T	0	0	0	0	0	0	-	-	-	4-5NW
428 T	0	0	0	0	0	0	-	-	-	4-5NW
430 T	0.01	25	2	2	1	1.5	-	-	100	3NE
432 T	100	15000	17	7	1.5	2	40	55	5	3NE
434 T	0.01	25	4	2	1	1.5	100	-	-	3NE
466 T	0.01	25	2	1	2	2	-	100	-	5-6 N
470 T	0	0	0	0	0	0	-	-	-	4-5NW
472 T	0.3	150	6.5	3	1	1.5	100	-	-	4-5NW
488 T	0	0	0	0	0	0	-	-	-	3 NW
490 T	0.4	250	5	3	1.5	2	100	-	-	3 NW
507 T	2	1500	7	4.5	1.5	2	15	80	5	3 - 4 NW
509 T	0.01	25	5	4	1	1	-	-	100	3 - 4 NW
529 T	0.5	500	6.5	4	1.5	2	80	0	20	3 - 4 NW
531 T	0	0	0	0	0	0	-	-	-	3 - 4 NW
532 T	0	0	0	0	0	0	0	-	0	3 - 4 NW
554 T	0	0	0	0	0	0	-	-	-	3 - 4 NW
556 T	0	0	0	0	0	0	-	-	-	3 - 4 NW
558 T	0	0	0	0	0	0	-	-	-	3 - 4 NW
561 T	0	0	0	0	0	0	-	-	-	3NE
566 T	0	0	0	0	0	0	-	-	-	3NE
585 T	0.01	25	3	2	1	1	100	-	-	4-5NW
616 T	0.5	500	6	3	1	1.5	90	-	10	3NE
632 T	0.25	150	10	5	1	2	100	-	-	3NE
642 T	0.5	500	6	4	1	1	20	-	80	3NE
677 T	0	0	0	0	0	0	-	-	-	3 - 4 NW
683 T	0	0	0	0	0	0	-	-	-	5-6NW
695 T	0	0	0	0	0	0	-	-	-	3 - 4 NW
712 T	0	0	0	0	0	0	-	-	-	3 - 4 NW
713 T	0	0	0	0	0	0	-	-	-	3 - 4 NW
716 T	20	2000	8	4	1.5	2	10	90	-	3-4N
717 T	0	0	0	0	0	0	-	-	-	3NE
718 T	0	0	0	0	0	0	-	-	-	4-5NW

**Appendix Table 7.** Table summarising the Particle Size Distribution (PSD) of the sediment deposits at 639 stations . The sieve apertures are in accordance with the Wentworth scale and are shown in  $\mu\text{m}$ . Data are expressed as percentage retained. Grid stations shown in blue with targeted stations highlighted in red.

Station	Sieve aperture ( $\mu\text{m}$ )										
	31500.0	16000	8000	4000	2000	1000	500	250	125	63	PAN
1	0.0	0.9	0.3	0.0	0.1	0.1	0.1	4.2	92.3	0.2	2.0
2	0.0	0.0	0.0	0.0	0.0	0.1	0.3	3.0	91.1	3.2	2.3
3	0.0	0.0	0.0	0.0	0.0	0.1	0.1	14.3	84.0	0.2	1.3
4	0.0	0.0	0.0	0.1	0.0	0.0	0.4	9.2	88.1	0.6	1.6
5	0.0	0.0	0.0	0.1	0.1	0.2	0.3	19.8	77.6	0.2	1.6
6	0.0	0.0	0.0	0.0	0.0	0.2	0.5	17.3	80.1	0.5	1.3
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	89.1	0.1	1.6
8	0.0	0.0	0.0	0.0	0.1	0.1	0.1	17.6	80.9	0.1	1.2
9	0.0	0.0	0.3	0.3	0.6	0.9	2.8	33.4	59.2	0.1	2.3
10	0.0	0.0	0.0	0.1	0.3	0.7	1.7	33.0	61.3	0.7	2.3
11	0.0	0.0	0.0	0.0	0.0	0.0	0.4	25.5	72.4	0.2	1.4
12	0.0	0.0	0.0	0.0	0.1	0.2	0.2	9.6	85.1	1.1	3.6
13	0.0	0.0	0.1	0.1	0.2	0.5	2.7	40.0	53.3	0.8	2.4
14	0.0	0.0	0.0	0.1	0.1	0.5	0.8	35.8	60.6	0.1	2.0
15	0.0	0.0	0.0	0.1	0.1	0.1	0.3	31.5	66.2	0.1	1.6
16	0.0	0.0	0.0	0.0	0.1	0.1	0.6	21.7	73.8	0.2	3.4
17	0.0	0.0	0.0	0.1	0.1	0.1	0.6	18.8	78.1	0.5	1.7
18	0.0	0.0	0.0	0.2	0.6	1.9	6.6	53.7	35.3	0.1	1.6
19	0.0	0.0	0.0	0.3	0.0	0.6	2.0	39.5	54.1	0.8	2.7
20	0.0	0.0	0.7	1.1	0.9	1.0	1.1	31.7	59.7	0.2	3.7
21	0.0	0.0	0.0	0.0	0.1	0.2	1.2	39.9	57.0	0.1	1.4
22	0.0	0.0	0.0	0.1	0.4	1.0	2.1	26.1	67.8	0.5	2.0
23	0.0	0.0	0.0	0.3	0.6	1.4	4.4	42.1	48.7	0.5	1.9
24	0.0	0.0	0.0	0.1	0.0	0.3	1.0	26.1	70.0	0.3	2.3
25	0.0	0.0	0.1	0.2	0.6	2.2	7.4	35.8	51.8	0.1	1.8
26	0.0	0.0	0.3	0.5	1.1	3.3	3.1	41.2	49.2	0.2	1.3
27	0.0	0.0	0.2	0.1	0.1	0.2	0.9	36.5	59.6	0.1	2.2
28	0.0	0.0	0.0	0.0	0.0	0.1	0.5	42.2	55.9	0.1	1.0
29	0.0	0.0	0.2	0.5	0.6	1.2	2.8	39.2	53.2	0.7	1.6
30	0.0	0.0	0.0	0.1	0.2	0.8	4.1	40.5	50.6	0.4	3.3
31	0.0	0.0	0.0	0.7	0.2	0.2	0.4	14.7	71.2	0.2	12.4
32	0.0	0.0	0.1	0.1	0.3	0.6	1.7	41.8	54.2	0.1	1.3
33	0.0	0.3	0.2	0.5	0.8	2.5	5.9	31.6	56.1	0.5	1.6
34	0.0	0.0	0.0	0.1	0.3	0.9	2.4	48.7	45.2	0.1	2.5
35	0.0	0.0	0.0	0.0	0.0	0.1	1.4	37.9	58.9	0.1	1.7
36	0.0	0.0	0.0	0.1	0.2	0.4	1.1	20.4	75.8	0.2	2.0
37	0.0	0.0	0.5	0.6	1.1	1.0	1.1	29.5	62.8	0.3	3.1
38	0.0	0.0	0.0	0.1	0.1	0.1	0.2	6.7	88.5	1.7	2.6
39	0.0	0.0	0.0	0.0	0.1	0.1	1.2	36.9	60.7	0.1	1.0
40	0.0	0.0	0.0	0.3	0.8	1.3	4.0	51.9	38.2	0.6	2.9
41	0.0	0.0	0.4	0.6	0.7	0.6	0.9	24.8	67.9	0.6	3.4
42	0.0	0.0	0.1	0.3	0.3	1.3	2.0	15.1	78.6	0.8	1.4
43	0.0	0.0	0.0	0.0	0.0	0.1	0.2	11.4	85.9	0.3	2.1
44	0.0	0.6	0.6	0.5	0.8	0.9	1.8	33.0	58.3	0.4	3.1
45	0.0	0.0	0.0	0.1	0.2	1.0	2.6	30.8	63.6	0.1	1.5
46	0.0	0.0	0.1	0.2	0.4	0.7	1.1	20.9	74.5	0.0	2.1
47	0.0	0.0	0.0	0.1	0.2	0.4	2.4	42.1	52.3	0.7	1.6
48	0.0	0.0	0.0	0.1	0.4	0.7	2.7	40.1	54.3	0.3	1.4
49	0.0	0.0	0.1	0.2	0.4	1.2	3.7	21.7	68.9	0.6	3.2
50	0.0	0.0	0.0	0.0	0.2	0.3	0.4	7.6	75.2	2.1	14.0
51	0.0	0.0	0.0	0.0	0.0	0.0	0.7	31.6	66.0	0.2	1.5
52	0.0	0.0	0.0	0.1	0.2	0.4	4.1	41.7	52.1	0.2	1.2
53	0.0	0.0	0.5	0.9	1.4	1.2	1.3	39.8	51.7	0.1	3.2
54	0.0	0.0	0.4	0.5	0.5	0.6	1.0	31.1	63.2	0.1	2.6
56	0.0	0.0	0.0	0.0	0.0	0.0	0.3	20.3	77.6	0.4	1.4
57	0.0	2.1	1.5	1.3	0.6	0.8	3.4	36.3	50.5	1.0	2.4
58	0.0	0.0	0.0	0.0	0.2	0.5	1.3	18.4	77.3	0.4	1.8
59	0.0	0.0	0.0	0.1	0.1	0.3	1.4	54.4	42.0	0.1	1.5
60	0.0	0.0	0.3	0.7	1.6	3.2	8.7	52.6	31.4	0.1	1.4
61	0.0	0.3	0.4	0.8	0.6	1.0	1.9	27.2	42.4	0.1	25.1
62	0.0	0.0	0.5	0.6	0.4	0.8	1.1	28.7	64.7	0.8	2.5
63	0.0	0.4	0.0	0.8	1.3	1.1	1.1	9.5	61.4	2.2	22.1
64	0.0	0.0	0.0	0.5	0.2	0.5	0.8	23.8	72.2	0.2	1.7
65	0.0	0.0	0.3	0.2	0.4	1.3	6.1	36.1	53.8	0.5	1.4
66	0.0	0.0	4.5	3.2	0.9	0.4	0.5	35.0	48.8	0.2	6.5
67	0.0	0.0	0.1	0.4	0.5	0.4	0.3	16.8	72.2	1.6	7.8
68	0.0	0.0	0.1	0.1	0.2	0.3	1.5	29.7	66.5	0.1	1.3
69	0.0	0.0	0.0	0.0	0.0	0.0	0.1	21.5	76.7	0.2	1.5
70	0.0	0.2	1.3	2.5	2.0	2.0	1.8	9.2	58.2	3.8	19.0
71	0.0	0.0	0.0	0.1	0.2	0.5	0.8	10.5	83.2	0.9	3.7

Station	Sieve aperture (µm)										
	31500.0	16000	8000	4000	2000	1000	500	250	125	63	PAN
72	0.0	0.0	0.0	0.2	0.6	1.8	8.1	61.1	26.8	0.1	1.4
73	0.0	0.0	0.1	0.1	0.5	0.4	3.9	63.0	30.3	0.1	1.5
74	0.0	0.0	0.0	0.2	0.8	0.8	0.9	37.1	57.1	0.0	3.0
75	0.0	0.0	0.7	0.2	0.2	0.3	0.9	33.0	54.5	1.3	8.9
76	0.0	0.0	0.1	0.2	0.1	0.1	0.0	14.0	81.1	1.5	2.9
77	0.0	0.0	0.0	0.0	0.1	0.4	1.3	34.5	62.2	0.1	1.3
78	0.0	0.0	0.2	0.2	0.4	1.2	6.1	42.9	47.1	0.5	1.5
79	0.0	0.0	0.0	0.6	1.4	3.5	3.6	30.2	58.0	0.5	2.2
80	0.0	0.0	0.2	0.7	0.8	0.6	0.5	46.2	48.8	0.3	1.9
81	0.0	0.0	0.0	0.1	0.1	0.2	2.0	51.7	44.5	0.1	1.4
82	0.0	1.2	1.8	0.9	0.9	1.6	1.8	25.6	64.1	0.4	1.6
83	0.0	0.0	0.0	0.0	0.1	0.4	0.6	36.9	60.8	0.2	1.1
84	0.0	0.0	3.1	7.4	3.9	1.8	0.9	6.6	64.7	2.1	9.5
85	0.0	0.0	0.2	0.0	0.1	0.1	0.1	8.0	88.0	1.0	2.6
86	0.0	0.0	0.4	0.9	0.8	1.1	3.7	32.4	57.3	0.7	2.7
87	0.0	0.6	3.0	6.6	6.5	2.2	2.3	39.7	36.5	0.6	1.9
88	0.0	0.0	0.0	0.4	0.5	0.6	1.2	28.0	64.5	0.9	3.9
89	0.0	0.0	0.0	0.0	0.0	0.2	2.2	80.2	16.3	0.1	0.9
90	0.0	0.0	0.0	0.0	0.0	0.0	0.1	16.3	81.3	0.4	1.8
91	0.0	0.3	0.3	0.4	0.8	1.3	1.7	34.4	59.1	0.1	1.6
92	0.0	0.0	1.4	1.9	1.9	2.8	3.4	11.0	56.0	2.2	19.4
93	0.0	0.0	0.0	0.0	0.0	0.0	0.3	47.8	50.6	0.1	1.2
94	0.0	0.0	0.1	0.6	0.3	0.2	0.1	39.9	56.0	0.4	2.4
95	0.0	0.0	0.0	0.1	0.3	0.5	6.5	63.3	28.2	0.1	1.0
96	0.0	0.6	3.8	1.1	0.6	0.7	2.3	35.7	53.2	0.3	1.5
97	0.0	0.0	0.0	0.0	0.1	0.1	0.2	52.1	46.4	0.1	1.0
98	0.0	0.0	0.0	0.1	0.1	0.0	0.1	18.5	77.9	0.3	3.0
99	0.0	0.0	0.0	0.1	0.1	0.1	0.1	24.5	73.8	0.2	1.2
100	0.0	1.3	3.5	3.1	1.5	3.5	5.1	25.7	38.5	1.1	16.6
101	0.0	0.2	0.7	2.1	1.4	0.6	1.9	55.7	35.9	0.0	1.5
102	0.0	0.0	0.1	0.1	0.1	0.5	6.1	58.8	32.7	0.1	1.5
103	0.0	0.0	0.7	1.8	1.7	1.3	1.4	25.4	52.8	1.8	13.0
104	0.0	0.0	0.3	0.1	0.1	0.4	0.6	33.0	63.9	0.2	1.4
105	0.0	0.1	0.2	0.2	0.7	1.3	2.0	42.8	51.3	0.1	1.2
106	0.0	0.0	0.0	0.4	1.2	1.5	2.8	30.9	61.6	0.1	1.6
107	0.0	0.0	0.1	0.0	0.1	0.1	0.2	39.2	58.9	0.2	1.2
108	0.0	0.0	0.8	0.6	0.7	0.5	0.6	56.0	38.3	0.3	2.1
109	0.0	0.0	0.0	0.0	0.0	0.0	1.0	66.0	31.0	0.2	1.8
110	0.0	0.0	0.0	0.1	0.1	0.1	0.5	49.9	48.2	0.1	1.2
111	0.0	0.0	0.1	0.2	0.2	0.1	0.1	46.9	51.0	0.0	1.3
112	0.0	0.0	0.0	0.0	0.1	0.1	1.2	51.8	46.0	0.0	0.8
113	0.0	0.0	0.0	0.2	0.1	0.5	2.1	48.3	47.4	0.2	1.2
114	0.0	0.0	0.1	0.4	0.8	0.7	1.3	23.9	67.5	0.6	4.7
115	0.0	0.0	0.0	0.4	0.4	0.2	0.7	44.3	51.0	0.1	2.8
116	0.0	0.2	0.0	0.1	0.1	0.1	0.5	32.3	63.1	0.8	2.7
117	0.0	0.0	0.2	0.5	0.3	0.6	7.6	38.9	48.9	0.1	2.8
118	0.0	0.0	0.2	0.0	0.0	0.1	0.6	47.2	50.7	0.1	1.1
119	0.0	0.0	1.9	1.7	0.8	0.3	0.5	28.8	61.5	1.0	3.5
120	0.0	0.0	0.4	0.3	0.1	0.1	0.2	20.3	72.8	1.3	4.6
121	0.0	0.0	0.7	0.8	1.6	2.3	5.9	74.0	13.4	0.1	1.3
122	0.0	0.0	0.4	0.4	0.5	2.4	17.9	66.6	10.3	0.3	1.1
123	0.0	0.0	0.1	0.1	0.1	0.1	1.2	48.3	48.7	0.2	1.1
124	0.0	0.0	0.0	0.0	0.1	0.1	0.3	31.5	65.8	0.3	1.7
125	0.0	0.0	0.0	0.2	0.0	0.2	0.9	58.2	39.1	0.2	1.3
126	0.0	0.0	0.0	0.3	1.0	2.4	6.7	51.9	36.5	0.1	1.2
127	7.9	1.6	1.8	2.3	1.4	1.3	1.3	19.1	35.6	0.3	27.6
128	0.0	0.0	0.0	0.1	0.1	0.1	0.1	44.2	53.5	0.4	1.5
129	0.0	0.0	0.0	0.1	0.1	0.1	0.5	47.5	49.6	0.5	1.6
130	0.0	0.0	0.0	0.3	0.2	0.3	5.1	62.4	30.4	0.1	1.3
131	0.0	0.0	0.0	0.2	0.3	0.8	7.1	59.2	31.0	0.1	1.2
132	0.0	0.4	1.5	1.5	0.6	0.7	2.4	46.8	42.2	0.3	3.5
133	0.0	0.0	0.0	0.1	0.1	0.2	0.0	28.9	67.5	0.6	2.4
134	0.0	0.0	0.8	1.6	2.6	3.8	9.2	53.5	25.3	0.2	3.2
135	0.0	2.7	1.0	2.0	0.8	0.9	3.6	60.3	27.6	0.1	1.0
136	0.0	0.0	0.0	0.1	0.2	0.4	3.0	51.5	43.3	0.1	1.3
137	0.0	0.0	0.0	0.1	0.2	0.2	0.4	48.4	49.2	0.1	1.5
138	0.0	0.5	3.0	0.7	0.3	0.3	1.0	40.1	51.8	0.5	1.7
139	0.0	0.0	0.0	0.2	0.4	0.7	0.8	47.0	49.2	0.0	1.6
140	0.0	0.0	0.0	0.1	0.3	0.7	6.9	62.5	28.1	0.1	1.2
141	0.0	0.0	0.0	0.2	0.2	0.2	0.3	50.5	46.5	0.2	2.0
142	0.0	0.0	1.1	1.0	0.3	0.3	1.0	53.6	39.7	0.2	3.0
143	0.0	0.0	0.1	0.3	0.3	0.5	5.9	63.7	26.3	0.2	2.7
144	0.0	0.0	0.3	0.3	0.3	0.8	0.9	54.5	41.1	0.2	1.7
145	0.0	0.0	0.6	1.1	1.9	3.6	5.2	51.5	34.5	0.2	1.5

Station	Sieve aperture (µm)										
	31500.0	16000	8000	4000	2000	1000	500	250	125	63	PAN
146	0.0	0.0	0.0	0.1	0.2	0.6	15.9	66.0	16.0	0.1	1.2
147	0.0	0.0	0.0	0.2	0.2	0.4	0.7	49.3	47.7	0.3	1.2
148	0.0	0.0	0.0	0.3	0.2	0.5	2.9	47.7	46.2	0.1	2.1
149	0.0	0.0	0.2	0.2	0.5	0.8	4.4	48.3	43.6	0.3	1.6
150	0.0	0.0	0.0	0.5	0.3	0.8	5.2	73.0	19.3	0.0	0.9
151	0.0	0.0	1.5	1.9	1.9	2.3	4.8	45.8	39.6	0.6	1.6
152	0.0	0.0	0.0	0.0	0.1	0.2	0.9	72.9	24.4	0.2	1.2
153	0.0	0.0	0.5	1.0	0.6	0.9	4.1	60.9	30.2	0.1	1.9
154	0.0	0.0	0.0	1.7	0.6	0.8	2.7	44.1	47.4	0.5	2.1
155	0.0	0.0	0.0	0.1	0.1	0.1	0.2	80.3	17.6	0.0	1.6
156	0.0	0.0	0.1	0.3	0.6	1.0	2.0	48.3	46.2	0.2	1.2
157	0.0	0.0	0.0	0.5	0.4	1.2	1.4	14.3	21.9	10.9	49.4
158	0.0	0.0	0.0	0.7	0.1	0.3	0.2	50.0	46.7	0.1	1.9
159	0.0	0.0	0.0	0.8	0.2	0.3	0.3	57.0	38.7	0.7	2.0
160	0.0	0.0	0.0	0.2	0.3	0.3	0.6	47.1	49.7	0.1	1.8
161	0.0	0.7	0.2	0.5	0.3	0.3	0.3	30.2	64.4	0.6	2.7
162	0.0	0.0	3.5	3.4	0.2	0.6	2.7	26.3	52.0	4.1	7.2
163	0.0	0.0	1.6	1.0	0.4	0.5	3.0	43.3	45.2	0.2	4.7
164	0.0	0.0	0.2	0.7	1.3	1.7	3.5	54.9	35.8	0.0	1.8
165	0.0	0.0	0.0	0.2	0.1	0.1	0.1	55.4	42.4	0.2	1.4
166	0.0	0.0	0.0	1.1	0.7	1.1	0.4	53.0	41.5	0.1	2.2
167	0.0	0.0	0.1	0.0	0.1	0.1	0.5	62.2	36.0	0.1	1.0
168	0.0	0.0	0.0	0.1	0.0	0.2	0.6	65.8	31.7	0.1	1.3
169	0.0	0.0	1.4	2.5	0.6	0.3	0.3	34.1	57.5	0.1	3.2
170	0.0	0.0	0.0	0.3	0.5	1.1	3.4	69.7	23.3	0.1	1.7
171	0.0	0.0	1.1	1.2	0.7	1.3	5.9	58.4	28.9	0.6	2.1
172	0.0	0.0	0.0	0.4	0.3	0.3	1.9	48.2	43.9	0.1	4.9
173	0.0	0.0	0.0	0.2	0.4	0.5	0.5	38.7	58.0	0.0	1.6
174	0.0	0.0	0.1	0.1	0.1	0.1	0.5	85.2	12.5	0.0	1.3
175	0.0	0.8	0.8	1.1	1.2	0.8	0.7	45.2	19.0	2.4	28.1
176	0.0	0.0	0.0	0.1	0.2	0.4	0.7	75.3	21.7	0.0	1.5
177	0.0	0.0	1.3	0.6	0.5	1.4	5.6	78.3	10.8	0.0	1.6
178	0.0	0.0	0.0	0.1	0.1	0.1	0.2	55.7	39.7	0.1	4.0
179	0.0	0.0	0.2	0.5	0.5	0.9	1.6	38.8	34.0	3.5	20.1
180	0.0	0.0	0.0	0.5	0.4	1.3	6.1	64.9	25.0	0.0	1.7
181	0.0	0.0	0.0	0.1	0.1	0.1	0.4	79.4	18.6	0.1	1.4
182	0.0	0.0	0.1	0.5	0.2	0.1	0.3	65.4	31.7	0.0	1.6
183	0.0	0.0	0.0	0.0	0.1	0.1	0.1	55.5	42.9	0.1	1.3
184	0.0	0.0	0.0	0.0	0.1	0.1	0.6	65.2	32.1	0.2	1.7
185	0.0	0.0	0.0	0.4	0.5	0.6	0.9	66.4	29.5	0.0	1.6
186	0.0	0.0	0.4	0.7	0.6	0.7	1.4	72.0	22.5	0.0	1.7
187	0.0	0.0	0.0	0.0	0.1	0.2	4.3	93.3	0.8	0.0	1.2
188	0.0	0.0	0.0	0.2	0.2	0.3	0.9	74.7	22.4	0.2	1.1
189	0.0	0.0	0.4	0.5	0.2	0.3	2.5	68.7	25.5	0.4	1.5
190	0.0	0.2	0.3	0.1	0.2	0.1	0.4	69.1	27.2	0.1	2.2
191	0.0	0.0	0.1	0.4	0.0	0.2	1.4	80.4	16.1	0.1	1.3
192	0.0	0.2	0.2	0.2	0.2	0.2	3.1	74.7	20.2	0.1	1.0
193	0.0	0.0	0.1	0.1	0.3	0.8	3.7	73.1	20.6	0.0	1.3
194	0.0	0.0	0.0	0.1	0.1	0.2	0.8	71.6	26.0	0.1	1.2
195	0.0	1.5	3.0	1.7	0.6	0.6	1.3	61.5	25.1	0.7	3.9
196	0.0	0.0	0.0	0.5	0.4	1.6	6.9	59.7	28.9	0.4	1.6
197	0.0	0.4	5.2	1.9	0.9	1.0	5.8	50.9	30.5	0.3	3.1
198	0.0	0.0	0.0	0.0	0.0	0.4	0.6	67.2	29.3	0.4	2.2
199	0.0	0.0	0.4	1.2	4.2	8.8	8.8	50.5	24.1	0.5	1.5
200	0.0	0.0	0.0	0.3	0.3	0.9	6.6	71.9	18.9	0.1	0.9
201	0.0	0.0	0.0	0.4	1.3	4.4	9.7	58.3	23.1	0.7	2.0
208	0.0	0.0	0.6	0.8	0.7	1.3	3.5	55.7	33.4	1.8	2.0
211	0.0	0.0	0.2	0.6	0.3	0.7	7.3	68.1	17.7	2.7	2.2
212	0.0	0.0	1.0	1.3	1.6	2.4	4.4	71.7	15.5	0.8	1.3
215	0.0	0.0	0.5	1.3	0.8	1.4	7.8	57.2	20.5	3.9	6.4
216	0.0	0.0	0.7	0.6	0.2	0.2	0.4	63.2	31.7	0.5	2.4
217	0.0	0.0	0.0	0.3	0.4	0.9	10.0	77.0	9.9	0.3	1.2
218	0.0	0.0	0.5	0.7	0.8	1.2	1.7	71.3	21.9	0.2	1.6
219	0.0	0.0	0.0	0.2	0.2	0.2	0.4	65.4	30.4	0.9	2.1
220	0.0	0.0	1.2	0.7	0.6	2.4	41.2	40.9	6.5	1.4	5.2
221	0.0	0.0	2.0	3.1	3.5	6.7	13.6	54.7	12.2	1.9	2.3
222	0.0	1.0	1.5	1.7	2.4	2.0	2.3	35.6	22.9	4.7	25.9
223	0.0	0.5	0.4	0.6	0.5	0.7	1.3	76.4	17.3	0.2	2.0
224	0.0	0.0	0.0	0.1	0.5	1.3	7.0	76.7	13.0	0.2	1.2
226	0.0	0.3	0.3	1.4	0.8	0.6	0.6	24.2	35.7	4.0	32.0
227	0.0	0.0	0.2	0.7	1.1	2.7	5.6	62.9	15.7	0.7	10.5
228	0.0	0.0	0.0	0.1	0.2	0.6	5.6	60.6	20.3	2.7	9.8
229	0.0	0.2	0.3	0.5	0.6	0.8	2.3	79.3	13.9	0.2	1.7
230	0.0	0.0	0.6	0.7	1.4	2.6	5.7	77.4	10.2	0.2	1.1

Station	Sieve aperture (µm)										
	31500.0	16000	8000	4000	2000	1000	500	250	125	63	PAN
233	0.0	0.6	0.4	0.7	1.7	5.0	24.6	60.8	4.2	0.3	1.6
234	0.0	1.1	0.7	1.7	2.3	4.4	9.2	62.2	13.7	1.2	3.6
235	0.0	0.0	0.1	0.1	0.3	0.6	4.3	82.2	11.2	0.2	1.1
236	0.0	0.2	0.8	0.9	1.0	1.6	3.3	76.7	13.7	0.4	1.5
237	0.0	0.0	0.7	0.4	0.6	1.1	1.3	68.1	25.4	0.6	1.9
238	0.0	0.0	0.0	0.0	0.0	0.0	0.1	55.3	42.6	0.4	1.5
239	0.0	0.0	0.5	0.4	0.8	2.1	26.0	65.8	3.4	0.1	0.9
240	0.0	0.0	0.1	0.2	0.3	0.3	0.5	41.5	50.0	0.6	6.5
241	0.0	0.0	0.2	0.3	0.6	2.2	8.5	78.6	7.5	0.3	1.9
242	0.0	0.0	1.0	1.6	1.2	1.3	6.5	44.2	16.6	2.0	25.7
243	0.0	0.0	0.5	0.9	1.1	1.7	9.3	71.1	10.7	0.2	4.3
244	0.0	0.0	0.7	0.8	1.7	3.7	8.3	72.3	9.3	0.4	2.9
245	0.0	0.0	0.0	0.5	0.0	0.6	9.0	65.2	22.8	0.6	1.3
246	0.0	0.0	0.0	0.0	0.0	0.1	0.6	38.3	57.5	1.0	2.4
247	0.0	0.0	0.0	0.1	0.0	0.0	0.3	42.3	54.1	1.9	1.4
248	0.0	0.0	0.0	1.3	1.6	5.7	31.8	54.7	3.0	0.8	1.0
249	0.0	0.0	0.0	0.7	1.0	1.4	1.8	39.2	37.6	0.6	17.7
250	2.3	0.8	2.3	2.1	1.6	2.1	4.7	59.4	21.0	0.3	3.4
251	0.0	0.0	0.3	0.4	0.2	0.2	1.5	76.8	18.6	0.4	1.6
252	0.0	0.4	0.7	1.2	2.6	5.0	15.0	62.9	10.5	0.3	1.6
253	0.0	0.0	2.2	3.5	3.5	4.8	6.2	62.4	14.1	0.2	3.1
254	0.0	0.0	0.0	0.0	0.3	2.4	34.2	52.6	9.1	0.2	1.2
255	0.0	0.0	0.1	1.2	1.3	2.6	15.6	72.0	5.4	0.3	1.6
256	0.0	0.0	1.0	0.7	0.6	0.9	1.5	58.9	18.0	0.8	17.7
257	0.0	0.0	0.2	0.7	0.3	0.5	0.5	1.0	91.4	1.7	3.8
258	0.0	0.0	0.2	0.4	0.4	1.0	9.7	54.4	12.7	5.2	15.9
259	0.0	0.4	0.1	0.6	0.9	2.6	6.6	61.5	24.2	0.6	2.4
260	0.0	0.0	0.6	1.9	4.8	6.7	2.9	22.2	15.4	0.6	44.9
261	0.0	0.0	0.1	0.2	0.3	0.5	1.0	74.3	20.7	0.3	2.5
262	0.0	0.0	0.3	0.5	0.8	1.2	1.8	72.4	21.3	0.3	1.4
263	0.0	0.0	0.0	0.0	0.0	0.0	1.9	66.2	30.8	0.0	1.0
264	0.0	0.0	0.0	0.0	0.1	0.3	5.7	74.0	18.4	0.4	1.1
265	0.0	0.0	0.1	0.0	0.1	0.2	0.5	63.3	30.4	2.8	2.6
266	0.0	0.0	0.1	0.9	1.5	1.6	4.0	53.9	15.2	2.3	20.5
267	0.0	0.0	0.0	0.2	0.4	0.5	1.5	43.8	36.6	0.5	16.5
268	0.0	0.0	2.5	1.7	1.1	1.2	2.2	42.1	16.2	4.0	29.0
269	0.0	0.0	0.5	1.2	1.2	2.6	12.6	67.1	12.5	0.4	1.9
270	0.0	0.3	1.3	0.6	0.8	0.6	1.3	45.1	33.6	1.4	15.0
271	0.0	0.0	0.2	2.1	0.7	1.3	1.6	26.9	35.4	8.2	23.7
272	0.0	0.0	0.0	0.0	0.0	0.1	0.1	2.6	95.1	0.6	1.5
273	0.0	0.0	0.4	1.5	1.2	2.2	6.5	39.1	32.4	7.9	8.9
274	0.0	0.0	0.0	0.0	0.0	0.1	0.3	51.5	45.7	0.5	1.9
275	0.0	0.0	0.9	1.1	1.5	2.4	4.1	37.1	16.8	1.2	34.9
276	0.0	1.3	5.2	4.0	2.2	2.1	2.5	34.0	33.9	2.9	11.8
277	0.0	0.6	2.2	2.7	2.1	2.5	6.1	69.0	12.8	0.1	1.8
278	0.0	0.1	0.0	0.6	0.4	0.5	2.6	63.6	20.6	2.7	8.9
279	6.6	1.4	2.2	1.4	2.4	1.0	1.8	46.7	22.0	2.9	11.7
280	0.0	0.0	0.0	0.0	0.0	0.1	0.3	31.0	66.7	0.6	1.2
281	0.0	0.0	0.2	0.1	0.1	0.2	1.2	44.0	52.7	0.2	1.4
282	0.0	0.0	0.2	0.4	0.3	0.5	1.6	65.4	24.3	2.8	4.6
283	0.0	0.0	0.1	0.5	0.3	0.3	0.4	0.9	73.3	1.3	22.9
284	0.0	0.7	0.7	1.6	2.9	6.0	11.4	55.1	12.0	0.3	9.3
285	4.1	3.0	5.2	4.8	5.4	10.0	6.0	24.6	12.0	1.3	23.5
286	0.0	5.9	3.5	3.6	2.6	2.8	3.4	44.5	10.2	1.1	22.4
287	0.0	0.0	1.0	0.2	0.3	0.4	0.6	64.7	27.8	1.3	3.8
288	0.0	0.2	1.6	1.1	0.6	0.5	0.5	64.4	29.0	0.1	2.0
289	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	94.2	1.9	1.3
290	0.0	0.0	0.0	0.0	0.0	0.1	0.4	26.1	70.8	0.6	2.0
291	0.0	0.0	0.0	0.0	0.1	0.1	0.3	62.4	35.4	0.1	1.5
293	0.0	0.0	0.4	0.5	1.0	1.6	3.5	74.2	17.5	0.1	1.2
294	0.0	1.5	3.6	2.7	1.8	2.1	2.3	53.6	30.0	0.2	2.3
295	0.0	0.3	0.9	0.7	1.0	2.1	6.7	72.7	13.6	0.2	1.7
296	0.0	0.0	0.1	0.1	0.4	0.5	0.8	76.2	19.5	0.2	2.2
297	0.0	0.0	0.1	1.0	0.3	0.6	2.5	57.1	36.1	1.0	1.4
298	0.0	0.0	0.4	1.0	1.9	3.2	15.2	65.4	11.2	0.2	1.6
299	0.0	0.0	0.0	0.0	0.0	0.1	0.5	22.8	72.0	2.6	1.9
300	0.0	2.1	0.1	1.4	1.6	2.5	2.8	47.4	13.6	6.9	21.6
301	0.0	0.2	1.7	2.5	2.8	2.1	2.0	56.1	22.7	0.3	9.6
302	0.0	0.4	0.3	1.6	1.7	4.2	6.3	72.7	10.4	0.4	2.0
303	0.0	0.9	1.2	0.9	0.8	0.7	2.4	77.2	13.8	0.3	1.8
304	0.0	0.0	0.6	0.7	0.5	0.4	0.4	76.8	18.6	0.5	1.6
305	0.0	0.0	0.0	0.0	0.0	0.0	0.1	34.5	63.7	0.1	1.5
306	0.0	0.0	0.1	0.2	0.2	0.3	0.5	65.8	22.7	2.3	7.9
307	0.0	0.0	0.0	0.0	0.1	0.1	0.3	40.1	17.5	2.8	39.1

Station	Sieve aperture (µm)										
	31500.0	16000	8000	4000	2000	1000	500	250	125	63	PAN
308	0.0	0.1	1.5	0.8	1.1	1.4	2.4	78.2	12.7	0.3	1.5
309	0.0	0.0	0.6	2.2	2.4	3.4	4.8	54.5	19.5	1.7	10.9
310	0.0	0.3	0.9	1.7	4.6	11.4	23.5	46.1	6.2	0.4	5.0
311	0.0	0.2	0.9	0.7	0.5	0.2	0.6	77.8	16.9	0.4	1.8
312	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.8	58.4	4.9	32.6
313	0.0	0.0	1.1	0.4	0.3	0.3	0.8	49.8	42.4	1.0	3.9
314	0.0	0.0	0.1	0.1	0.1	0.2	0.4	41.0	19.7	2.1	36.4
315	0.0	0.0	0.7	0.7	0.6	0.9	2.1	60.8	30.8	0.6	2.9
316	0.0	0.0	0.4	1.4	2.9	6.0	14.3	61.8	7.4	0.9	4.9
317	0.2	0.0	1.3	2.6	4.4	6.0	11.9	64.0	6.5	0.3	2.8
318	0.0	0.4	0.9	0.6	0.6	0.2	0.3	55.6	17.4	1.0	23.0
319	0.0	0.0	0.0	0.3	0.1	0.2	2.9	60.6	31.0	2.6	2.3
320	0.0	0.0	0.3	0.1	0.1	0.1	0.5	65.1	29.8	1.8	2.3
321	0.0	0.0	0.0	0.1	0.1	0.3	0.8	1.3	53.8	2.1	41.6
322	0.0	0.0	0.5	0.2	0.5	0.6	1.5	69.2	24.2	0.6	2.7
323	0.0	0.0	2.0	14.8	16.3	10.5	2.7	18.5	12.9	1.9	20.5
324	0.0	1.5	1.8	2.4	2.3	2.7	4.5	65.0	17.6	0.2	2.0
325	0.7	0.2	1.4	1.4	1.9	3.0	3.8	75.9	10.0	0.1	1.6
326	0.0	0.0	0.9	1.6	2.2	2.8	5.5	32.5	47.0	5.0	2.6
327	0.0	0.0	0.0	0.0	0.1	0.3	1.6	74.5	21.2	0.3	1.9
328	0.0	0.4	0.2	0.4	0.5	0.4	0.9	57.5	15.9	1.8	22.2
329	0.0	0.0	1.3	0.7	0.2	0.3	0.4	65.7	28.6	0.7	2.0
330	0.0	25.8	6.1	2.4	2.1	1.8	2.6	42.1	10.0	0.7	6.4
331	0.0	0.0	0.4	1.7	1.6	2.8	4.5	60.6	23.2	1.6	3.7
332	0.0	0.0	0.0	0.1	0.3	1.2	5.2	78.7	9.6	1.4	3.4
333	0.0	0.0	0.0	0.2	0.4	1.1	3.5	46.0	36.5	1.9	10.3
334	0.0	0.0	0.1	0.2	0.2	0.5	1.9	89.4	6.3	0.4	1.2
335	0.0	0.0	0.3	0.6	0.6	1.6	4.8	74.1	15.3	0.3	2.4
336	0.0	0.0	0.3	0.5	0.8	1.2	3.9	80.6	11.5	0.1	1.2
337	0.0	0.1	0.5	1.6	2.9	1.6	8.9	74.3	8.5	0.1	1.3
338	0.0	0.0	1.5	1.3	1.1	1.4	6.9	78.4	5.8	0.8	2.9
339	0.0	0.0	0.0	0.3	0.6	1.3	6.7	79.7	8.9	0.6	1.9
340	0.0	0.1	0.3	0.2	0.3	0.4	1.3	61.3	33.6	0.4	2.0
341	0.0	0.0	0.1	0.4	1.0	1.9	4.5	82.2	7.3	0.2	2.5
342	0.0	0.0	0.5	1.0	2.0	5.1	11.7	70.1	7.5	0.2	1.9
343	0.0	0.0	0.0	0.1	0.1	0.5	6.5	63.6	14.7	4.6	10.0
344	0.0	0.0	0.0	0.9	1.7	2.2	14.4	71.4	3.8	1.8	3.7
345	0.0	0.0	0.1	0.2	0.5	1.2	6.8	84.3	4.7	0.4	1.8
346	0.0	0.2	0.6	0.2	0.2	0.2	0.6	60.2	35.3	0.3	2.5
347	0.0	0.0	1.3	1.1	1.3	3.3	6.5	79.2	6.1	0.1	1.0
348	0.0	1.0	1.2	1.9	4.0	5.4	13.9	58.6	10.0	0.3	3.6
349	0.0	0.0	0.2	0.2	0.5	2.3	14.5	76.1	3.4	0.9	1.8
350	0.0	0.1	0.9	0.9	1.1	3.9	26.7	61.7	2.8	0.4	1.4
351	0.0	0.0	0.0	0.2	0.1	0.3	0.6	63.0	23.3	1.4	11.1
352	0.0	1.4	1.5	2.2	2.1	2.1	5.6	68.2	14.8	0.3	1.7
353	1.5	3.5	6.6	2.6	2.5	3.3	3.8	49.5	23.5	0.4	2.8
355	0.0	0.8	3.9	4.6	7.5	14.6	22.2	41.6	2.5	0.7	1.6
356	0.0	1.1	2.2	1.7	1.8	2.9	14.3	67.4	6.0	0.5	2.0
357	0.0	0.0	0.0	0.2	0.1	0.2	0.4	78.3	18.4	0.2	2.3
358	0.0	0.0	0.3	1.5	2.3	4.6	9.0	74.1	6.7	0.1	1.4
359	0.0	0.3	1.6	0.6	0.9	1.7	6.4	78.4	8.7	0.1	1.4
360	0.0	0.0	0.6	1.7	2.3	4.6	28.7	56.8	3.6	0.4	1.4
361	0.0	0.0	0.0	0.1	0.5	3.2	49.6	44.0	1.3	0.2	1.2
362	0.0	0.0	0.0	0.1	0.4	0.8	7.4	83.7	5.0	0.2	2.3
363	0.0	0.0	0.1	0.4	1.0	2.0	14.6	70.0	9.5	0.2	2.2
364	0.0	0.1	3.4	4.3	2.9	1.7	1.5	53.7	28.7	0.8	3.0
365	1.0	0.2	2.0	2.9	5.8	13.2	44.4	26.5	2.2	0.4	1.4
366	0.0	1.6	9.8	5.6	5.1	11.8	13.1	41.9	8.1	1.1	2.1
367	0.0	0.0	0.4	0.5	0.6	1.9	13.1	76.5	5.2	0.2	1.5
368	0.0	0.0	0.1	0.2	0.1	0.1	1.3	83.7	13.2	0.1	1.4
369	0.0	0.0	0.2	0.6	0.8	1.1	4.8	87.0	4.2	0.1	1.3
370	0.0	0.0	15.5	11.0	9.5	7.0	3.4	32.4	17.1	0.4	3.6
371	0.0	0.0	0.3	1.3	2.0	2.9	14.6	69.5	7.2	0.5	1.7
372	0.0	0.0	0.3	0.8	1.5	2.3	6.7	83.7	3.6	0.1	1.0
373	0.0	0.0	0.1	0.3	0.4	0.9	3.7	79.5	13.9	0.1	1.1
374	0.0	0.0	0.8	0.3	0.5	0.8	11.6	75.4	8.5	0.1	1.8
375	0.0	0.0	0.3	0.8	0.7	1.0	3.8	81.4	10.6	0.1	1.2
377	0.0	5.0	6.4	7.0	5.5	4.2	11.6	42.8	13.3	1.1	3.2
378	0.0	1.5	1.7	1.3	0.8	1.1	8.8	76.2	7.4	0.1	1.2
379	1.2	0.3	0.4	0.2	0.1	0.1	1.1	74.6	20.5	0.1	1.5
380	0.0	0.0	0.1	0.4	0.4	0.9	6.1	84.0	6.8	0.1	1.3
381	0.0	0.3	0.3	1.3	2.7	8.4	22.7	54.0	8.6	0.3	1.4
384	0.0	6.7	1.4	0.8	0.5	0.6	2.8	75.2	10.5	0.0	1.3
385	0.0	0.1	0.5	0.9	2.5	4.7	12.8	69.2	7.7	0.2	1.3

Station	Sieve aperture (µm)										
	31500.0	16000	8000	4000	2000	1000	500	250	125	63	PAN
386	0.0	0.0	0.1	0.2	0.4	0.3	0.8	83.6	13.2	0.1	1.3
388	0.0	0.7	3.8	5.3	2.2	1.8	6.1	74.0	4.5	0.3	1.4
389	0.0	0.2	0.3	0.2	0.3	0.8	17.7	74.9	4.3	0.1	1.2
390	0.0	0.0	0.1	0.5	0.6	0.8	5.0	85.5	6.5	0.1	0.9
391	0.0	0.0	0.3	0.8	0.7	1.5	7.2	66.7	16.5	1.1	5.3
392	0.0	0.0	0.2	1.1	1.1	1.3	2.7	79.2	13.1	0.0	1.3
393	0.0	11.8	16.4	17.0	8.5	4.3	3.8	19.2	9.6	1.1	8.3
394	0.0	0.1	0.4	0.9	1.8	4.2	25.2	62.5	3.5	0.1	1.3
395	2.0	1.7	0.6	0.4	0.3	0.5	5.5	70.8	16.3	0.1	1.7
396	11.3	0.0	4.2	2.2	1.9	2.4	6.8	64.0	6.0	0.1	1.0
397	0.0	0.0	2.1	0.6	0.6	0.8	1.7	73.8	19.3	0.1	1.0
398	0.0	0.0	1.3	2.8	2.1	2.6	31.3	54.6	3.3	0.2	1.7
399	0.0	0.2	3.9	5.1	3.8	5.2	11.8	61.1	6.6	0.7	1.6
400	0.0	0.0	1.9	1.0	0.9	1.5	9.8	73.4	9.8	0.5	1.1
401	0.0	0.0	0.8	0.8	1.1	1.7	9.9	78.3	6.4	0.0	0.9
402	0.0	0.0	0.2	0.2	0.3	0.6	3.1	78.0	16.4	0.1	1.1
403	0.0	0.5	2.3	3.6	1.5	1.1	5.0	77.9	6.5	0.2	1.4
404	0.0	0.0	0.2	0.6	1.0	1.7	3.2	78.3	13.0	0.3	1.7
406	0.0	0.1	1.7	3.2	0.9	0.9	9.0	50.3	21.6	3.0	9.3
407	0.0	0.0	7.7	11.6	8.0	4.1	11.5	45.3	8.1	0.7	3.0
408	0.0	0.0	2.4	1.5	0.8	0.9	3.0	59.8	14.2	1.4	16.1
409	0.0	0.0	0.0	0.2	0.4	0.7	4.9	80.9	10.5	0.5	1.9
410	0.0	0.0	3.4	2.4	1.9	1.6	3.3	68.8	17.1	0.4	1.0
411	0.0	0.4	2.6	2.4	1.4	0.9	11.1	76.3	3.8	0.1	1.0
412	0.0	0.2	1.6	4.0	1.8	3.8	9.4	69.2	8.3	0.3	1.4
413	0.0	0.0	0.0	0.2	0.3	0.8	3.0	90.1	4.5	0.0	1.0
414	0.0	1.1	25.4	22.9	7.9	2.7	2.9	20.2	10.8	1.3	4.7
415	0.0	0.0	4.0	2.9	1.7	0.9	2.0	18.6	35.2	1.9	32.8
416	0.0	0.0	1.8	5.0	7.3	7.5	23.0	48.7	4.9	0.4	1.4
417	0.0	0.4	1.3	2.3	1.2	1.8	10.3	62.7	14.6	0.8	4.5
418	0.0	2.2	7.1	6.1	3.4	3.4	21.7	39.2	13.5	0.8	2.6
419	2.1	10.4	9.0	9.2	5.0	1.6	0.5	32.7	22.2	1.7	5.7
420	0.0	11.1	5.3	2.0	1.4	1.5	3.6	51.9	20.5	0.9	1.8
421	0.0	0.0	0.7	0.7	0.5	0.8	5.4	77.0	11.9	0.5	2.5
422	0.0	1.5	2.2	3.2	2.1	1.9	8.3	73.1	6.6	0.1	1.1
423	0.0	0.0	0.0	0.4	0.4	0.7	6.5	89.4	1.7	0.1	0.9
424	0.0	0.0	0.4	0.8	1.4	3.7	8.0	77.3	7.2	0.0	1.2
425	0.0	0.0	0.3	0.5	0.1	0.2	5.6	62.3	4.0	0.2	26.9
426	0.0	1.7	11.4	2.6	7.0	7.4	14.4	47.7	4.8	0.7	2.3
427	0.0	0.0	0.2	1.0	2.3	3.9	21.4	64.1	4.8	0.1	2.2
428	0.0	0.3	11.6	7.4	0.9	0.5	4.3	58.8	9.9	1.2	5.2
429	0.0	0.0	0.5	2.5	3.2	7.2	26.8	54.9	3.0	0.3	1.6
430	0.0	16.3	11.2	6.2	2.1	1.5	3.8	44.6	9.6	0.6	4.1
431	0.0	14.7	6.5	2.1	1.6	1.6	5.1	45.9	10.2	0.8	11.4
432	0.0	0.0	5.1	3.5	1.7	1.4	4.6	69.8	12.0	0.2	1.7
433	0.0	0.0	0.2	1.3	2.9	3.8	22.1	66.5	2.1	0.0	1.0
434	0.0	0.0	0.2	0.2	0.4	2.7	29.9	62.8	2.7	0.1	1.1
435	0.0	0.0	2.9	0.5	0.3	0.3	2.2	74.8	16.6	0.5	1.9
436	0.0	0.0	1.4	2.4	1.9	1.8	9.8	65.3	11.7	0.4	5.2
437	0.0	0.0	1.6	2.4	0.8	0.5	4.6	56.1	31.9	0.6	1.5
438	0.0	15.9	9.4	3.8	2.3	1.6	8.8	52.6	4.2	0.2	1.2
439	0.0	0.2	1.0	3.9	6.0	10.1	29.1	44.8	2.9	0.2	1.7
440	0.0	0.0	0.3	0.4	0.5	1.3	9.9	75.0	10.7	0.2	1.7
442	0.0	0.0	1.1	2.3	3.6	6.1	13.1	63.5	8.7	0.1	1.5
443	0.0	0.4	1.0	3.5	5.4	5.3	18.1	54.3	10.2	0.3	1.5
444	0.0	3.7	3.4	3.1	1.5	1.0	3.4	74.7	7.7	0.0	1.6
445	0.0	0.0	0.8	0.6	0.3	0.7	11.7	77.5	6.6	0.2	1.5
446	0.0	13.2	18.4	9.0	0.9	0.4	3.4	49.2	4.3	0.2	0.9
447	0.0	2.1	13.8	5.7	3.6	4.8	14.0	39.6	14.2	0.5	1.7
448	0.0	0.0	0.2	0.7	0.8	1.2	25.7	67.6	2.3	0.2	1.4
449	0.0	0.0	0.3	1.9	2.6	4.5	19.9	60.8	6.5	0.4	3.1
450	0.0	0.1	2.3	3.3	2.4	4.6	22.1	55.5	8.1	0.1	1.4
451	0.0	7.5	5.8	5.9	4.7	2.6	6.5	48.3	12.5	1.1	5.1
452	0.0	0.9	2.8	2.5	2.8	5.0	11.6	64.2	8.4	0.4	1.2
453	0.0	1.1	0.7	0.7	0.7	1.3	11.2	76.4	6.1	0.1	1.6
454	0.0	0.0	0.4	2.2	3.8	3.4	9.2	76.3	3.7	0.0	1.0
455	0.0	5.2	29.4	7.2	2.8	1.8	11.1	38.1	3.3	0.2	0.9
456	0.0	0.0	0.0	0.0	0.0	0.1	3.1	60.6	15.3	0.7	20.1
457	0.0	9.9	8.4	2.1	0.7	0.6	0.9	61.2	14.6	0.0	1.4
458	0.0	3.6	9.8	13.5	6.8	3.9	6.9	33.1	15.6	0.5	6.3
459	0.0	1.4	9.1	12.4	1.3	0.3	2.5	67.2	4.4	0.1	1.3
460	0.0	2.7	9.1	7.4	4.4	3.8	7.3	34.1	25.6	1.5	4.1
461	0.0	0.0	0.7	1.1	1.5	2.5	8.7	73.3	6.2	0.5	5.5
462	0.0	2.4	1.4	2.3	1.8	1.9	3.7	66.7	15.9	0.7	3.2

Station	Sieve aperture (µm)										
	31500.0	16000	8000	4000	2000	1000	500	250	125	63	PAN
463	0.0	0.7	3.0	5.9	4.3	2.4	2.3	55.8	22.0	0.6	2.9
464	0.0	0.0	0.1	0.5	0.9	1.7	8.4	80.5	7.0	0.1	0.9
465	0.0	0.0	5.4	2.2	1.1	0.8	5.6	68.9	14.5	0.2	1.3
466	0.0	1.8	5.0	1.0	0.2	0.3	3.8	73.5	13.5	0.2	0.9
467	0.0	0.0	0.3	1.1	0.6	0.5	5.9	65.1	25.0	0.1	1.4
468	0.0	2.6	13.7	8.9	1.8	1.2	10.4	52.2	8.4	0.1	0.6
469	9.2	1.9	7.9	5.6	2.4	1.7	3.5	23.7	18.0	21.8	4.3
470	0.0	6.9	1.0	0.4	0.1	0.2	1.7	73.4	11.0	0.6	4.6
471	0.0	0.0	0.2	0.2	0.3	1.1	18.3	77.4	1.1	0.0	1.3
472	0.0	1.0	0.0	0.4	0.4	0.5	16.2	75.8	3.5	0.2	2.0
473	7.3	13.6	9.3	2.9	1.6	1.4	6.2	40.7	12.9	1.4	2.6
474	0.0	1.3	7.3	3.1	0.7	1.2	12.4	50.6	13.0	0.7	9.7
475	0.0	0.4	22.3	13.3	6.2	4.1	4.8	22.0	22.8	0.2	3.9
476	0.0	0.0	1.7	8.6	7.8	4.0	6.2	50.3	17.3	0.8	3.4
477	0.0	0.0	0.0	0.1	0.2	0.6	13.2	83.8	1.0	0.0	1.2
478	0.0	0.0	0.0	0.2	0.2	0.6	5.1	90.7	2.0	0.0	1.2
479	0.0	14.4	12.7	8.7	5.1	3.1	5.5	38.2	9.4	0.6	2.3
480	0.0	0.1	0.3	0.2	0.2	0.4	2.4	83.0	10.8	0.6	1.8
481	0.0	0.0	6.8	11.6	7.8	6.1	19.9	44.0	2.3	0.2	1.3
482	10.1	1.5	7.8	7.8	7.4	3.3	2.1	36.6	19.8	0.7	2.9
483	0.0	0.0	2.5	1.3	1.8	4.0	9.6	68.0	10.3	0.4	2.1
484	2.7	0.2	0.9	2.7	1.2	1.7	7.6	72.8	7.6	0.3	2.3
485	0.0	0.0	0.0	0.5	0.7	1.4	9.0	79.4	7.5	0.1	1.4
487	0.0	0.0	0.3	0.5	0.6	0.9	7.1	83.8	5.1	0.0	1.6
488	0.0	0.2	1.8	1.3	0.5	0.4	3.8	87.5	3.6	0.0	1.0
489	0.0	0.0	0.1	0.5	0.5	1.7	22.0	70.5	3.3	0.1	1.3
490	0.0	0.0	0.7	1.8	1.3	1.2	7.2	82.8	3.8	0.1	1.1
491	0.0	0.0	0.2	1.5	2.0	2.9	24.3	63.0	4.7	0.1	1.3
492	0.0	0.0	8.2	2.4	0.9	0.8	3.7	65.7	16.6	0.5	1.2
493	0.0	0.0	0.4	0.3	0.2	0.7	8.5	86.4	2.2	0.1	1.3
494	0.0	0.0	0.1	0.1	0.6	2.9	37.2	57.4	0.7	0.0	1.1
495	0.0	15.6	2.7	1.9	1.1	0.8	2.0	68.6	6.0	0.1	1.0
496	0.0	0.2	1.4	2.6	1.4	3.4	28.2	58.0	2.3	0.4	2.1
497	0.0	0.0	0.1	0.2	2.1	25.4	57.8	12.6	0.5	0.1	1.1
498	0.0	0.0	0.0	0.1	0.3	0.9	13.4	83.2	0.7	0.0	1.4
499	0.0	0.0	0.0	0.1	0.1	0.4	1.5	88.7	7.7	0.1	1.4
501	0.0	1.2	4.6	3.4	1.7	2.7	23.9	56.9	3.6	0.3	1.8
502	0.0	0.7	1.7	3.1	2.8	3.4	11.9	72.9	2.3	0.0	1.2
503	0.0	0.0	0.0	0.0	0.2	0.9	26.2	70.3	1.4	0.0	1.1
504	0.0	0.1	0.5	0.4	0.5	1.0	5.2	87.5	3.7	0.1	1.0
505	0.0	0.0	1.1	1.7	1.7	1.5	4.0	81.7	5.8	0.3	2.2
506	0.0	0.1	1.3	4.0	4.7	4.5	11.8	71.0	1.0	0.1	1.4
507	0.0	0.0	2.1	2.1	1.7	2.2	8.4	76.7	5.3	0.2	1.4
508	0.0	0.0	0.7	0.6	0.6	1.1	14.6	76.8	4.0	0.2	1.3
509	0.0	0.0	0.0	0.0	0.0	0.0	1.5	96.0	1.4	0.0	1.0
510	0.0	0.0	2.0	5.9	4.4	2.9	13.9	60.1	8.8	0.2	1.7
511	0.0	1.4	11.7	5.1	4.1	3.4	11.9	44.2	15.2	0.6	2.4
512	0.0	0.8	8.3	6.7	3.4	2.4	9.4	66.0	1.6	0.1	1.3
513	0.0	0.4	1.5	2.2	1.9	3.2	19.6	62.7	6.2	0.5	1.9
514	0.0	0.0	0.0	0.0	0.1	0.3	17.8	79.0	1.7	0.1	1.1
515	0.0	0.0	0.1	0.1	0.3	0.8	25.4	70.5	1.4	0.0	1.4
516	0.0	0.0	0.0	0.0	0.1	0.3	17.6	79.7	1.0	0.0	1.3
517	0.0	0.0	0.5	1.4	2.0	3.2	18.2	71.6	1.4	0.1	1.6
518	0.0	2.6	3.5	2.7	4.6	4.5	12.4	61.5	6.5	0.6	1.0
519	0.0	0.0	2.0	1.9	1.2	0.7	11.3	78.4	3.2	0.1	1.3
520	0.0	0.0	0.4	1.4	4.1	6.4	44.9	40.9	0.3	0.0	1.7
521	0.0	0.0	0.3	0.7	1.0	3.4	44.4	48.2	0.5	0.1	1.6
522	0.0	0.0	6.3	7.1	7.3	6.1	20.3	45.2	5.8	0.2	1.7
524	16.1	9.9	4.8	5.1	1.4	0.8	3.0	51.4	4.6	0.4	2.5
525	0.0	0.0	0.0	0.1	0.4	1.9	24.5	70.3	1.6	0.1	1.0
526	0.0	0.0	0.0	0.0	0.0	0.1	6.7	90.8	1.2	0.0	1.3
527	0.0	0.0	1.2	0.5	0.3	0.6	17.8	74.1	3.8	0.2	1.6
528	0.0	0.0	0.2	0.6	0.7	1.4	11.6	83.2	1.3	0.1	1.0
529	0.0	0.0	0.0	0.1	0.1	0.3	18.0	80.0	0.5	0.0	1.0
530	0.0	6.1	3.7	2.3	0.6	0.5	3.7	70.5	8.7	1.0	3.0
531	0.0	0.0	0.6	0.4	0.0	0.1	1.4	91.8	4.4	0.1	1.2
532	0.0	2.6	0.5	1.0	1.9	3.2	26.9	58.8	3.2	0.2	1.7
534	0.0	7.0	13.4	7.9	3.6	3.8	10.9	46.0	5.3	0.4	1.8
535	0.0	1.3	9.0	7.2	7.1	8.9	37.4	26.4	0.9	0.1	1.6
536	0.0	0.5	2.0	1.0	0.3	0.5	8.4	79.0	5.9	0.3	2.1
537	0.0	8.3	5.0	3.0	1.1	0.8	13.6	64.2	2.8	0.1	1.2
538	0.0	0.0	3.9	3.1	3.5	4.2	26.5	54.8	2.6	0.1	1.3
539	0.0	0.0	1.3	2.6	1.8	3.8	23.7	64.4	1.4	0.0	1.0
540	0.0	0.0	0.1	0.1	0.3	0.3	6.4	83.2	8.1	0.1	1.3



Station	Sieve aperture (µm)										
	31500.0	16000	8000	4000	2000	1000	500	250	125	63	PAN
541	15.0	6.0	3.5	4.0	3.0	1.9	8.6	49.1	7.1	0.1	1.6
542	0.0	0.0	0.0	0.0	0.0	0.4	8.6	86.9	2.9	0.0	1.1
543	0.0	0.0	0.6	1.6	2.7	6.6	42.9	42.4	0.7	0.1	2.5
544	0.0	0.6	1.6	1.2	0.9	0.9	11.9	80.9	1.8	0.1	0.1
545	0.0	0.0	0.5	1.1	1.7	4.7	41.9	47.2	1.5	0.1	1.3
546	0.0	0.0	1.0	0.8	0.7	1.0	10.3	76.7	7.6	0.3	1.6
547	0.0	12.7	13.8	6.0	6.7	9.2	16.6	24.2	4.8	1.6	4.3
548	0.0	2.9	1.0	1.3	0.3	0.4	10.5	80.4	1.7	0.1	1.6
549	0.0	0.0	0.0	0.1	0.9	5.5	61.4	30.3	0.3	0.0	1.5
550	0.0	0.0	0.8	1.4	2.0	4.1	22.2	61.6	6.1	0.0	1.8
551	0.0	0.0	0.0	0.3	0.3	0.4	11.6	84.7	1.5	0.1	1.1
552	0.0	0.1	0.0	1.8	3.0	3.7	31.8	55.3	2.8	0.1	1.4
554	0.0	0.0	0.9	2.7	4.4	4.1	26.6	58.6	1.4	0.0	1.2
555	0.0	0.0	0.5	1.1	1.0	2.0	23.4	66.2	4.1	0.1	1.8
556	0.0	0.0	0.2	0.1	0.4	1.0	17.2	77.3	2.4	0.1	1.3
557	4.3	1.9	6.2	6.5	2.8	1.1	6.1	62.4	7.4	0.1	1.2
558	0.0	0.0	0.9	1.5	0.3	0.4	6.1	79.8	9.9	0.1	1.1
559	0.0	2.8	4.5	3.9	1.1	0.5	7.3	70.3	8.1	0.2	1.2
561	0.0	0.0	0.5	0.1	0.3	0.6	5.8	86.7	4.7	0.0	1.3
566	0.0	0.0	0.3	0.2	0.1	0.2	0.5	88.3	9.1	0.1	1.2
571	0.0	0.0	0.1	0.2	0.2	0.3	1.5	88.9	7.2	0.2	1.3
577	0.0	0.7	0.7	2.3	3.0	5.8	19.2	61.7	4.8	0.1	1.6
579	0.0	0.0	0.5	1.4	1.3	1.6	7.3	81.9	4.3	0.0	1.7
585	0.0	0.0	0.1	1.4	5.4	14.5	25.5	50.0	2.2	0.0	1.1
589	0.0	0.0	1.1	1.0	0.9	0.9	7.5	81.3	5.0	0.1	2.3
599	0.0	5.5	10.8	7.7	3.4	2.3	1.8	53.1	13.3	0.3	1.8
601	0.0	0.0	0.1	0.2	0.6	1.6	12.6	82.3	1.2	0.0	1.4
616	0.0	0.5	1.6	1.4	0.8	1.6	8.6	77.6	6.3	0.1	1.5
618	0.0	4.0	3.3	2.5	1.3	1.3	6.7	72.9	6.8	0.1	1.2
630	0.0	0.0	0.0	0.1	0.2	0.3	21.1	76.7	0.4	0.0	1.2
632	0.0	0.0	0.0	0.7	1.0	0.8	10.1	83.9	2.2	0.0	1.3
640	0.0	0.0	3.3	5.5	8.8	12.1	20.0	45.5	3.2	0.2	1.3
642	0.0	0.0	3.9	3.6	0.8	0.7	1.4	70.6	16.2	0.6	2.2
644	0.0	0.0	2.8	2.3	1.1	0.7	3.5	79.0	8.7	0.3	1.7
653	0.0	0.0	0.3	0.4	0.5	1.6	9.4	85.5	1.0	0.0	1.3
655	0.0	0.0	0.2	0.3	0.3	0.8	11.8	81.8	3.4	0.0	1.3
657	0.0	0.0	0.0	0.2	0.4	1.5	26.5	68.7	1.4	0.0	1.3
664	0.0	0.0	0.1	0.2	0.3	0.3	1.9	91.2	4.5	0.1	1.4
666	0.0	0.0	0.5	0.3	0.2	0.3	9.4	83.2	4.8	0.0	1.3
673	0.0	0.0	0.5	1.7	2.1	1.6	7.1	79.8	5.2	0.2	2.0
675	0.0	15.0	2.1	4.0	2.6	1.8	4.8	58.3	8.0	0.8	2.8
677	0.0	17.4	4.0	4.6	1.6	0.9	1.6	53.9	14.7	0.2	1.1
683	0.0	0.0	0.0	0.6	0.5	1.7	34.6	58.5	1.7	0.1	2.4
685	0.0	0.0	0.0	0.7	0.7	0.6	3.9	84.6	8.2	0.2	1.1
692	0.0	0.1	0.9	0.6	0.4	0.7	7.3	81.0	6.7	0.4	1.8
694	0.0	0.0	0.0	0.1	0.1	0.4	5.7	88.0	4.4	0.1	1.3
701	0.0	0.0	0.0	0.0	0.1	0.2	4.3	89.5	4.9	0.1	0.9
707	0.0	0.3	0.8	0.7	0.6	1.0	9.0	80.0	5.8	0.1	1.7
712	0.0	0.5	1.3	0.6	0.2	0.4	19.5	71.6	4.6	0.0	1.3
713	0.0	0.0	0.0	0.0	0.1	0.1	14.7	80.7	3.3	0.1	0.9
738	0.0	8.9	12.0	13.8	2.9	2.4	3.5	20.4	27.8	1.2	7.0
739	0.0	5.4	14.0	7.6	1.0	0.4	1.2	33.0	32.5	0.5	4.5
740	0.0	3.7	7.5	5.5	1.4	0.3	1.6	55.0	11.6	4.0	9.4
741	9.3	7.1	8.6	3.4	0.6	0.4	6.0	36.2	23.3	0.4	4.8
742	0.0	10.3	14.0	11.6	6.3	3.1	4.6	21.5	22.8	2.3	3.5
744	0.0	6.1	15.1	7.9	5.3	3.4	2.8	19.0	34.6	0.5	5.4
745	0.0	0.0	9.0	5.6	2.4	0.7	0.6	56.2	20.3	1.4	3.8
746	0.0	0.0	9.0	6.7	1.6	1.0	2.6	33.1	18.9	0.2	26.8
747	4.2	2.8	10.7	7.3	3.4	2.2	4.1	42.5	20.1	0.5	2.2
748	0.0	0.8	1.9	1.4	0.9	1.1	12.9	69.1	10.5	0.1	1.4
749	0.0	8.5	12.8	9.3	3.9	1.3	1.4	34.1	18.6	1.6	8.4
750	0.0	17.4	9.4	5.5	2.2	1.8	3.6	39.4	16.4	0.5	3.8
751	0.0	23.6	1.8	0.5	0.5	0.9	3.3	50.2	16.3	0.8	2.0
753	0.0	13.8	6.3	10.3	5.8	4.4	9.7	19.1	5.8	1.2	23.7
755	0.0	3.1	5.5	6.7	5.5	5.8	15.9	43.8	11.7	0.3	1.7
756	0.0	11.3	9.0	5.9	3.3	1.4	8.5	51.2	6.3	0.1	2.9
757	0.0	3.5	14.2	14.3	10.2	5.3	6.5	11.2	5.3	1.4	28.2
758	0.0	26.5	19.4	9.0	2.2	2.2	5.6	24.0	8.5	0.2	2.4
759	0.0	0.0	5.9	6.8	2.7	1.5	6.8	34.5	21.5	6.1	14.2
760	0.0	8.8	7.6	12.7	6.6	4.9	8.3	27.1	18.9	0.5	4.6
762	0.0	0.8	3.6	8.6	6.8	5.6	8.7	24.8	27.0	4.4	9.7
763	0.0	3.9	4.6	6.2	5.7	6.7	8.0	27.5	30.1	0.5	6.8
764	0.0	0.0	0.5	0.6	0.5	0.3	5.9	87.9	2.7	0.0	1.4
765	0.0	8.8	9.8	8.0	4.1	2.6	4.7	43.4	15.2	0.2	3.3

Station	Sieve aperture (µm)										
	31500.0	16000	8000	4000	2000	1000	500	250	125	63	PAN
766	22.4	33.3	7.9	4.8	3.9	2.4	2.6	14.7	5.7	0.5	1.8
767	0.0	11.4	12.9	7.3	3.9	2.5	4.7	33.7	18.6	0.3	4.7
768	0.0	1.0	1.4	4.4	1.6	1.6	3.2	42.9	32.0	3.1	8.7
769	25.6	26.7	11.9	4.9	2.7	1.4	1.4	13.7	7.8	0.1	3.7
770	0.0	10.1	4.4	3.6	1.9	1.8	3.7	58.1	14.1	0.6	1.7
771	0.0	4.2	4.4	5.1	2.6	1.4	8.0	64.3	8.3	0.1	1.7
773	0.0	6.1	9.7	8.2	7.3	3.6	1.6	40.3	18.7	1.0	3.5
774	0.0	15.6	13.8	7.9	3.8	2.4	2.1	34.1	15.3	0.4	4.7
775	0.0	1.8	4.4	5.7	5.1	3.5	5.3	38.3	28.1	2.7	5.0
777	0.0	0.0	0.4	1.9	0.9	1.5	2.0	28.5	37.8	0.8	26.2
778	33.9	2.4	4.5	2.5	2.6	2.4	2.7	31.5	13.2	1.7	2.8
779	0.0	0.0	0.1	0.9	0.2	0.4	1.3	79.9	13.6	0.5	2.9
780	0.0	0.0	0.3	3.1	1.3	3.1	6.5	27.6	26.2	0.8	31.1
781	0.0	0.0	0.8	0.8	0.6	1.2	3.8	39.7	16.9	18.6	17.6
782	0.0	13.1	1.6	3.6	3.4	3.3	3.1	36.5	28.4	0.2	6.8
785	0.0	1.6	2.7	4.4	6.0	8.0	13.6	45.9	8.1	3.2	6.5
786	0.0	0.2	0.9	3.1	1.8	4.4	10.2	60.0	14.8	0.3	4.4
787	0.0	0.0	0.2	0.4	0.6	0.9	1.3	5.7	2.8	11.4	76.8
788	0.0	0.0	2.1	2.5	3.3	4.6	2.6	34.9	29.8	0.5	19.6
789	0.0	0.3	2.2	1.3	1.1	1.3	3.2	49.8	30.0	1.7	9.1
792	0.0	0.4	0.7	1.9	0.8	3.1	4.4	56.1	22.6	0.4	9.4
793	0.0	0.0	0.5	1.4	0.8	1.7	4.6	64.7	22.7	0.8	2.8
794	0.0	0.0	0.1	1.8	0.7	1.7	3.4	45.0	28.2	0.6	18.5
795	0.0	0.0	1.4	3.8	1.6	2.4	6.7	52.6	17.4	5.4	8.8
796	0.0	0.7	2.5	2.6	2.6	3.2	5.9	58.4	14.3	0.7	9.1
797	0.0	0.4	1.9	5.1	1.4	1.8	5.4	60.5	14.3	2.0	7.2
798	0.0	1.9	1.4	1.9	1.7	2.9	4.7	63.9	15.9	0.2	5.5
801	0.0	1.4	2.0	2.4	1.1	0.6	0.6	30.2	25.1	3.7	32.9
802	0.0	1.7	5.6	7.0	7.2	9.4	22.3	30.0	14.5	0.3	2.1
803	0.0	0.5	0.3	1.0	0.7	1.1	2.8	45.5	13.5	7.1	27.6
804	0.0	0.0	3.5	5.9	2.6	4.6	6.5	41.7	16.5	1.1	17.7
805	0.0	0.0	0.7	2.2	0.3	0.3	0.6	24.0	17.3	15.1	39.5
806	0.0	0.0	1.3	2.4	1.3	3.7	6.5	56.3	12.7	0.6	15.2
807	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	35.8	36.3	26.7
808	0.0	0.0	0.3	0.7	0.6	2.8	9.4	67.1	14.5	0.1	4.2
809	0.0	0.0	0.8	0.4	0.4	0.8	14.1	72.7	9.0	0.2	1.4
810	0.0	0.0	0.4	1.1	0.4	1.5	6.8	60.8	25.4	0.2	3.4
811	0.0	0.0	2.9	2.5	0.9	1.5	8.0	57.5	19.6	2.3	4.7
812	0.0	0.0	0.8	1.4	0.0	0.7	1.6	32.7	58.3	0.2	4.3
813	0.0	0.0	0.6	2.0	0.9	1.3	2.3	20.0	34.7	6.9	31.4
814	0.0	0.0	1.5	1.4	0.6	2.2	5.2	32.3	52.3	0.4	4.1
815	0.0	0.0	0.7	2.0	0.5	1.1	4.3	28.7	56.2	2.4	4.1
816	0.0	0.0	0.0	0.0	0.0	0.0	0.1	39.7	59.0	0.1	1.2
817	0.0	0.0	1.3	2.5	0.3	0.6	6.1	34.9	43.5	3.9	6.9
818	0.0	0.0	0.2	0.5	0.6	1.8	3.0	31.9	60.0	0.2	1.8
819	0.0	0.0	1.4	2.2	1.6	1.1	1.4	23.6	46.7	2.1	20.0
820	0.0	0.0	1.5	0.8	1.0	3.1	4.2	15.9	52.3	0.7	20.5
821	0.0	1.8	0.9	1.1	1.1	1.4	1.9	9.2	45.2	6.7	30.7
822	4.8	2.1	3.2	3.4	2.0	2.5	2.6	10.6	48.7	0.2	20.1
823	0.0	0.0	1.2	1.9	5.6	13.0	17.1	37.0	22.9	0.1	1.2
825	0.0	0.9	1.3	5.2	2.9	2.3	1.8	7.6	56.1	0.3	21.7

**Appendix Table 8.** Table summarising the percentage silt (<0.063mm), sand (0.063mm-<2mm) and gravel (≥2mm) of the 639 samples taken between September 2010 and January 2011. Grid stations shown in blue with targeted stations highlighted in red.

Station	% Gravel	% Sand	% Silt
1	1.2	96.8	2.0
2	0.0	97.7	2.3
3	0.0	98.7	1.3
4	0.1	98.3	1.6
5	0.2	98.1	1.6
6	0.1	98.6	1.3
7	0.0	98.4	1.6
8	0.1	98.7	1.2
9	1.2	96.4	2.3
10	0.3	97.4	2.3
11	0.1	98.5	1.4
12	0.2	96.2	3.6
13	0.3	97.3	2.4
14	0.2	97.8	2.0
15	0.2	98.2	1.6
16	0.2	96.4	3.4
17	0.2	98.1	1.7
18	0.8	97.6	1.6
19	0.3	97.0	2.7
20	2.7	93.6	3.7
21	0.2	98.5	1.4
22	0.5	97.5	2.0
23	1.0	97.1	1.9
24	0.1	97.7	2.3
25	0.9	97.3	1.8
26	1.8	97.0	1.3
27	0.4	97.4	2.2
28	0.1	98.9	1.0
29	1.3	97.1	1.6
30	0.3	96.4	3.3
31	0.9	86.7	12.4
32	0.4	98.3	1.3
33	1.8	96.6	1.6
34	0.3	97.2	2.5
35	0.0	98.3	1.7
36	0.3	97.7	2.0
37	2.2	94.7	3.1
38	0.2	97.2	2.6
39	0.1	98.9	1.0
40	1.1	96.0	2.9
41	1.7	94.9	3.4
42	0.7	97.9	1.4
43	0.1	97.8	2.1
44	2.5	94.4	3.1
45	0.3	98.1	1.5
46	0.7	97.2	2.1
47	0.3	98.1	1.6
48	0.5	98.1	1.4
49	0.7	96.2	3.2
50	0.3	85.7	14.0
51	0.0	98.5	1.5
52	0.4	98.5	1.2
53	2.8	94.0	3.2
54	1.4	96.0	2.6
56	0.0	98.6	1.4
57	5.5	92.1	2.4
58	0.2	98.0	1.8
59	0.2	98.2	1.5
60	2.6	96.1	1.4
61	2.2	72.7	25.1
62	1.5	96.0	2.5
63	2.6	75.3	22.1
64	0.7	97.5	1.7
65	0.9	97.8	1.4
66	8.6	84.8	6.5
67	0.9	91.2	7.8
68	0.5	98.3	1.3
69	0.0	98.5	1.5

Station	% Gravel	% Sand	% Silt
70	6.0	75.0	19.0
71	0.4	96.0	3.7
72	0.8	97.9	1.4
73	0.7	97.8	1.5
74	1.0	96.0	3.0
75	1.1	90.0	8.9
76	0.4	96.7	2.9
77	0.2	98.5	1.3
78	0.7	97.8	1.5
79	2.0	95.8	2.2
80	1.7	96.4	1.9
81	0.1	98.4	1.4
82	4.9	93.5	1.6
83	0.2	98.8	1.1
84	14.4	76.1	9.5
85	0.2	97.1	2.6
86	2.1	95.2	2.7
87	16.7	81.3	1.9
88	0.9	95.2	3.9
89	0.1	99.0	0.9
90	0.0	98.1	1.8
91	1.8	96.6	1.6
92	5.2	75.3	19.4
93	0.0	98.8	1.2
94	1.1	96.6	2.4
95	0.4	98.6	1.0
96	6.2	92.3	1.5
97	0.2	98.8	1.0
98	0.2	96.8	3.0
99	0.2	98.6	1.2
100	9.5	73.8	16.6
101	4.4	94.1	1.5
102	0.3	98.2	1.5
103	4.3	82.8	13.0
104	0.5	98.1	1.4
105	1.3	97.5	1.2
106	1.6	96.8	1.6
107	0.2	98.5	1.2
108	2.1	95.8	2.1
109	0.0	98.1	1.8
110	0.1	98.7	1.2
111	0.5	98.2	1.3
112	0.2	99.0	0.8
113	0.3	98.5	1.2
114	1.4	93.9	4.7
115	0.8	96.4	2.8
116	0.4	96.8	2.7
117	1.0	96.2	2.8
118	0.2	98.6	1.1
119	4.4	92.1	3.5
120	0.7	94.7	4.6
121	3.1	95.7	1.3
122	1.3	97.6	1.1
123	0.3	98.6	1.1
124	0.2	98.1	1.7
125	0.2	98.6	1.3
126	1.3	97.5	1.2
127	14.9	57.5	27.6
128	0.2	98.3	1.5
129	0.1	98.2	1.6
130	0.5	98.3	1.3
131	0.6	98.3	1.2
132	4.0	92.4	3.5
133	0.3	97.3	2.4
134	4.9	91.9	3.2
135	6.5	92.5	1.0
136	0.3	98.3	1.3
137	0.3	98.3	1.5

Station	% Gravel	% Sand	% Silt
138	4.5	93.8	1.7
139	0.6	97.7	1.6
140	0.4	98.3	1.2
141	0.3	97.7	2.0
142	2.4	94.6	3.0
143	0.8	96.5	2.7
144	0.8	97.5	1.7
145	3.6	94.9	1.5
146	0.3	98.5	1.2
147	0.4	98.4	1.2
148	0.5	97.4	2.1
149	1.0	97.4	1.6
150	0.8	98.3	0.9
151	5.4	93.0	1.6
152	0.1	98.7	1.2
153	2.1	96.0	1.9
154	2.3	95.6	2.1
155	0.2	98.2	1.6
156	1.0	97.8	1.2
157	0.9	49.7	49.4
158	0.8	97.3	1.9
159	1.1	96.9	2.0
160	0.5	97.7	1.8
161	1.7	95.7	2.7
162	7.1	85.7	7.2
163	3.0	92.2	4.7
164	2.2	96.0	1.8
165	0.4	98.2	1.4
166	1.8	96.0	2.2
167	0.1	98.8	1.0
168	0.2	98.5	1.3
169	4.5	92.3	3.2
170	0.7	97.5	1.7
171	2.9	95.0	2.1
172	0.7	94.5	4.9
173	0.6	97.8	1.6
174	0.3	98.4	1.3
175	3.8	68.1	28.1
176	0.3	98.2	1.5
177	2.3	96.1	1.6
178	0.2	95.8	4.0
179	1.2	78.7	20.1
180	1.0	97.3	1.7
181	0.1	98.5	1.4
182	0.9	97.6	1.6
183	0.1	98.6	1.3
184	0.1	98.3	1.7
185	1.0	97.5	1.6
186	1.6	96.7	1.7
187	0.1	98.7	1.2
188	0.4	98.4	1.1
189	1.1	97.3	1.5
190	0.8	97.0	2.2
191	0.5	98.2	1.3
192	0.8	98.2	1.0
193	0.5	98.2	1.3
194	0.1	98.7	1.2
195	6.8	89.3	3.9
196	0.9	97.5	1.6
197	8.4	88.5	3.1
198	0.0	97.7	2.2
199	5.8	92.7	1.5
200	0.6	98.5	0.9
201	1.8	96.2	2.0
208	2.1	95.8	2.0
211	1.2	96.6	2.2
212	3.9	94.8	1.3
215	2.7	90.9	6.4
216	1.5	96.1	2.4
217	0.7	98.1	1.2
218	2.1	96.3	1.6

Station	% Gravel	% Sand	% Silt
219	0.5	97.4	2.1
220	2.4	92.4	5.2
221	8.6	89.1	2.3
222	6.6	67.5	25.9
223	2.0	95.9	2.0
224	0.6	98.2	1.2
226	2.8	65.2	32.0
227	2.0	87.6	10.5
228	0.3	89.9	9.8
229	1.8	96.5	1.7
230	2.7	96.2	1.1
233	3.4	95.0	1.6
234	5.8	90.6	3.6
235	0.5	98.4	1.1
236	2.9	95.6	1.5
237	1.7	96.5	1.9
238	0.0	98.5	1.5
239	1.8	97.4	0.9
240	0.5	93.0	6.5
241	1.1	97.1	1.9
242	3.7	70.6	25.7
243	2.6	93.1	4.3
244	3.1	94.0	2.9
245	0.5	98.2	1.3
246	0.1	97.5	2.4
247	0.1	98.5	1.4
248	2.9	96.0	1.0
249	1.7	80.6	17.7
250	9.1	87.6	3.4
251	0.9	97.5	1.6
252	4.9	93.6	1.6
253	9.2	87.7	3.1
254	0.3	98.5	1.2
255	2.5	95.9	1.6
256	2.2	80.1	17.7
257	1.3	95.0	3.8
258	1.1	83.1	15.9
259	2.0	95.6	2.4
260	7.3	47.7	44.9
261	0.7	96.8	2.5
262	1.6	97.0	1.4
263	0.1	98.9	1.0
264	0.1	98.8	1.1
265	0.3	97.1	2.6
266	2.4	77.0	20.5
267	0.5	83.0	16.5
268	5.2	65.8	29.0
269	2.9	95.1	1.9
270	3.0	82.0	15.0
271	3.0	73.3	23.7
272	0.0	98.5	1.5
273	3.1	88.0	8.9
274	0.0	98.1	1.9
275	3.5	61.6	34.9
276	12.7	75.4	11.8
277	7.6	90.6	1.8
278	1.2	89.9	8.9
279	13.9	74.3	11.7
280	0.0	98.8	1.2
281	0.3	98.3	1.4
282	0.8	94.6	4.6
283	0.8	76.3	22.9
284	5.9	84.8	9.3
285	22.6	53.9	23.5
286	15.6	62.0	22.4
287	1.5	94.7	3.8
288	3.5	94.5	2.0
289	0.0	98.7	1.3
290	0.0	98.0	2.0
291	0.2	98.3	1.5
293	1.9	97.0	1.2

Station	% Gravel	% Sand	% Silt
294	9.6	88.1	2.3
295	2.9	95.3	1.7
296	0.6	97.3	2.2
297	1.4	97.2	1.4
298	3.3	95.1	1.6
299	0.0	98.1	1.9
300	5.3	73.2	21.6
301	7.1	83.2	9.6
302	3.9	94.0	2.0
303	3.9	94.4	1.8
304	1.8	96.7	1.6
305	0.0	98.5	1.5
306	0.5	91.6	7.9
307	0.1	60.8	39.1
308	3.6	94.9	1.5
309	5.1	83.9	10.9
310	7.5	87.5	5.0
311	2.4	95.8	1.8
312	0.1	67.3	32.6
313	1.8	94.3	3.9
314	0.2	63.4	36.4
315	2.0	95.2	2.9
316	4.6	90.5	4.9
317	8.5	88.7	2.8
318	2.5	74.5	23.0
319	0.4	97.2	2.3
320	0.5	97.2	2.3
321	0.1	58.3	41.6
322	1.2	96.1	2.7
323	33.1	46.4	20.5
324	8.0	90.0	2.0
325	5.6	92.8	1.6
326	4.6	92.8	2.6
327	0.2	97.9	1.9
328	1.4	76.4	22.2
329	2.2	95.7	2.0
330	36.4	57.2	6.4
331	3.6	92.7	3.7
332	0.5	96.1	3.4
333	0.7	89.0	10.3
334	0.5	98.4	1.2
335	1.5	96.2	2.4
336	1.5	97.2	1.2
337	5.2	93.5	1.3
338	3.9	93.2	2.9
339	0.9	97.2	1.9
340	0.9	97.1	2.0
341	1.4	96.1	2.5
342	3.5	94.6	1.9
343	0.2	89.8	10.0
344	2.7	93.6	3.7
345	0.8	97.4	1.8
346	1.1	96.5	2.5
347	3.7	95.2	1.0
348	8.0	88.4	3.6
349	1.0	97.2	1.8
350	3.1	95.5	1.4
351	0.3	88.7	11.1
352	7.3	91.1	1.7
353	16.7	80.6	2.8
355	16.8	81.6	1.6
356	6.9	91.2	2.0
357	0.3	97.5	2.3
358	4.2	94.5	1.4
359	3.3	95.3	1.4
360	4.6	94.0	1.4
361	0.5	98.2	1.2
362	0.5	97.1	2.3
363	1.4	96.4	2.2
364	10.7	86.3	3.0
365	12.0	86.6	1.4

Station	% Gravel	% Sand	% Silt
366	22.0	76.0	2.1
367	1.5	97.0	1.5
368	0.3	98.3	1.4
369	1.6	97.1	1.3
370	36.0	60.3	3.6
371	3.6	94.7	1.7
372	2.6	96.4	1.0
373	0.7	98.1	1.1
374	1.7	96.5	1.8
375	1.8	96.9	1.2
377	23.8	73.0	3.2
378	5.3	93.6	1.2
379	2.2	96.3	1.5
380	0.9	97.9	1.3
381	4.6	93.9	1.4
384	9.4	89.2	1.3
385	4.0	94.7	1.3
386	0.7	98.0	1.3
388	11.9	86.7	1.4
389	0.9	97.9	1.2
390	1.3	97.8	0.9
391	1.8	93.0	5.3
392	2.5	96.3	1.3
393	53.7	38.0	8.3
394	3.1	95.5	1.3
395	5.0	93.3	1.7
396	19.6	79.4	1.0
397	3.3	95.7	1.0
398	6.3	92.0	1.7
399	13.0	85.4	1.6
400	3.8	95.0	1.1
401	2.7	96.4	0.9
402	0.7	98.2	1.1
403	7.9	90.7	1.4
404	1.8	96.5	1.7
406	5.9	84.9	9.3
407	27.3	69.8	3.0
408	4.7	79.2	16.1
409	0.5	97.5	1.9
410	7.7	91.3	1.0
411	6.8	92.2	1.0
412	7.6	91.0	1.4
413	0.5	98.5	1.0
414	57.4	38.0	4.7
415	8.6	58.5	32.8
416	14.1	84.5	1.4
417	5.2	90.3	4.5
418	18.8	78.6	2.6
419	35.7	58.6	5.7
420	19.8	78.3	1.8
421	1.8	95.7	2.5
422	9.0	89.9	1.1
423	0.8	98.4	0.9
424	2.6	96.2	1.2
425	0.9	72.2	26.9
426	22.7	75.0	2.3
427	3.4	94.4	2.2
428	20.2	74.6	5.2
429	6.2	92.3	1.6
430	35.8	60.1	4.1
431	25.0	63.5	11.4
432	10.3	88.0	1.7
433	4.4	94.5	1.0
434	0.8	98.2	1.1
435	3.7	94.4	1.9
436	5.7	89.1	5.2
437	4.8	93.6	1.5
438	31.4	67.4	1.2
439	11.2	87.2	1.7
440	1.2	97.1	1.7
442	6.9	91.6	1.5

Station	% Gravel	% Sand	% Silt
443	10.2	88.2	1.5
444	11.7	86.7	1.6
445	1.7	96.9	1.5
446	41.5	57.7	0.9
447	25.3	73.0	1.7
448	1.7	96.9	1.4
449	4.8	92.1	3.1
450	8.1	90.5	1.4
451	24.0	71.0	5.1
452	9.1	89.7	1.2
453	3.2	95.2	1.6
454	6.3	92.7	1.0
455	44.6	54.5	0.9
456	0.1	79.8	20.1
457	21.2	77.4	1.4
458	33.6	60.1	6.3
459	24.2	74.5	1.3
460	23.6	72.3	4.1
461	3.3	91.2	5.5
462	7.9	88.9	3.2
463	14.0	83.1	2.9
464	1.4	97.7	0.9
465	8.8	89.9	1.3
466	8.0	91.2	0.9
467	2.0	96.6	1.4
468	27.1	72.3	0.6
469	27.0	68.7	4.3
470	8.4	87.0	4.6
471	0.8	97.9	1.3
472	1.8	96.2	2.0
473	34.8	62.6	2.6
474	12.4	78.0	9.7
475	42.1	53.9	3.9
476	18.1	78.6	3.4
477	0.2	98.6	1.2
478	0.4	98.4	1.2
479	40.9	56.8	2.3
480	0.9	97.3	1.8
481	26.2	72.5	1.3
482	34.6	62.6	2.9
483	5.6	92.3	2.1
484	7.7	90.0	2.3
485	1.2	97.4	1.4
487	1.5	96.9	1.6
488	3.8	95.2	1.0
489	1.2	97.5	1.3
490	3.8	95.1	1.1
491	3.6	95.1	1.3
492	11.5	87.3	1.2
493	0.9	97.8	1.3
494	0.8	98.1	1.1
495	21.4	77.6	1.0
496	5.6	92.2	2.1
497	2.5	96.4	1.1
498	0.4	98.2	1.4
499	0.2	98.4	1.4
501	10.9	87.4	1.8
502	8.3	90.5	1.2
503	0.2	98.7	1.1
504	1.5	97.5	1.0
505	4.5	93.3	2.2
506	10.2	88.4	1.4
507	5.8	92.8	1.4
508	1.9	96.8	1.3
509	0.1	99.0	1.0
510	12.3	86.0	1.7
511	22.3	75.3	2.4
512	19.2	79.5	1.3
513	5.9	92.2	1.9
514	0.1	98.9	1.1
515	0.5	98.1	1.4

Station	% Gravel	% Sand	% Silt
516	0.1	98.6	1.3
517	3.9	94.5	1.6
518	13.4	85.6	1.0
519	5.0	93.7	1.3
520	5.8	92.5	1.7
521	1.9	96.5	1.6
522	20.6	77.7	1.7
524	37.3	60.2	2.5
525	0.5	98.5	1.0
526	0.0	98.7	1.3
527	1.9	96.5	1.6
528	1.4	97.5	1.0
529	0.2	98.9	1.0
530	12.7	84.3	3.0
531	1.0	97.7	1.2
532	6.0	92.3	1.7
534	31.9	66.3	1.8
535	24.7	73.7	1.6
536	3.8	94.1	2.1
537	17.4	81.4	1.2
538	10.5	88.2	1.3
539	5.7	93.3	1.0
540	0.5	98.2	1.3
541	31.5	66.9	1.6
542	0.1	98.8	1.1
543	4.9	92.6	2.5
544	4.3	95.6	0.1
545	3.2	95.4	1.3
546	2.5	95.9	1.6
547	39.3	56.4	4.3
548	5.5	92.9	1.6
549	1.0	97.5	1.5
550	4.2	93.9	1.8
551	0.6	98.3	1.1
552	4.9	93.7	1.4
554	8.0	90.8	1.2
555	2.6	95.7	1.8
556	0.7	98.0	1.3
557	21.7	77.2	1.2
558	2.7	96.2	1.1
559	12.3	86.4	1.2
561	0.9	97.7	1.3
566	0.6	98.2	1.2
571	0.5	98.1	1.3
577	6.7	91.6	1.6
579	3.2	95.1	1.7
585	6.8	92.1	1.1
589	2.9	94.8	2.3
599	27.3	70.9	1.8
601	0.9	97.7	1.4
616	4.4	94.1	1.5
618	11.0	87.8	1.2
630	0.4	98.4	1.2
632	1.7	97.0	1.3
640	17.7	81.0	1.3
642	8.2	89.5	2.2
644	6.1	92.2	1.7
653	1.2	97.6	1.3
655	0.9	97.9	1.3
657	0.6	98.1	1.3
664	0.6	98.0	1.4
666	1.0	97.8	1.3
673	4.2	93.8	2.0
675	23.6	73.6	2.8
677	27.6	71.3	1.1
683	1.1	96.4	2.4
685	1.4	97.5	1.1
692	2.1	96.2	1.8
694	0.2	98.5	1.3
701	0.1	99.0	0.9
707	2.4	95.9	1.7

Station	% Gravel	% Sand	% Silt
712	2.6	96.2	1.3
713	0.1	98.9	0.9
738	37.6	55.3	7.0
739	27.9	67.6	4.5
740	18.1	72.5	9.4
741	28.9	66.3	4.8
742	42.3	54.2	3.5
744	34.5	60.2	5.4
745	17.0	79.2	3.8
746	17.3	55.8	26.8
747	28.5	69.3	2.2
748	5.0	93.6	1.4
749	34.6	57.0	8.4
750	34.5	61.7	3.8
751	26.4	71.6	2.0
753	36.2	40.1	23.7
755	20.8	77.5	1.7
756	29.6	67.5	2.9
757	42.1	29.6	28.2
758	57.2	40.4	2.4
759	15.4	70.4	14.2
760	35.7	59.7	4.6
762	19.9	70.4	9.7
763	20.3	72.8	6.8
764	1.7	96.9	1.4
765	30.6	66.0	3.3
766	72.3	25.9	1.8
767	35.5	59.8	4.7
768	8.5	82.8	8.7
769	71.9	24.4	3.7
770	20.0	78.2	1.7
771	16.3	82.1	1.7
773	31.3	65.2	3.5
774	41.0	54.2	4.7
775	17.0	78.0	5.0
777	3.3	70.5	26.2
778	45.8	51.4	2.8
779	1.2	95.8	2.9
780	4.8	64.1	31.1
781	2.2	80.2	17.6
782	21.7	71.5	6.8
785	14.7	78.8	6.5
786	6.0	89.6	4.4
787	1.2	22.0	76.8
788	7.8	72.5	19.6
789	4.8	86.1	9.1
792	3.9	86.8	9.4
793	2.7	94.5	2.8
794	2.5	79.0	18.5
795	6.8	84.5	8.8
796	8.4	82.4	9.1
797	8.8	84.0	7.2
798	7.0	87.5	5.5
801	7.0	60.2	32.9
802	21.5	76.4	2.1
803	2.5	69.9	27.6
804	12.0	70.3	17.7
805	3.1	57.3	39.5
806	5.0	79.8	15.2
807	0.1	73.2	26.7
808	1.7	94.0	4.2
809	1.6	96.9	1.4
810	1.9	94.7	3.4
811	6.4	88.9	4.7
812	2.2	93.5	4.3
813	3.5	65.1	31.4
814	3.5	92.4	4.1
815	3.2	92.7	4.1
816	0.0	98.8	1.2
817	4.1	89.0	6.9
818	1.3	96.9	1.8

Station	% Gravel	% Sand	% Silt
819	5.2	74.8	20.0
820	3.4	76.1	20.5
821	4.8	64.5	30.7
822	15.4	64.5	20.1
823	8.7	90.1	1.2
825	10.2	68.1	21.7













































































































































































































































































































































SDC Code	StationCode	310	311	312	313	314	315	316	317	318	319	320	321	322	323
C0001	<b>PORIFERA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0053	<i>Leucosolenia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0475	<i>Cliona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0138	<b>LEPTOLIDA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0163	<i>Tubularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0172	<i>Coryne</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0216	<b>FILIFERA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0229	<i>Pandeiidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0240	<i>Leuckartiara octona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0246	<i>Bougainvillidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0273	<i>Hydractinia echinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0336	<i>Lovenella clausa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0348	<i>Calycella syringa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0390	<i>Halecium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0409	<i>Abietinaria abietina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0427	<i>Sertularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0433	<i>Sertularia</i>	P	-	-	-	P	-	-	-	-	-	-	-	-	-
D0447	<i>Plumulariidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0462	<i>Nemertesia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0491	<i>Campanulariidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0503	<i>Clytia hemisphaerica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0517	<i>Obelia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0518	<i>Obelia bidentata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0521	<i>Obelia longissima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0632	<i>Cerianthus lloydii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0662	<b>ACTINIARIA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F0002	<b>TURBELLARIA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G0001	<b>NEMERTEA</b>	1	-	-	-	-	-	1	1	1	-	-	-	-	-
HD0001	<b>NEMATODA</b>	-	-	-	-	-	-	25	-	-	-	-	-	-	-
K0001	<b>ENTOPROCTA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K0045	<i>Pedicellina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L0009	<i>Sagitta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0011	<b>Golfingiidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0014	<i>Golfingia elongata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0017	<i>Golfingia vulgaris</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0034	<i>Phascolion strombus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0015	<i>Pisone remota</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0025	<b>Polynoidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0044	<i>Enipo kinbergi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0049	<i>Gattyana cirrhosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0058	<i>Harmothoe extenuata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe fernandi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0062	<i>Harmothoe glabra</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0065	<i>Harmothoe impar</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe clavigera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0051	<i>Malmgreniella andreapolis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0055	<i>Malmgreniella castanea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella darbouxii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0066	<i>Malmgreniella ljungmani</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0067	<i>Malmgreniella arenicolae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0082	<i>Lepidonotus squamatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0092	<i>Pholoe baltica (sensu petersen)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0094	<i>Pholoe inornata (sensu petersen)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Pholoe assimilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0103	<i>Sigalion</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0107	<i>Sthenelais boa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0109	<i>Sthenelais limicola</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0114	<b>Phyllodocidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0118	<i>Eteone longa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0122	<i>Hesionura elongata</i>	-	-	-	-	-	-	4	2	-	1	-	-	-	-
P0124	<i>Hypereteone foliosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0127	<i>Mysta picta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0136	<i>Pseudomystides limbata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0139	<b>Anaitides</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0141	<i>Anaitides groenlandica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0142	<i>Anaitides lineata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0143	<i>Anaitides longipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0144	<i>Anaitides maculata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0145	<i>Anaitides mucosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0146	<i>Anaitides rosea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0150	<i>Eulalia</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-
P0155	<i>Eulalia mustela</i>	-	-	-	-	-	-	2	-	-	-	-	-	-	-





SDC Code	StationCode	310	311	312	313	314	315	316	317	318	319	320	321	322	323
P1362	Spirorbidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1469	Limnodriloides	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1498	Tubificoides pseudogaster	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1524	Grania	-	-	-	-	-	-	-	3	-	-	-	-	-	-
Q0005	Nymphon brevirostre	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0015	Achelia echinata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0031	Callipallenidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0033	Callipallene brevirostris	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0044	Anoplodactylus petiolatus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0054	ACARINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0068	Elminius modestus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0077	Balanus crenatus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0142	COPEPODA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R2412	OSTRACODA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0006	Nebalia bipes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0008	Nebalia herbsti	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0018	Rissooides desmaresti	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0025	MYSIDACEA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0034	Siriella armata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0044	Gastrosaccus spinifer	-	-	-	-	-	-	1	-	-	-	-	-	-	-
S0064	Mysidopsis (Type A)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0070	Acanthomysis longicornis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0074	Mesopodopsis slabberi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0076	Neomysis integer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0086	Schistomysis kervillei	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0087	Schistomysis ornata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0089	Schistomysis spiritus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0092	Heteromysis formosa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0102	Apherusa bispinosa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0106	Apherusa jurinei	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0107	Apherusa ovalipes	-	-	1	-	-	-	-	-	-	-	-	-	-	-
S0131	Periocolodes longimanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0133	Pontocrates altamarinus	-	-	-	-	-	-	-	-	1	-	-	-	-	-
S0134	Pontocrates arcticus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0135	Pontocrates arenarius	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0138	Synchelidium maculatum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0159	Amphilocheus neapolitanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0177	Leucothoe incisa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0178	Leucothoe lilljeborgi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Leucothoe richiardi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0213	Stenothoe marina	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0246	Urothoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0247	Urothoe brevicornis	-	-	3	15	-	-	1	-	1	-	-	-	-	-
S0248	Urothoe elegans	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0249	Urothoe marina	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0250	Urothoe poseidonis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0251	Urothoe pulchella	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0254	Harpinia antennaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0257	Harpinia pectinata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0271	Lysianassidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0275	Acidostoma obesum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0296	Hippomedon denticulatus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0301	Lepidepecreum longicorne	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0320	Orchomene humilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0321	Orchomenella nana	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0337	Tmetonyx similis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0380	Iphimedia minuta	-	-	-	-	-	-	-	1	-	-	-	-	-	-
S0410	Atylus falcatus	-	-	-	-	1	2	-	-	-	-	-	-	-	-
S0412	Atylus swammerdamei	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0423	Ampelisca	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0429	Ampelisca diadema	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0438	Ampelisca spinipes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0451	Bathyporeia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0452	Bathyporeia elegans	-	1	-	1	-	-	-	-	1	4	-	-	-	-
S0453	Bathyporeia gracilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0454	Bathyporeia guilliamsoniana	-	-	-	-	-	1	-	-	-	-	-	-	-	-
S0456	Bathyporeia pelagica	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0457	Bathyporeia pilosa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0458	Bathyporeia sarsi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0459	Bathyporeia tenuipes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0462	Haustorius arenarius	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0464	Gammaridae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0489	Megaluropus agilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0495	Melitidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0498	Abludomelita obtusata	-	-	-	-	-	-	-	29	-	-	-	-	-	1
S0503	Cheirocratus	-	-	-	-	-	-	-	-	1	-	-	-	-	-











































SDC Code	StationCode	352	353	355	356	357	358	359	360	361	362	363	364	365	366
P0156	<i>Eulalia ornata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0163	<i>Eumida</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0164	<i>Eumida bahusiensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	3
P0167	<i>Eumida sanguinea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0255	<i>Glycera</i>	-	4	-	1	-	1	-	1	3	1	-	4	2	6
P0256	<i>Glycera alba</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0260	<i>Glycera lapidum</i>	-	4	-	-	-	2	-	-	-	1	-	-	-	3
P0262	<i>Glycera oxycephala</i>	-	-	-	1	-	-	-	1	1	-	-	-	-	-
P0266	Goniadidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0268	<i>Glycinde nordmanni</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0271	<i>Goniada maculata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0291	<i>Sphaerodorum gracilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	1
P0300	<i>Gyptis propinqua</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0305	<i>Psamathe fusca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0311	<i>Nereimyra punctata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0313	<i>Ophiodromus flexuosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0317	<i>Ophiodromus pallidus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0319	<i>Podarkeopsis capensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0333	<i>Micropthalmus similis</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-
P0358	<i>Syllis (Type D)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0358	<i>Syllis (Type E)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0358	<i>Syllis (Type H)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0349	<i>Syllis cornuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0360	<i>Syllis gracilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0380	<i>Eusyllis blomstrandii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0387	<i>Odontosyllis fulgurans</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0391	<i>Opisthodonta pterochaeta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0402	<i>Streptosyllis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0403	<i>Streptosyllis bidentata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Syllides japonicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0411	<i>Brania</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0421	<i>Exogone hebes</i>	-	-	-	-	-	1	-	-	-	-	-	-	-	-
P0422	<i>Exogone naidina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0423	<i>Exogone verugera</i>	-	3	-	-	-	-	-	-	-	-	-	-	-	-
P0425	<i>Sphaerosyllis bulbosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0430	<i>Sphaerosyllis taylori</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0434	<i>Autolytus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	1
P0451	<i>Proceraea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0457	<i>Procerastea nematodes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0458	Nereididae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0475	<i>Eunereis longissima</i>	-	-	-	-	-	-	-	-	-	-	-	1	-	1
P0478	<i>Nereis zonata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0493	<i>Aglaophamus rubella</i>	-	-	-	1	1	-	-	-	-	1	2	-	2	-
P0494	<i>Nephtys</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
P0495	<i>Nephtys assimilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0496	<i>Nephtys caeca</i>	-	-	-	-	-	1	-	-	-	-	-	-	-	1
P0498	<i>Nephtys cirrosa</i>	3	-	-	-	5	2	2	-	3	2	3	-	1	-
P0499	<i>Nephtys hombergii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0502	<i>Nephtys kersivalensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0503	<i>Nephtys longosetosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0563	<i>Marphysa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0564	<i>Marphysa bellii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0568	<i>Nematonereis unicornis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0569	Lumbrineridae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Lumbrineris cingulata</i>	-	2	-	-	-	-	-	-	-	-	1	1	-	3
P0584	<i>Scoletoma impatiens</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0633	<i>Parougia caeca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0638	<i>Protodorvillea kefersteini</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0642	<i>Schistomeringos neglecta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0643	<i>Schistomeringos rudolphi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0665	<i>Orbinia sertulata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0672	<i>Scoloplos armiger</i>	-	-	-	1	-	-	-	2	-	-	-	-	2	1
P0674	Paraonidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0677	<i>Aricidea minuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0678	<i>Aricidea wassi</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
P0691	<i>Cirrophorus furcatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0699	<i>Paradoneis lyra</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0718	<i>Poecilochaetus serpens</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0720	Spionidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0722	<i>Aonides oxycephala</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0723	<i>Aonides paucibranchiata</i>	-	1	-	1	-	4	-	-	3	-	-	1	-	7
	<i>Atherospio guillei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0733	<i>Laonice bahusiensis</i>	-	1	-	-	-	-	-	-	-	-	-	-	-	-
P0747	<i>Minuspio cirrifera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0750	<i>Polydora caeca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0751	<i>Polydora caulleryi</i>	-	-	-	-	-	-	-	-	2	-	-	-	-	-



































SDC Code	StationCode	384	385	386	388	389	390	391	392	393	394	395	396	397	398
P1362	Spirorbidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1469	Limnodriloides	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1498	Tubificoides pseudogaster	-	-	-	-	-	-	7	-	-	-	-	-	-	-
P1524	Grania	-	-	-	4	-	-	9	-	2	-	-	-	-	1
Q0005	Nymphon brevistrore	-	-	-	-	-	-	2	-	-	-	-	-	-	-
Q0015	Achelia echinata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0031	Callipallenidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0033	Callipallene brevistrostris	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0044	Anoplodactylus petiolatus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0054	ACARINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0068	Elminius modestus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0077	Balanus crenatus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0142	COPEPODA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R2412	OSTRACODA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0006	Nebalia bipes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0008	Nebalia herbsti	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0018	Rissooides desmaresti	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0025	MYSIDACEA	-	-	-	-	-	3	-	-	-	-	-	-	-	-
S0034	Siriella armata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0044	Gastrosaccus spinifer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0064	Mysidopsis (Type A)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0070	Acanthomysis longicornis	-	-	-	-	1	-	-	-	-	-	-	-	-	-
S0074	Mesopodopsis slabberi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0076	Neomysis integer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0086	Schistomysis kervillei	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0087	Schistomysis ornata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0089	Schistomysis spiritus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0092	Heteromysis formosa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0102	Apherusa bispinosa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0106	Apherusa jurinei	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0107	Apherusa ovalipes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0131	Periocolodes longimanus	-	-	-	-	-	-	1	-	-	-	-	-	-	-
S0133	Pontocrates altamarinus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0134	Pontocrates arcticus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0135	Pontocrates arenarius	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0138	Synchelidium maculatum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0159	Amphilochus neapolitanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0177	Leucothoe incisa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0178	Leucothoe lilljeborgi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Leucothoe richiardii	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0213	Stenothoe marina	-	-	-	-	-	-	1	-	1	-	-	-	-	-
S0246	Urothoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0247	Urothoe brevicornis	-	-	-	-	-	-	-	2	-	-	-	-	-	-
S0248	Urothoe elegans	-	-	-	-	-	-	22	-	1	-	-	-	-	-
S0249	Urothoe marina	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0250	Urothoe poseidonis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0251	Urothoe pulchella	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0254	Harpinia antennaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0257	Harpinia pectinata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0271	Lysianassidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0275	Acidostoma obesum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0296	Hippomedon denticulatus	1	-	-	-	-	-	-	1	-	-	-	-	-	-
S0301	Lepidepecreum longicorne	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0320	Orchomene humilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0321	Orchomenella nana	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0337	Tmetonyx similis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0380	Iphimedia minuta	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0410	Atylus falcatus	-	1	-	-	-	-	-	-	-	-	-	-	-	-
S0412	Atylus swammerdamei	-	-	-	-	-	-	-	-	-	1	-	-	-	-
S0423	Ampelisca	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0429	Ampelisca diadema	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0438	Ampelisca spinipes	-	-	-	1	-	-	1	-	11	-	-	-	-	-
S0451	Bathyporeia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0452	Bathyporeia elegans	-	-	-	-	-	-	1	1	-	-	-	-	1	-
S0453	Bathyporeia gracilis	-	-	1	-	-	-	-	-	-	-	-	-	-	-
S0454	Bathyporeia guilliamsoniana	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0456	Bathyporeia pelagica	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0457	Bathyporeia pilosa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0458	Bathyporeia sarsi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0459	Bathyporeia tenuipes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0462	Haustorius arenarius	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0464	Gammaridae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0489	Megaluropus agilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0495	Melitidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0498	Abludomelita obtusata	2	-	-	7	-	-	-	-	10	-	5	-	-	-
S0503	Cheirocratus	1	-	-	-	-	-	-	-	1	-	7	-	-	-

SDC Code	StationCode	384	385	386	388	389	390	391	392	393	394	395	396	397	398
S0505	<i>Cheirocratus intermedius</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	-
S0506	<i>Cheirocratus sundevallii</i>	1	-	-	-	-	-	-	-	-	-	-	-	-	-
S0519	<i>Maera othonis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0521	<i>Maerella tenuimana</i>	-	1	-	-	-	-	-	-	-	-	-	-	-	-
S0537	Isaeidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0539	<i>Gammaropsis cornuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0541	<i>Gammaropsis maculata</i>	-	-	-	-	-	-	-	-	2	-	-	-	-	-
S0542	<i>Gammaropsis nitida</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0543	<i>Gammaropsis palmata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0552	<i>Photis longicaudata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0561	<i>Erichthonius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0568	Jassa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0577	Aoridae	-	-	-	-	-	-	1	-	4	-	-	-	-	-
S0579	<i>Aora gracilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0604	Corophiidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0618	<i>Siphonoecetes kroyeranus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0621	<i>Unciola crenatipalma</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0622	<i>Unciola planipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0628	<i>Dyopedos monacanthus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0653	<i>Parvipalpus capillaceus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0651	<i>Pariambus typicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0657	<i>Phtisica marina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0659	<i>Pseudoprotella phasma</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0740	<i>Themisto abyssorum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0790	ISOPODA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0855	<i>Eurydice spinigera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0934	Idotea	-	1	-	-	-	-	-	-	-	-	-	-	-	-
S0976	<i>Prodajus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0995	Bopyridae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1007	<i>Gyge branchialis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1009	<i>Ione thoracica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1010	<i>Pleurocrypta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1142	<i>Tanaopsis graciloides</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1169	<i>Tanaissus lilljeborgi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1194	<i>Bodotria arenosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1197	<i>Bodotria scorpioides</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1203	<i>Iphinoe trispinosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1236	<i>Pseudocuma longicornis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1237	<i>Pseudocuma similis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1243	<i>Lamprops fasciata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1248	<i>Diastylis bradyi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1254	<i>Diastylis rugosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1264	Euphausiidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1276	DECAPODA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caridea	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1334	Hippolytidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1350	<i>Hippolyte varians</i>	-	-	-	-	-	-	3	-	-	-	-	-	-	-
S1360	<i>Thoralus cranchii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1366	<i>Processa modica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1374	<i>Pandalina brevis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1380	Crangonidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1386	<i>Philocheras bispinosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1390	<i>Philocheras trispinosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1384	<i>Crangon allmanni</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1407	<i>Axius stirhynchus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Thalassinidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1413	Callinassidae	-	-	-	-	-	-	4	-	-	-	-	-	-	-
S1415	<i>Callianassa subterranea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1417	Upogebiidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1419	<i>Upogebia delata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1421	<i>Upogebia stellata</i>	-	-	-	-	-	-	1	-	-	-	-	-	-	-
S1445	Paguridae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1448	<i>Anapagurus hyndmanni</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1449	<i>Anapagurus laevis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1457	<i>Pagurus bernhardus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1462	<i>Pagurus prideaux</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1470	<i>Galathea</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	-
S1472	<i>Galathea intermedia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1482	<i>Pisidia longicornis</i>	-	-	-	-	-	-	-	-	3	-	-	-	-	-
S1504	<i>Ebalia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1505	<i>Ebalia cranchii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1508	<i>Ebalia tuberosa</i>	-	-	-	-	-	-	1	-	-	-	-	-	-	-
S1509	<i>Ebalia tumefacta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1512	Majidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1522	<i>Achaeus cranchii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Macropodia parva</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	-



























SDC Code	StationCode	414	415	416	417	418	419	420	421	422	423	424	425	426	427
P1362	<b>Spirorbidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1469	<i>Limnodriloides</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1498	<i>Tubificoides pseudogaster</i>	-	-	-	-	-	5	-	-	-	-	-	-	1	-
P1524	<i>Grania</i>	-	-	5	-	7	-	-	-	-	-	-	-	-	-
Q0005	<i>Nymphon brevistrore</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0015	<i>Achelia echinata</i>	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Q0031	<b>Callipallenidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0033	<i>Callipallene brevistrotris</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0044	<i>Anoplodactylus petiolatus</i>	1	5	-	-	1	2	-	-	-	-	-	-	-	-
Q0054	<b>ACARINA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0068	<i>Elminius modestus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0077	<i>Balanus crenatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0142	<b>COPEPODA</b>	-	-	-	-	-	-	-	-	-	-	-	-	1	-
R2412	<b>OSTRACODA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0006	<i>Nebalia bipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0008	<i>Nebalia herbsti</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0018	<i>Rissooides desmaresti</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0025	<b>MYSIDACEA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0034	<i>Siriella armata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0044	<i>Gastrosaccus spinifer</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	1
S0064	<b>Mysidopsis (Type A)</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0070	<i>Acanthomysis longicornis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0074	<i>Mesopodopsis slabberi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0076	<i>Neomysis integer</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0086	<i>Schistomysis kervillei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0087	<i>Schistomysis ornata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0089	<i>Schistomysis spiritus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0092	<i>Heteromysis formosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0102	<i>Apherusa bispinosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0106	<i>Apherusa jurinei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0107	<i>Apherusa ovalipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0131	<i>Periocolodes longimanus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0133	<i>Pontocrates altamarinus</i>	-	-	-	-	-	-	-	-	1	-	-	-	1	2
S0134	<i>Pontocrates arcticus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0135	<i>Pontocrates arenarius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0138	<i>Synchelidium maculatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0159	<i>Amphilocheus neapolitanus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0177	<i>Leucothoe incisa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0178	<i>Leucothoe lilljeborgi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Leucothoe richiardi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0213	<i>Stenothoe marina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0246	<i>Urothoe</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0247	<i>Urothoe brevicornis</i>	-	1	-	-	-	-	3	-	-	-	-	-	-	-
S0248	<i>Urothoe elegans</i>	-	4	-	-	-	1	-	-	-	-	-	-	-	-
S0249	<i>Urothoe marina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0250	<i>Urothoe poseidonis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0251	<i>Urothoe pulchella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0254	<i>Harpinia antennaria</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0257	<i>Harpinia pectinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0271	<b>Lysianassidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0275	<i>Acidostoma obesum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0296	<i>Hippomedon denticulatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0301	<i>Lepidepecreum longicorne</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0320	<i>Orchomene humilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0321	<i>Orchomenella nana</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0337	<i>Tmetonyx similis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0380	<i>Iphimedia minuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0410	<i>Atylus falcatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	1
S0412	<i>Atylus swammerdamei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0423	<i>Ampelisca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0429	<i>Ampelisca diadema</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0438	<i>Ampelisca spinipes</i>	1	4	-	1	-	2	1	-	-	-	-	-	-	-
S0451	<i>Bathyporeia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0452	<i>Bathyporeia elegans</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0453	<i>Bathyporeia gracilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0454	<i>Bathyporeia guilliamsoniana</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0456	<i>Bathyporeia pelagica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0457	<i>Bathyporeia pilosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0458	<i>Bathyporeia sarsi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0459	<i>Bathyporeia tenuipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0462	<i>Haustorius arenarius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0464	<b>Gammaridae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0489	<i>Megaluropus agilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0495	<b>Melitidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0498	<i>Abludomelita obtusata</i>	-	1	-	-	-	-	-	-	9	-	-	-	-	-
S0503	<i>Cheirocratus</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	-









SDC Code	StationCode	428	429	430	431	432	433	434	435	436	437	438	439	440	441
C0001	<b>PORIFERA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0053	<i>Leucosolenia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0475	<i>Cliona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0138	<b>LEPTOLIDA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0163	<i>Tubularia</i>	-	-	P	-	-	-	-	-	-	-	-	-	P	P
D0172	<i>Coryne</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0216	<b>FILIFERA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0229	<i>Pandeiidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0240	<i>Leuckartiara octona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0246	<i>Bougainvillidae</i>	-	-	P	-	-	-	-	-	-	-	-	-	-	P
D0273	<i>Hydractinia echinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0336	<i>Lovenella clausa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0348	<i>Calycella syringa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0390	<i>Halecium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0409	<i>Abietinaria abietina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0427	<i>Sertularella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0433	<i>Sertularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	P	-
D0447	<i>Plumulariidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0462	<i>Nemertesia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0491	<i>Campanulariidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0503	<i>Clytia hemisphaerica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0517	<i>Obelia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0518	<i>Obelia bidentata</i>	-	-	P	-	-	-	-	-	-	-	-	-	-	P
D0521	<i>Obelia longissima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0632	<i>Cerianthus lloydii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0662	<b>ACTINIARIA</b>	-	-	-	-	-	-	-	-	-	-	-	-	4	6
F0002	<b>TURBELLARIA</b>	1	-	-	-	-	-	-	-	-	-	-	-	-	-
G0001	<b>NEMERTEA</b>	2	12	4	1	1	-	-	-	1	-	1	-	1	12
HD0001	<b>NEMATODA</b>	-	2	-	1	-	-	-	-	-	-	-	1	-	1
K0001	<b>ENTOPROCTA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K0045	<i>Pedicellina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L0009	<i>Sagitta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0011	<b>Golfingiidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0014	<i>Golfingia elongata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0017	<i>Golfingia vulgaris</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0034	<i>Phascolion strombus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0015	<i>Pisione remota</i>	-	6	-	1	-	-	-	-	-	-	-	1	-	-
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0025	<b>Polynoidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0044	<i>Enipo kinbergi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0049	<i>Gattyana cirrhosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0058	<i>Harmothoe extenuata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe fernandi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0062	<i>Harmothoe glabra</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0065	<i>Harmothoe impar</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe clavigera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0051	<i>Malmgreniella andreapolis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0055	<i>Malmgreniella castanea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella darbouxi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0066	<i>Malmgreniella ljunghmani</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0067	<i>Malmgreniella arenicolae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0082	<i>Lepidonotus squamatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0092	<i>Pholoe baltica</i> (sensu petersen)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0094	<i>Pholoe inornata</i> (sensu petersen)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Pholoe assimilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0103	<i>Sigalion</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0107	<i>Sthenelais boa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0109	<i>Sthenelais limicola</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0114	<b>Phyllodocidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0118	<i>Eteone longa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0122	<i>Hesionura elongata</i>	-	4	-	-	-	-	-	-	-	-	-	1	-	1
P0124	<i>Hypereteone foliosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0127	<i>Mysta picta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0136	<i>Pseudomystides limbata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0139	<i>Anaitides</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0141	<i>Anaitides groenlandica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0142	<i>Anaitides lineata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0143	<i>Anaitides longipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0144	<i>Anaitides maculata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	1
P0145	<i>Anaitides mucosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0146	<i>Anaitides rosea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0150	<i>Eulalia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0155	<i>Eulalia mustela</i>	-	-	-	-	-	-	-	-	1	-	-	1	-	-

















SDC Code	StationCode	442	443	444	445	446	447	448	449	450	451	452	453	454	455
P0156	<i>Eulalia ornata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0163	<i>Eumida</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0164	<i>Eumida bahusiensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0167	<i>Eumida sanguinea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0255	<i>Glycera</i>	1	5	4	-	-	-	-	-	1	2	6	4	2	1
P0256	<i>Glycera alba</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0260	<i>Glycera lapidum</i>	-	-	3	-	-	-	-	-	-	2	-	-	-	-
P0262	<i>Glycera oxycephala</i>	-	-	1	1	1	-	-	1	-	-	-	-	-	-
P0266	Goniadidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0268	<i>Glycinde nordmanni</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0271	<i>Goniada maculata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0291	<i>Sphaerodorom gracilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0300	<i>Gyptis propinqua</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0305	<i>Psamathe fusca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0311	<i>Nereimyra punctata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0313	<i>Ophiiodromus flexuosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0317	<i>Ophiiodromus pallidus</i>	-	-	-	-	-	-	-	-	-	2	-	-	-	-
P0319	<i>Podarkeopsis capensis</i>	-	-	-	-	-	-	-	-	-	3	-	-	-	-
P0333	<i>Microphthalmus similis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0358	<i>Syllis (Type D)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0358	<i>Syllis (Type E)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0358	<i>Syllis (Type H)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0349	<i>Syllis cornuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0360	<i>Syllis gracilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0380	<i>Eusyllis blomstrandii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0387	<i>Odontosyllis fulgurans</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0391	<i>Opisthodonta pterochaeta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0402	<i>Streptosyllis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0403	<i>Streptosyllis bidentata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Syllides japonicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0411	<i>Brania</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0421	<i>Exogone hebes</i>	-	1	-	-	-	-	-	1	-	-	-	-	-	1
P0422	<i>Exogone naidina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0423	<i>Exogone verugera</i>	-	-	-	-	-	1	-	-	-	-	-	-	-	-
P0425	<i>Sphaerosyllis bulbosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0430	<i>Sphaerosyllis taylori</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0434	<i>Autolytus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0451	<i>Proceraea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0457	<i>Procerastea nematodes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0458	Nereididae	-	-	-	-	-	2	-	-	-	-	-	-	-	-
P0475	<i>Eunereis longissima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0478	<i>Nereis zonata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0493	<i>Aglaophamus rubella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0494	<i>Nephtys</i>	1	-	-	-	-	-	-	-	-	-	4	1	-	-
P0495	<i>Nephtys assimilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0496	<i>Nephtys caeca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0498	<i>Nephtys cirrosa</i>	1	2	1	-	-	-	-	1	1	-	1	1	2	1
P0499	<i>Nephtys hombergii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0502	<i>Nephtys kersivalensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0503	<i>Nephtys longosetosa</i>	-	-	-	-	-	1	-	-	-	-	-	-	-	-
P0563	<i>Marphysa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0564	<i>Marphysa bellii</i>	-	-	-	-	-	1	-	-	-	1	-	-	-	-
P0568	<i>Nematonereis unicornis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0569	Lumbrineridae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Lumbrineris cingulata</i>	-	-	-	-	-	4	-	1	-	-	-	-	-	-
P0584	<i>Scoletoma impatiens</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0633	<i>Parougia caeca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0638	<i>Protodorvillea kefersteini</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0642	<i>Schistomeringos neglecta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0643	<i>Schistomeringos rudolphi</i>	-	-	-	-	-	-	-	-	-	1	-	-	-	-
P0665	<i>Orbinia sertulata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0672	<i>Scoloplos armiger</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0674	Paraonidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0677	<i>Aricidea minuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0678	<i>Aricidea wassi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0691	<i>Cirrophorus furcatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0699	<i>Paradoneis Iyra</i>	-	-	-	-	-	-	-	-	-	1	-	-	-	-
P0718	<i>Poecilochaetus serpens</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
P0720	Spionidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0722	<i>Aonides oxycephala</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0723	<i>Aonides paucibranchiata</i>	-	1	1	-	-	5	-	-	1	2	-	1	-	-
	<i>Atherospio guillei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0733	<i>Laonice bahusiensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0747	<i>Minuspio cirrifera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0750	<i>Polydora caeca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0751	<i>Polydora caulleryi</i>	-	-	-	-	-	-	-	-	-	2	-	-	-	-



SDC Code	StationCode	442	443	444	445	446	447	448	449	450	451	452	453	454	455
P1362	Spirorbidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1469	Limnodriloides	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1498	Tubificoides pseudogaster	-	-	-	-	-	-	-	-	-	11	-	-	-	-
P1524	Grania	-	3	-	-	-	3	-	-	2	10	-	1	2	-
Q0005	Nymphon brevistrore	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0015	Achelia echinata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0031	Callipallenidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0033	Callipallene brevistrostris	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0044	Anoplodactylus petiolatus	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Q0054	ACARINA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0068	Elminius modestus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0077	Balanus crenatus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0142	COPEPODA	-	-	-	-	-	-	-	-	4	2	-	-	-	-
R2412	OSTRACODA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0006	Nebalia bipes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0008	Nebalia herbsti	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0018	Rissooides desmaresti	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0025	MYSIDACEA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0034	Siriella armata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0044	Gastrosaccus spinifer	-	-	-	-	-	-	1	-	1	-	-	-	-	-
S0064	Mysidopsis (Type A)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0070	Acanthomysis longicornis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0074	Mesopodopsis slabberi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0076	Neomysis integer	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0086	Schistomysis kervillei	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0087	Schistomysis ornata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0089	Schistomysis spiritus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0092	Heteromysis formosa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0102	Apherusa bispinosa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0106	Apherusa jurinei	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0107	Apherusa ovalipes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0131	Periocolodes longimanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0133	Pontocrates altamarinus	-	-	-	2	-	-	-	-	-	-	-	-	-	-
S0134	Pontocrates arcticus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0135	Pontocrates arenarius	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0138	Synchelidium maculatum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0159	Amphilochus neapolitanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0177	Leucothoe incisa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0178	Leucothoe lilljeborgi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Leucothoe richiardii	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0213	Stenothoe marina	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0246	Urothoe	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0247	Urothoe brevicornis	-	-	-	2	1	1	-	2	-	-	-	-	-	-
S0248	Urothoe elegans	-	-	-	-	-	-	-	-	-	-	-	-	-	2
S0249	Urothoe marina	-	-	-	-	-	-	-	-	-	3	-	-	-	-
S0250	Urothoe poseidonis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0251	Urothoe pulchella	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0254	Harpinia antennaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0257	Harpinia pectinata	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0271	Lysianassidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0275	Acidostoma obesum	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0296	Hippomedon denticulatus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0301	Lepidepecreum longicorne	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0320	Orchomene humilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0321	Orchomenella nana	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0337	Tmetonyx similis	-	-	-	-	-	-	-	-	-	1	-	-	-	-
S0380	Iphimedia minuta	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0410	Atylus falcatus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0412	Atylus swammerdamei	-	-	2	-	-	-	-	-	-	-	-	-	-	-
S0423	Ampelisca	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0429	Ampelisca diadema	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0438	Ampelisca spinipes	-	-	-	-	-	-	-	-	-	2	-	-	-	-
S0451	Bathyporeia	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0452	Bathyporeia elegans	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0453	Bathyporeia gracilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0454	Bathyporeia guilliamsoniana	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0456	Bathyporeia pelagica	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0457	Bathyporeia pilosa	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0458	Bathyporeia sarsi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0459	Bathyporeia tenuipes	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0462	Haustorius arenarius	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0464	Gammaridae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0489	Megaluropus agilis	-	-	-	-	-	-	-	-	-	-	-	1	-	-
S0495	Melitidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0498	Abludomelita obtusata	-	8	4	-	-	5	-	-	-	6	-	-	-	-
S0503	Cheirocratus	-	-	-	-	-	-	-	-	-	1	-	-	-	-









SDC Code	StationCode	456	457	458	459	460	461	462	463	464	465	466	467	468	469
C0001	<b>PORIFERA</b>	-	-	-	p	-	-	-	-	-	-	-	-	-	-
C0053	<i>Leucosolenia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0475	<i>Cliona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0138	<b>LEPTOLIDA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0163	<i>Tubularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0172	<i>Coryne</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0216	<b>FILIFERA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0229	<i>Pandeiidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0240	<i>Leuckartiara octona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0246	<i>Bougainvillidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0273	<i>Hydractinia echinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0336	<i>Lovenella clausa</i>	-	-	-	-	-	-	-	-	-	-	-	p	-	-
D0348	<i>Calycella syringa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0390	<i>Halecium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0409	<i>Abietinaria abietina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0427	<i>Sertularella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0433	<i>Sertularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	p	p
D0447	<i>Plumulariidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0462	<i>Nemertesia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0491	<i>Campanulariidae</i>	-	-	-	-	-	-	-	p	-	-	p	-	-	-
D0503	<i>Clytia hemisphaerica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0517	<i>Obelia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0518	<i>Obelia bidentata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0521	<i>Obelia longissima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0632	<i>Cerianthus lloydii</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
D0662	<b>ACTINIARIA</b>	-	-	-	-	15	-	-	1	-	-	-	-	-	-
F0002	<b>TURBELLARIA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G0001	<b>NEMERTEA</b>	-	1	1	-	31	-	-	1	-	-	-	1	2	8
HD0001	<b>NEMATODA</b>	-	-	1	-	1	1	-	2	-	-	-	-	-	-
K0001	<b>ENTOPROCTA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K0045	<i>Pedicellina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L0009	<i>Sagitta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0011	<b>Golfingiidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0014	<i>Golfingia elongata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0017	<i>Golfingia vulgaris</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0034	<i>Phascolion strombus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0015	<i>Pisone remota</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0025	<b>Polynoidae</b>	-	-	-	-	3	-	-	2	-	-	-	-	-	-
P0044	<i>Enipo kinbergi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0049	<i>Gattyana cirrhosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0058	<i>Harmothoe extenuata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe fernandi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0062	<i>Harmothoe glabra</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0065	<i>Harmothoe impar</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe clavigera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0051	<i>Malmgreniella andreapolis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0055	<i>Malmgreniella castanea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella darbouxi</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-
P0066	<i>Malmgreniella ljunghmani</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
P0067	<i>Malmgreniella arenicolae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0082	<i>Lepidonotus squamatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0092	<i>Pholoe baltica (sensu petersen)</i>	-	-	-	-	14	-	-	1	-	-	-	-	-	5
P0094	<i>Pholoe inornata (sensu petersen)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Pholoe assimilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0103	<i>Sigalion</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-
P0107	<i>Sthenelais boa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0109	<i>Sthenelais limicola</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0114	<b>Phyllodocidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0118	<i>Eteone longa</i>	-	-	-	-	3	-	-	4	-	-	-	-	-	1
P0122	<i>Hesionura elongata</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	-
P0124	<i>Hypereteone foliosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0127	<i>Mysta picta</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
P0136	<i>Pseudomystides limbata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0139	<b>Anaitides</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0141	<i>Anaitides groenlandica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0142	<i>Anaitides lineata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0143	<i>Anaitides longipes</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
P0144	<i>Anaitides maculata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0145	<i>Anaitides mucosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0146	<i>Anaitides rosea</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	3
P0150	<i>Eulalia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0155	<i>Eulalia mustela</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-





























SDC Code	StationCode	484	485	487	488	489	490	491	492	493	494	495	496	497	498
C0001	<b>PORIFERA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0053	<i>Leucosolenia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0475	<i>Cliona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0138	<b>LEPTOLIDA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0163	<i>Tubularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0172	<i>Coryne</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0216	<b>FILIFERA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0229	<i>Pandeiidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0240	<i>Leuckartiara octona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0246	<i>Bougainvillidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0273	<i>Hydractinia echinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0336	<i>Lovenella clausa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0348	<i>Calycella syringa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0390	<i>Halecium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0409	<i>Abietinaria abietina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0427	<i>Sertularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0433	<i>Sertularia</i>	-	-	-	-	-	P	-	-	-	-	-	-	-	-
D0447	<i>Plumulariidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0462	<i>Nemertesia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0491	<i>Campanulariidae</i>	-	-	P	-	-	-	-	P	-	-	-	-	-	-
D0503	<i>Clytia hemisphaerica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0517	<i>Obelia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0518	<i>Obelia bidentata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0521	<i>Obelia longissima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0632	<i>Cerianthus lloydii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0662	<b>ACTINIARIA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F0002	<b>TURBELLARIA</b>	-	-	1	-	-	-	-	-	1	-	-	-	-	-
G0001	<b>NEMERTEA</b>	-	4	1	1	1	-	2	3	-	-	-	-	4	-
HD0001	<b>NEMATODA</b>	-	-	-	-	-	-	1	-	-	-	-	-	8	-
K0001	<b>ENTOPROCTA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K0045	<i>Pedicellina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L0009	<i>Sagitta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0011	<b>Golfingiidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0014	<i>Golfingia elongata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0017	<i>Golfingia vulgaris</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0034	<i>Phascolion strombus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0015	<i>Pisone remota</i>	-	-	-	-	-	-	-	-	-	-	-	-	13	-
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0025	<b>Polynoidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0044	<i>Enipo kinbergi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0049	<i>Gattyana cirrhosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0058	<i>Harmothoe extenuata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe fernandi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0062	<i>Harmothoe glabra</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0065	<i>Harmothoe impar</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe clavigera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0051	<i>Malmgreniella andreapolis</i>	-	-	-	-	-	-	-	-	2	-	-	-	-	-
P0055	<i>Malmgreniella castanea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella darbouxi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0066	<i>Malmgreniella ljungmani</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0067	<i>Malmgreniella arenicolae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0082	<i>Lepidonotus squamatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0092	<i>Pholoe baltica</i> (sensu petersen)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0094	<i>Pholoe inornata</i> (sensu petersen)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Pholoe assimilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0103	<i>Sigalion</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0107	<i>Sthenelais boa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0109	<i>Sthenelais limicola</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0114	<b>Phyllodocidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0118	<i>Eteone longa</i>	-	-	-	-	-	-	-	-	-	-	1	-	-	-
P0122	<i>Hesionura elongata</i>	1	-	-	1	-	-	1	-	-	-	-	-	2	-
P0124	<i>Hypereteone foliosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0127	<i>Mysta picta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0136	<i>Pseudomystides limbata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0139	<i>Anaitides</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0141	<i>Anaitides groenlandica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0142	<i>Anaitides lineata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0143	<i>Anaitides longipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0144	<i>Anaitides maculata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0145	<i>Anaitides mucosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0146	<i>Anaitides rosea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0150	<i>Eulalia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0155	<i>Eulalia mustela</i>	-	-	-	-	1	-	1	-	-	-	-	-	-	-































SDC Code	StationCode	514	515	516	517	518	519	520	521	522	523	524	525	526	527
C0001	<b>PORIFERA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0053	<i>Leucosolenia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0475	<i>Cliona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0138	<b>LEPTOLIDA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0163	<i>Tubularia</i>	-	-	-	-	-	-	-	-	-	p	-	-	-	-
D0172	<i>Coryne</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0216	<b>FILIFERA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0229	<i>Pandeiidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0240	<i>Leuckartiara octona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0246	<i>Bougainvillidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0273	<i>Hydractinia echinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0336	<i>Lovenella clausa</i>	-	-	-	-	-	-	-	-	-	-	-	-	p	-
D0348	<i>Calycella syringa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0390	<i>Halecium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0409	<i>Abietinaria abietina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0427	<i>Sertularella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0433	<i>Sertularia</i>	-	-	-	-	p	-	-	-	-	-	-	-	-	-
D0447	<i>Plumulariidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0462	<i>Nemertesia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0491	<i>Campanulariidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0503	<i>Clytia hemisphaerica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0517	<i>Obelia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0518	<i>Obelia bidentata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0521	<i>Obelia longissima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0632	<i>Cerianthus lloydii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0662	<b>ACTINIARIA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F0002	<b>TURBELLARIA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G0001	<b>NEMERTEA</b>	1	2	1	-	6	-	3	1	4	7	1	-	2	1
HD0001	<b>NEMATODA</b>	-	1	-	1	-	-	4	-	2	-	-	1	-	-
K0001	<b>ENTOPROCTA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K0045	<i>Pedicellina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L0009	<i>Sagitta</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-
N0011	<b>Golfingiidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0014	<i>Golfingia elongata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0017	<i>Golfingia vulgaris</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0034	<i>Phascolion strombus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0015	<i>Pisione remota</i>	-	-	-	-	-	-	32	11	1	-	-	-	-	1
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0025	<b>Polynoidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0044	<i>Enipo kinbergi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0049	<i>Gattyana cirrhosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0058	<i>Harmothoe extenuata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe fernandi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0062	<i>Harmothoe glabra</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0065	<i>Harmothoe impar</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe clavigera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0051	<i>Malmgreniella andreapolis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0055	<i>Malmgreniella castanea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella darbouxii</i>	-	-	-	-	-	-	-	-	-	2	-	-	-	-
P0066	<i>Malmgreniella ljunghmani</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0067	<i>Malmgreniella arenicolae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0082	<i>Lepidonotus squamatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0092	<i>Pholoe baltica (sensu petersen)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0094	<i>Pholoe inornata (sensu petersen)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Pholoe assimilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0103	<i>Sigalion</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0107	<i>Sthenelais boa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0109	<i>Sthenelais limicola</i>	-	-	-	-	-	-	-	-	-	-	-	1	-	-
P0114	<b>Phyllodocidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0118	<i>Eteone longa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0122	<i>Hesionura elongata</i>	-	-	-	1	8	-	1	3	1	-	-	-	-	-
P0124	<i>Hypereteone foliosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0127	<i>Mysta picta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0136	<i>Pseudomystides limbata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0139	<i>Anaitides</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0141	<i>Anaitides groenlandica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0142	<i>Anaitides lineata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0143	<i>Anaitides longipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0144	<i>Anaitides maculata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0145	<i>Anaitides mucosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0146	<i>Anaitides rosea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0150	<i>Eulalia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0155	<i>Eulalia mustela</i>	-	-	-	-	-	-	-	-	-	1	-	-	-	-















SDC Code	StationCode	528	529	530	531	532	534	535	536	537	538	539	540	541	542
C0001	<b>PORIFERA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0053	<i>Leucosolenia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0475	<i>Cliona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0138	<b>LEPTOLIDA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0163	<i>Tubularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0172	<i>Coryne</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0216	<b>FILIFERA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0229	<i>Pandeiidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0240	<i>Leuckartiara octona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0246	<i>Bougainvillidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0273	<i>Hydractinia echinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0336	<i>Lovenella clausa</i>	-	-	-	-	-	-	-	-	-	-	-	-	P	-
D0348	<i>Calycella syringa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0390	<i>Halecium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0409	<i>Abietinaria abietina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	-	-	-	-	-	P	-	-	-	-	-	-
D0427	<i>Sertularella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0433	<i>Sertularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	P	-
D0447	<i>Plumulariidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	P	-
D0462	<i>Nemertesia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0491	<i>Campanulariidae</i>	-	-	-	-	-	-	-	P	-	-	-	-	-	-
D0503	<i>Clytia hemisphaerica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0517	<i>Obelia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0518	<i>Obelia bidentata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0521	<i>Obelia longissima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0632	<i>Cerianthus lloydii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0662	<b>ACTINIARIA</b>	-	-	-	-	-	1	-	1	-	-	-	-	1	-
F0002	<b>TURBELLARIA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G0001	<b>NEMERTEA</b>	1	-	2	1	1	2	2	3	1	1	2	-	-	1
HD0001	<b>NEMATODA</b>	2	-	-	-	-	1	17	-	-	-	-	-	2	-
K0001	<b>ENTOPROCTA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K0045	<i>Pedicellina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L0009	<i>Sagitta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0011	<b>Golfingiidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0014	<i>Golfingia elongata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0017	<i>Golfingia vulgaris</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0034	<i>Phascolion strombus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0015	<i>Pisione remota</i>	-	-	-	-	-	-	5	-	-	1	-	-	-	-
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0025	<b>Polynoidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0044	<i>Enipo kinbergi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0049	<i>Gattyana cirrhosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0058	<i>Harmothoe extenuata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe fernandi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0062	<i>Harmothoe glabra</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0065	<i>Harmothoe impar</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe clavigera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0051	<i>Malmgreniella andreapolis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0055	<i>Malmgreniella castanea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella darbouxii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0066	<i>Malmgreniella ljunghmani</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0067	<i>Malmgreniella arenicolae</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	-
P0082	<i>Lepidonotus squamatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0092	<i>Pholoe baltica (sensu petersen)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0094	<i>Pholoe inornata (sensu petersen)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Pholoe assimilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0103	<i>Sigalion</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0107	<i>Sthenelais boa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0109	<i>Sthenelais limicola</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0114	<b>Phyllodocidae</b>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
P0118	<i>Eteone longa</i>	-	-	-	-	1	1	-	-	-	1	-	-	1	-
P0122	<i>Hesionura elongata</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	-
P0124	<i>Hypereteone foliosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0127	<i>Mysta picta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0136	<i>Pseudomystides limbata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0139	<i>Anaitides</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0141	<i>Anaitides groenlandica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0142	<i>Anaitides lineata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0143	<i>Anaitides longipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0144	<i>Anaitides maculata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0145	<i>Anaitides mucosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0146	<i>Anaitides rosea</i>	-	-	-	-	-	-	-	-	-	-	-	2	-	-
P0150	<i>Eulalia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0155	<i>Eulalia mustela</i>	-	-	-	-	1	-	1	-	1	-	-	-	-	-

































































SDC Code	StationCode	692	694	701	707	712	713	738	739	740	741	742	743	744	745
P0156	<i>Eulalia ornata</i>	-	-	-	-	-	-	14	-	12	6	-	-	-	-
P0163	<i>Eumida</i>	-	-	-	-	-	-	1	-	-	-	-	-	-	-
P0164	<i>Eumida bahusiensis</i>	-	-	-	-	-	-	1	-	-	2	-	-	-	-
P0167	<i>Eumida sanguinea</i>	-	-	-	-	-	-	1	-	1	-	-	-	1	-
P0255	<i>Glycera</i>	1	1	-	-	2	-	-	-	4	3	-	-	3	-
P0256	<i>Glycera alba</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0260	<i>Glycera lapidum</i>	-	-	-	-	3	-	1	1	5	5	-	-	4	2
P0262	<i>Glycera oxycephala</i>	-	-	-	3	-	-	-	-	-	-	-	-	-	-
P0266	Goniadidae	-	-	-	-	-	-	1	-	-	-	-	-	-	-
P0268	<i>Glycinde nordmanni</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0271	<i>Goniada maculata</i>	-	-	-	-	-	-	1	-	3	-	1	-	1	-
P0291	<i>Sphaerodorum gracilis</i>	-	-	-	-	-	-	-	-	-	2	-	-	-	-
P0300	<i>Gyptis propinqua</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0305	<i>Psamathe fusca</i>	-	-	-	-	-	-	-	-	-	-	-	1	-	-
P0311	<i>Nereimyra punctata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0313	<i>Ophiodromus flexuosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0317	<i>Ophiodromus pallidus</i>	-	-	-	-	-	-	6	-	1	-	-	-	-	-
P0319	<i>Podarkeopsis capensis</i>	-	-	-	-	-	-	-	-	-	-	1	-	-	-
P0333	<i>Micropthalmus similis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0358	<i>Syllis (Type D)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0358	<i>Syllis (Type E)</i>	-	-	-	-	-	-	-	-	4	-	-	-	-	-
P0358	<i>Syllis (Type H)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0349	<i>Syllis cornuta</i>	-	-	-	-	-	-	-	-	-	1	-	-	-	-
P0360	<i>Syllis gracilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0380	<i>Eusyllis blomstrandii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0387	<i>Odontosyllis fulgurans</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0391	<i>Opisthodonta pterochaeta</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
P0402	<i>Streptosyllis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0403	<i>Streptosyllis bidentata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Syllides japonicus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0411	<i>Brania</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0421	<i>Exogone hebes</i>	-	-	-	-	-	-	-	-	-	2	-	-	-	-
P0422	<i>Exogone naidina</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	-
P0423	<i>Exogone verugera</i>	-	-	-	-	-	-	1	-	-	3	-	-	-	-
P0425	<i>Sphaerosyllis bulbosa</i>	-	-	-	-	-	-	-	-	-	-	-	1	-	-
P0430	<i>Sphaerosyllis taylori</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0434	<i>Autolytus</i>	1	-	-	-	-	-	9	-	-	-	-	-	-	-
P0451	<i>Proceraea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0457	<i>Procerastea nematodes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0458	Nereididae	1	-	-	-	-	-	17	-	-	1	-	2	-	1
P0475	<i>Eunereis longissima</i>	-	-	-	-	-	-	10	-	4	-	2	1	3	1
P0478	<i>Nereis zonata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0493	<i>Aglaophamus rubella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0494	<i>Nephtys</i>	-	-	-	3	-	-	1	-	-	-	-	-	-	-
P0495	<i>Nephtys assimilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0496	<i>Nephtys caeca</i>	-	-	-	-	-	-	1	1	-	1	-	1	-	-
P0498	<i>Nephtys cirrosa</i>	1	3	3	1	3	1	-	3	-	-	1	-	-	-
P0499	<i>Nephtys hombergii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0502	<i>Nephtys kersivalensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0503	<i>Nephtys longosetosa</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-
P0563	<i>Marphysa</i>	-	-	-	-	-	-	-	-	-	1	-	-	-	-
P0564	<i>Marphysa bellii</i>	-	-	-	-	-	-	2	3	3	-	1	-	-	2
P0568	<i>Nematonereis unicornis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0569	Lumbrineridae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Lumbrineris cingulata</i>	-	-	-	-	-	-	13	1	8	9	-	4	1	3
P0584	<i>Scoletoma impatiens</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0633	<i>Parougia caeca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0638	<i>Protodorvillea kefersteini</i>	-	-	-	-	-	-	1	-	-	-	-	-	-	-
P0642	<i>Schistomeringos neglecta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0643	<i>Schistomeringos rudolphi</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-
P0665	<i>Orbinia sertulata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0672	<i>Scoloplos armiger</i>	1	1	-	-	-	-	-	-	-	2	1	-	-	-
P0674	Paraonidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0677	<i>Aricidea minuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0678	<i>Aricidea wassi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0691	<i>Cirrophorus furcatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0699	<i>Paradoneis lyra</i>	-	-	-	-	-	-	8	2	5	3	-	-	2	-
P0718	<i>Poecilochaetus serpens</i>	-	-	-	-	-	-	-	7	2	4	-	-	-	7
P0720	Spionidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0722	<i>Aonides oxycephala</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	-
P0723	<i>Aonides paucibranchiata</i>	5	-	-	3	6	-	-	-	5	1	-	-	-	-
	<i>Atherospio guillei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0733	<i>Laonice bahusiensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	-
P0747	<i>Minuspio cirrifera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0750	<i>Polydora caeca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0751	<i>Polydora caulleryi</i>	-	-	-	-	-	-	4	-	16	-	-	-	-	-

















SDC Code	StationCode	746	747	748	749	750	751	753	755	756	757	758	759	760	762
P0777	<i>Scolecopsis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0779	<i>Scolecopsis bonnieri</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0780	<i>Scolecopsis cantabra</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0781	<i>Scolecopsis foliosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0783	<i>Scolecopsis korsuni</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0787	<i>Scolecopsis squamata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0787	<i>Spio</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0788	<i>Spio armata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0789	<i>Spio decorata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0790	<i>Spio filicornis</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	-
P0791	<i>Spio martinensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0791	<i>Spio goniocephala</i>	-	1	-	-	-	-	-	-	-	-	-	-	-	-
P0794	<i>Spiophanes bombyx</i>	-	-	3	4	3	2	1	-	2	1	-	4	3	-
P0796	<i>Spiophanes kroyeri</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	1
P0803	<i>Magelona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0804	<i>Magelona alleni</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0805	<i>Magelona filiformis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0807	<i>Magelona johnstoni</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0807	<i>Magelona mirabilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0814	<i>Chaetopterus variopedatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0823	<i>Aphelochaeta (Type A)</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
P0829	<i>Caulleriella alata</i>	-	-	2	9	-	1	1	1	3	6	1	1	7	10
P0834	<i>Chaetozone christiei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0834	<i>Chaetozone setosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0831	<i>Chaetozone zetlandica</i>	-	-	-	1	-	-	3	-	1	2	-	1	-	1
P0831	<i>Cirratulus caudatus</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-
P0838	<i>Cirriformia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0839	<i>Cirriformia tentaculata</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-
P0840	<i>Dodecaceria</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0846	<i>Tharyx killariensis</i>	-	-	-	-	-	-	-	-	-	-	-	1	-	-
P0881	<i>Flabelligera affinis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0882	<i>Pherusa</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	-
P0889	<i>Macrochaeta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0906	<i>Capitella</i>	-	-	-	-	-	1	-	-	-	-	-	-	-	-
P0919	<i>Mediomastus fragilis</i>	1	-	1	19	-	1	2	1	1	7	2	2	2	44
P0921	<i>Notomastus latericeus</i>	1	-	2	2	-	-	1	1	-	10	5	-	2	1
P0927	<i>Pseudonotomastus southerni</i>	-	-	-	-	-	-	-	1	-	-	-	1	-	-
P0955	<i>Clymenura</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0964	<i>Euclymene oerstedii</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	-
P0971	<i>Praxillella affinis</i>	-	-	-	-	-	-	-	-	-	-	-	1	-	-
P0993	Opheliidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0996	<i>Euzonus flabelligerus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0997	<i>Ophelia</i>	2	7	3	2	1	1	-	2	-	-	-	-	-	-
P0999	<i>Ophelia borealis</i>	-	2	4	-	2	1	-	-	-	-	-	-	-	-
P1002	<i>Ophelia neglecta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1007	<i>Travisia forbesii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1014	<i>Ophelina acuminata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1022	<i>Asclerocheilus intermedius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1026	<i>Scalibregma celticum</i>	-	-	-	-	-	-	-	-	3	1	-	-	-	-
P1027	<i>Scalibregma inflatum</i>	-	-	2	4	-	-	1	-	2	16	-	-	-	2
P1062	<i>Polygordius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1093	<i>Galathowenia oculata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1098	<i>Owenia fusiformis</i>	-	-	1	5	1	-	6	-	1	10	-	-	7	-
P1107	<i>Lagis koreni</i>	-	-	-	-	2	-	1	2	4	1	-	1	21	-
P1117	<i>Sabellaria spinulosa</i>	2	1	-	-	65	13	-	2	-	1	32	-	15	14
P1118	Ampharetidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1136	<i>Ampharete finmarchica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1138	<i>Ampharete grubei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1139	<i>Ampharete lindstroemi</i>	-	-	-	-	-	-	6	-	-	10	1	1	2	-
P1147	<i>Anobothrus gracilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1175	<i>Terebellides stroemi</i>	-	-	-	-	-	-	-	-	1	1	-	-	-	-
P1179	Terebellidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1195	<i>Lanice conchilega</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1201	<i>Loimia medusa</i>	-	-	4	-	-	-	-	-	-	-	-	-	-	-
P1210	<i>Nicolea venustula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1229	<i>Amaeana trilobata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1232	<i>Lysilla</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1232	<i>Lysilla (Type A)</i>	-	-	-	-	1	-	-	1	1	-	-	-	-	-
P1233	<i>Lysilla loveni</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	-
P1235	<i>Polycirrus</i>	-	1	-	2	3	-	-	1	-	2	2	-	-	-
P1254	<i>Thelepus cincinnatus</i>	-	-	-	-	-	-	-	-	-	-	1	-	-	-
P1257	Sabellidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1272	<i>Demonax branchyona</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-
P1324	Serpulidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1327	<i>Chitinopoma serrula ?</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1340	<i>Pomatoceros lamarcki</i>	-	-	-	1	-	-	-	-	-	1	-	-	-	-

SDC Code	StationCode	746	747	748	749	750	751	753	755	756	757	758	759	760	762
P1362	<b>Spirorbidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1469	<i>Limnodriloides</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1498	<i>Tubificoides pseudogaster</i>	-	-	-	1	1	-	-	-	-	-	-	-	-	4
P1524	<i>Grania</i>	-	1	1	-	2	-	-	1	-	-	-	-	2	-
Q0005	<i>Nymphon brevistrore</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0015	<i>Achelia echinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0031	<b>Callipallenidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0033	<i>Callipallene brevistrotris</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0044	<i>Anoplodactylus petiolatus</i>	-	1	1	1	1	-	-	-	-	-	-	-	2	-
Q0054	<b>ACARINA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0068	<i>Elminius modestus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0077	<i>Balanus crenatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0142	<b>COPEPODA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R2412	<b>OSTRACODA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0006	<i>Nebalia bipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0008	<i>Nebalia herbsti</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0018	<i>Rissoides desmaresti</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	1
S0025	<b>MYSIDACEA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0034	<i>Siriella armata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0044	<i>Gastrosaccus spinifer</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0064	<b>Mysidopsis (Type A)</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0070	<i>Acanthomysis longicornis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0074	<i>Mesopodopsis slabberi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0076	<i>Neomysis integer</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0086	<i>Schistomysis kervillei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0087	<i>Schistomysis ornata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0089	<i>Schistomysis spiritus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0092	<i>Heteromysis formosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0102	<i>Apherusa bispinosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0106	<i>Apherusa jurinei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0107	<i>Apherusa ovalipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0131	<i>Perioculodes longimanus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0133	<i>Pontocrates altamarinus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0134	<i>Pontocrates arcticus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0135	<i>Pontocrates arenarius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0138	<i>Synchelidium maculatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0159	<i>Amphilochus neapolitanus</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-
S0177	<i>Leucothoe incisa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0178	<i>Leucothoe lilljeborgi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Leucothoe richiardii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0213	<i>Stenothoe marina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0246	<i>Urothoe</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0247	<i>Urothoe brevicornis</i>	1	-	-	-	-	-	-	-	-	-	-	-	-	-
S0248	<i>Urothoe elegans</i>	-	-	-	-	13	2	-	-	-	-	-	-	2	-
S0249	<i>Urothoe marina</i>	-	-	2	-	-	-	-	4	-	-	-	-	-	-
S0250	<i>Urothoe poseidonis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0251	<i>Urothoe pulchella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0254	<i>Harpinia antennaria</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0257	<i>Harpinia pectinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0271	<b>Lysianassidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0275	<i>Acidostoma obesum</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	1
S0296	<i>Hippomedon denticulatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0301	<i>Lepidepecreum longicorne</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0320	<i>Orchomene humilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0321	<i>Orchomenella nana</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0337	<i>Tmetonyx similis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0380	<i>Iphimedia minuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0410	<i>Atylus falcatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0412	<i>Atylus swammerdamei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0423	<i>Ampelisca</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-
S0429	<i>Ampelisca diadema</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0438	<i>Ampelisca spinipes</i>	-	-	-	4	1	-	1	-	3	6	1	-	31	2
S0451	<b>Bathyporeia</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0452	<i>Bathyporeia elegans</i>	1	-	-	-	-	-	-	-	-	-	-	-	-	-
S0453	<i>Bathyporeia gracilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0454	<i>Bathyporeia guilliamsoniana</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0456	<i>Bathyporeia pelagica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0457	<i>Bathyporeia pilosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0458	<i>Bathyporeia sarsi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0459	<i>Bathyporeia tenuipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0462	<i>Haustorius arenarius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0464	<b>Gammaridae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0489	<i>Megaluropus agilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0495	<b>Melitidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0498	<i>Abludomelita obtusata</i>	-	-	-	-	2	-	1	-	-	-	-	-	1	2
S0503	<i>Cheirocratus</i>	-	-	-	-	-	-	1	-	-	-	-	-	-	-























SDC Code	StationCode	778	779	780	781	782	785	786	787	788	789	792	793	794	795
C0001	PORIFERA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0053	<i>Leucosolenia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C0475	<i>Cliona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0138	LEPTOLIDA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0163	<i>Tubularia</i>	-	-	-	-	-	-	-	-	-	-	P	-	-	-
D0172	<i>Coryne</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0216	FILIFERA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0229	<i>Pandeiidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0240	<i>Leuckartiara octona</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0246	<i>Bougainvillidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	P	-
D0273	<i>Hydractinia echinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0336	<i>Lovenella clausa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0348	<i>Calycella syringa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0390	<i>Halecium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0409	<i>Abietinaria abietina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0427	<i>Sertularella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0433	<i>Sertularia</i>	-	-	-	-	-	P	-	-	-	-	-	-	-	-
D0447	<i>Plumulariidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0462	<i>Nemertesia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0491	<i>Campanulariidae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0503	<i>Clytia hemisphaerica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0517	<i>Obelia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0518	<i>Obelia bidentata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0521	<i>Obelia longissima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0632	<i>Cerianthus lloydii</i>	-	-	-	-	-	-	-	-	-	-	-	1	-	1
D0662	ACTINIARIA	-	1	11	4	-	-	-	-	-	-	3	5	6	5
F0002	TURBELLARIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G0001	NEMERTEA	8	4	22	50	1	1	4	2	3	4	14	22	19	32
HD0001	NEMATODA	1	-	-	77	-	-	3	-	-	4	13	-	1	2
K0001	ENTOPROCTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-
K0045	<i>Pedicellina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L0009	<i>Sagitta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0011	Golfingiidae	-	-	1	-	-	-	-	-	-	-	-	2	-	7
N0014	<i>Golfingia elongata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0017	<i>Golfingia vulgaris</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N0034	<i>Phascolion strombus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0015	<i>Pisone remota</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-
P0025	Polynoidae	-	-	7	-	-	-	-	-	-	-	5	-	-	1
P0044	<i>Enipo kinbergi</i>	-	-	-	-	-	-	-	-	-	-	-	-	1	-
P0049	<i>Gattiana cirrhosa</i>	-	-	-	1	-	-	-	-	-	-	1	-	-	-
P0058	<i>Harmothoe extenuata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Harmothoe fernandi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0062	<i>Harmothoe glabra</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0065	<i>Harmothoe impar</i>	-	-	-	-	-	-	-	-	-	-	2	-	-	-
	<i>Harmothoe clavigera</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0051	<i>Malmgreniella andreapolis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0055	<i>Malmgreniella castanea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Malmgreniella darbouxi</i>	-	-	1	3	-	-	-	-	-	-	-	-	2	-
P0066	<i>Malmgreniella ljunghmani</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0067	<i>Malmgreniella arenicolae</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0082	<i>Lepidonotus squamatus</i>	-	-	16	-	-	-	-	-	-	1	5	-	-	1
P0092	<i>Pholoe baltica (sensu petersen)</i>	-	-	49	19	-	-	-	-	1	-	8	-	7	16
P0094	<i>Pholoe inornata (sensu peterse)</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	<i>Pholoe assimilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0103	<i>Sigalion</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0107	<i>Sthenelais boa</i>	-	-	2	2	-	-	-	-	-	-	1	-	-	-
P0109	<i>Sthenelais limicola</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0114	Phyllodocidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0118	<i>Eteone longa</i>	-	-	10	13	-	1	-	-	-	-	-	-	-	-
P0122	<i>Hesionura elongata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0124	<i>Hypereteone foliosa</i>	-	-	-	-	-	-	1	-	-	-	-	-	-	-
P0127	<i>Mysta picta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0136	<i>Pseudomystides limbata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0139	<i>Anaitides</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0141	<i>Anaitides groenlandica</i>	-	-	2	-	-	-	-	-	-	-	-	-	-	-
P0142	<i>Anaitides lineata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0143	<i>Anaitides longipes</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	1
P0144	<i>Anaitides maculata</i>	-	-	-	1	-	-	-	-	-	-	1	-	-	-
P0145	<i>Anaitides mucosa</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-
P0146	<i>Anaitides rosea</i>	-	-	-	-	-	1	1	-	-	-	-	2	-	5
P0150	<i>Eulalia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0155	<i>Eulalia mustela</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-

SDC Code	StationCode	778	779	780	781	782	785	786	787	788	789	792	793	794	795
P0156	<i>Eulalia ornata</i>	-	-	-	-	-	-	-	-	-	1	-	-	-	-
P0163	<i>Eumida</i>	-	-	-	1	-	-	-	-	-	-	1	-	-	1
P0164	<i>Eumida bahusiensis</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	6
P0167	<i>Eumida sanguinea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0255	<i>Glycera</i>	1	-	-	9	-	4	-	-	5	2	8	7	6	12
P0256	<i>Glycera alba</i>	-	-	2	4	-	-	-	-	-	-	2	-	3	-
P0260	<i>Glycera lapidum</i>	-	-	4	3	4	2	1	2	-	2	1	4	2	4
P0262	<i>Glycera oxycephala</i>	-	-	-	-	-	1	3	1	-	-	-	-	-	-
P0266	Goniadidae	-	-	-	5	-	-	-	-	1	-	2	-	13	4
P0268	<i>Glycinde nordmanni</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0271	<i>Goniada maculata</i>	-	-	4	2	-	1	-	-	4	-	-	1	13	1
P0291	<i>Sphaerodorium gracilis</i>	-	-	-	-	-	-	1	-	1	-	3	-	-	1
P0300	<i>Gyptis propinqua</i>	-	-	3	-	-	-	-	-	-	-	-	-	-	-
P0305	<i>Psamathe fusca</i>	-	-	-	-	-	-	-	-	-	-	1	-	-	-
P0311	<i>Nereimyra punctata</i>	-	-	2	1	-	-	1	-	-	-	1	-	-	-
P0313	<i>Ophiiodromus flexuosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0317	<i>Ophiiodromus pallidus</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-
P0319	<i>Podarkeopsis capensis</i>	-	-	5	8	-	-	-	-	-	-	-	-	-	-
P0333	<i>Micropthalmus similis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0358	<i>Syllis (Type D)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0358	<i>Syllis (Type E)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0358	<i>Syllis (Type H)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0349	<i>Syllis cornuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0360	<i>Syllis gracilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0380	<i>Eusyllis blomstrandii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0387	<i>Odontosyllis fulgurans</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0391	<i>Opisthodonta pterochaeta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0402	<i>Streptosyllis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0403	<i>Streptosyllis bidentata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Syllides japonicus</i>	-	-	-	1	-	-	-	-	-	-	1	-	-	2
P0411	<i>Brania</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0421	<i>Exogone hebes</i>	1	-	-	-	-	-	-	-	-	-	-	-	-	-
P0422	<i>Exogone naidina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0423	<i>Exogone verugera</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
P0425	<i>Sphaerosyllis bulbosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0430	<i>Sphaerosyllis taylora</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	1
P0434	<i>Autolytus</i>	-	-	2	-	-	-	-	-	-	-	1	1	-	-
P0451	<i>Proceraea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0457	<i>Procerastea nematodes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0458	Nereididae	-	-	2	1	-	1	-	-	-	-	5	-	1	2
P0475	<i>Eunereis longissima</i>	-	-	3	7	-	-	-	1	-	-	2	-	1	-
P0478	<i>Nereis zonata</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-
P0493	<i>Aglaophamus rubella</i>	-	-	-	-	-	1	2	1	-	2	-	-	-	1
P0494	<i>Nephtys</i>	-	1	-	1	-	-	-	-	1	-	-	-	1	2
P0495	<i>Nephtys assimilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0496	<i>Nephtys caeca</i>	-	-	-	-	-	-	-	-	-	-	1	-	-	-
P0498	<i>Nephtys cirrosa</i>	-	4	-	-	-	-	-	-	-	-	-	3	-	-
P0499	<i>Nephtys hombergii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0502	<i>Nephtys kersivalensis</i>	-	-	-	3	-	-	-	-	-	-	-	-	-	-
P0503	<i>Nephtys longosetosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0563	<i>Marphysa</i>	-	-	-	-	-	1	-	-	-	-	-	-	-	-
P0564	<i>Marphysa bellii</i>	1	-	-	1	-	-	-	-	-	-	-	-	-	2
P0568	<i>Nematonereis unicornis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0569	Lumbrineridae	-	-	-	-	-	-	-	-	-	-	-	-	2	-
	<i>Lumbrineris cingulata</i>	-	-	20	13	3	2	3	-	-	-	2	3	8	4
P0584	<i>Scoletoma impatiens</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0633	<i>Parougia caeca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0638	<i>Protodorvillea kefersteini</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0642	<i>Schistomeringos neglecta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0643	<i>Schistomeringos rudolphi</i>	-	-	3	-	-	-	-	-	-	-	4	-	1	1
P0665	<i>Orbinia sertulata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0672	<i>Scoloplos armiger</i>	-	-	-	-	-	22	5	-	1	2	2	-	-	-
P0674	Paraonidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0677	<i>Aricidea minuta</i>	-	-	-	-	-	-	-	-	-	1	-	-	-	-
P0678	<i>Aricidea wassi</i>	-	-	-	-	-	-	-	-	5	-	-	-	-	-
P0691	<i>Cirrophorus furcatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0699	<i>Paradoneis lyra</i>	-	-	-	-	-	-	-	-	-	-	1	-	-	-
P0718	<i>Poecilochaetus serpens</i>	-	-	-	1	-	-	1	-	-	-	1	-	-	-
P0720	Spionidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0722	<i>Aonides oxycephala</i>	-	-	4	3	2	-	-	-	-	-	-	-	2	3
P0723	<i>Aonides paucibranchiata</i>	5	-	-	-	1	5	1	1	-	2	-	5	1	1
	<i>Atherospio guillei</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-
P0733	<i>Laonice bahusiensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0747	<i>Minuspio cirrifera</i>	1	-	-	2	-	-	-	-	-	-	1	-	-	-
P0750	<i>Polydora caeca</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0751	<i>Polydora caulleryi</i>	-	-	-	1	-	-	-	-	-	-	1	2	-	-



SDC Code	StationCode	778	779	780	781	782	785	786	787	788	789	792	793	794	795
P1362	<b>Spirorbidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1469	<i>Limnodriloides</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1498	<i>Tubificoides pseudogaster</i>	-	-	-	7	-	-	-	-	2	1	6	-	-	-
P1524	<i>Grania</i>	-	-	-	2	-	1	1	-	2	-	13	1	-	5
Q0005	<i>Nymphon brevirostre</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0015	<i>Achelia echinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0031	<b>Callipallenidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0033	<i>Callipallene brevirostris</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0044	<i>Anoplodactylus petiolatus</i>	-	-	-	-	-	-	-	-	-	-	6	-	-	5
Q0054	<b>ACARINA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0068	<i>Elminius modestus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0077	<i>Balanus crenatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0142	<b>COPEPODA</b>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
R2412	<b>OSTRACODA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0006	<i>Nebalia bipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0008	<i>Nebalia herbsti</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0018	<i>Rissooides desmaresti</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-
S0025	<b>MYSIDACEA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0034	<i>Siriella armata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0044	<i>Gastrosaccus spinifer</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0064	<i>Mysidopsis (Type A)</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0070	<i>Acanthomysis longicornis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0074	<i>Mesopodopsis slabberi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0076	<i>Neomysis integer</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0086	<i>Schistomysis kervillei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0087	<i>Schistomysis ornata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0089	<i>Schistomysis spiritus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0092	<i>Heteromysis formosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0102	<i>Apherusa bispinosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0106	<i>Apherusa jurinei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0107	<i>Apherusa ovalipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0131	<i>Periocolodes longimanus</i>	-	-	-	-	-	-	1	-	-	-	-	-	-	-
S0133	<i>Pontocrates altamarinus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0134	<i>Pontocrates arcticus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0135	<i>Pontocrates arenarius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0138	<i>Synchelidium maculatum</i>	-	-	-	-	-	-	1	-	-	-	-	-	-	-
S0159	<i>Amphilocheus neapolitanus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0177	<i>Leucothoe incisa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0178	<i>Leucothoe lilljeborgi</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-
	<i>Leucothoe richiardi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0213	<i>Stenothoe marina</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-
S0246	<i>Urothoe</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0247	<i>Urothoe brevicornis</i>	-	2	-	-	-	-	-	-	-	2	-	-	-	-
S0248	<i>Urothoe elegans</i>	2	-	1	1	3	-	-	-	-	-	7	8	-	16
S0249	<i>Urothoe marina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0250	<i>Urothoe poseidonis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0251	<i>Urothoe pulchella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0254	<i>Harpinia antennaria</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0257	<i>Harpinia pectinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0271	<b>Lysianassidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0275	<i>Acidostoma obesum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0296	<i>Hippomedon denticulatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0301	<i>Lepidepecreum longicorne</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0320	<i>Orchomene humilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0321	<i>Orchomenella nana</i>	-	-	-	-	-	-	-	-	-	-	1	-	-	-
S0337	<i>Tmetonyx similis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0380	<i>Iphimedia minuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0410	<i>Atylus falcatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0412	<i>Atylus swammerdamei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0423	<i>Ampelisca</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	-
S0429	<i>Ampelisca diadema</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0438	<i>Ampelisca spinipes</i>	-	-	-	11	5	-	5	-	1	-	13	-	1	17
S0451	<i>Bathyporeia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0452	<i>Bathyporeia elegans</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0453	<i>Bathyporeia gracilis</i>	-	1	-	-	-	-	-	-	-	-	-	-	-	-
S0454	<i>Bathyporeia guilliamsoniana</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0456	<i>Bathyporeia pelagica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0457	<i>Bathyporeia pilosa</i>	-	-	-	-	-	-	-	-	-	-	-	1	-	-
S0458	<i>Bathyporeia sarsi</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	-
S0459	<i>Bathyporeia tenuipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0462	<i>Haustorius arenarius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0464	<b>Gammaridae</b>	-	-	-	-	-	-	-	-	-	-	2	-	-	-
S0489	<i>Megaluropus agilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0495	<b>Melitidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S0498	<i>Abludomelita obtusata</i>	1	1	-	6	7	-	-	1	5	-	6	-	-	11
S0503	<i>Cheirocratus</i>	-	-	-	-	1	-	-	-	1	-	3	-	-	-































SDC Code	StationCode	812	813	814	815	816	817	818	819	820	821	822	823	825
P1362	<b>Spirorbidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
P1469	<i>Limnodriloides</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
P1498	<i>Tubificoides pseudogaster</i>	-	-	16	3	-	2	-	9	10	-	1	-	-
P1524	<i>Grania</i>	-	-	3	-	-	1	-	4	-	-	2	-	-
Q0005	<i>Nymphon brevistrore</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0015	<i>Achelia echinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0031	<b>Callipallenidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0033	<i>Callipallene brevistrostris</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0044	<i>Anoplodactylus petiolatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Q0054	<b>ACARINA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
R0068	<i>Elminius modestus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
R0077	<i>Balanus crenatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
R0142	<b>COPEPODA</b>	-	-	-	-	-	-	-	-	2	-	-	-	-
R2412	<b>OSTRACODA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0006	<i>Nebalia bipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0008	<i>Nebalia herbsti</i>	-	-	1	-	-	-	-	-	-	-	-	-	-
S0018	<i>Rissoides desmaresti</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0025	<b>MYSIDACEA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0034	<i>Siriella armata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0044	<i>Gastrosaccus spinifer</i>	-	-	1	-	1	-	-	-	-	-	-	-	-
S0064	<b>Mysidopsis (Type A)</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0070	<i>Acanthomysis longicornis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0074	<i>Mesopodopsis slabberi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0076	<i>Neomysis integer</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0086	<i>Schistomysis kervillei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0087	<i>Schistomysis ornata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0089	<i>Schistomysis spiritus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0092	<i>Heteromysis formosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0102	<i>Apherusa bispinosa</i>	-	-	-	-	-	-	-	-	1	-	-	-	-
S0106	<i>Apherusa jurinei</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0107	<i>Apherusa ovalipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0131	<i>Perioculodes longimanus</i>	3	-	-	-	-	-	-	-	-	-	-	-	-
S0133	<i>Pontocrates altamarinus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0134	<i>Pontocrates arcticus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0135	<i>Pontocrates arenarius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0138	<i>Synchelidium maculatum</i>	1	-	-	-	-	-	-	-	-	-	-	-	-
S0159	<i>Amphilocheus neapolitanus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0177	<i>Leucothoe incisa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0178	<i>Leucothoe lilljeborgi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Leucothoe richiardii</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0213	<i>Stenothoe marina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0246	<b>Urothoe</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0247	<i>Urothoe brevicornis</i>	-	-	-	-	1	-	-	-	-	-	-	-	-
S0248	<i>Urothoe elegans</i>	7	-	4	2	-	3	-	-	-	-	1	-	-
S0249	<i>Urothoe marina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0250	<i>Urothoe poseidonis</i>	3	1	-	-	-	-	-	-	-	-	-	-	-
S0251	<i>Urothoe pulchella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0254	<i>Harpinia antennaria</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0257	<i>Harpinia pectinata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0271	<b>Lysianassidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0275	<i>Acidostoma obesum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0296	<i>Hippomedon denticulatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0301	<i>Lepidepecreum longicorne</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0320	<i>Orchomene humilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0321	<i>Orchomenella nana</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0337	<i>Tmetonyx similis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0380	<i>Iphimedia minuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0410	<i>Atylus falcatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0412	<i>Atylus swammerdamei</i>	-	-	-	-	1	-	-	-	1	-	-	-	-
S0423	<i>Ampelisca</i>	-	-	-	-	-	2	-	-	-	-	-	-	-
S0429	<i>Ampelisca diadema</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0438	<i>Ampelisca spinipes</i>	-	-	-	-	-	1	-	-	3	1	-	-	-
S0451	<b>Bathyporeia</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0452	<i>Bathyporeia elegans</i>	-	1	-	-	1	-	-	-	1	-	-	-	-
S0453	<i>Bathyporeia gracilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0454	<i>Bathyporeia guilliamsoniana</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0456	<i>Bathyporeia pelagica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0457	<i>Bathyporeia pilosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0458	<i>Bathyporeia sarsi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0459	<i>Bathyporeia tenuipes</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0462	<i>Haustorius arenarius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0464	<b>Gammaridae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0489	<i>Megaluropus agilis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0495	<b>Melitidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
S0498	<i>Abludomelita obtusata</i>	3	-	-	-	-	-	-	-	43	-	3	-	3
S0503	<i>Cheirocratus</i>	-	-	-	-	-	-	-	-	-	-	3	-	1



SDC Code	StationCode	812	813	814	815	816	817	818	819	820	821	822	823	825
S1555	<i>Atelecyclus rotundatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S1559	<i>Thia scutellata</i>	-	-	-	1	-	-	-	-	-	-	-	-	-
S1566	<i>Cancer pagurus</i>	-	-	-	-	-	-	-	4	-	-	-	-	-
S1577	<i>Liocarcinus</i>	-	-	-	-	-	-	-	-	2	-	-	-	-
S1580	<i>Liocarcinus depurator</i>	-	-	-	-	-	-	-	-	-	1	-	-	-
S1581	<i>Liocarcinus holsatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S1584	<i>Liocarcinus pusillus</i>	-	-	-	-	-	-	-	-	1	-	-	-	-
S1589	<i>Necora puber</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S1615	<i>Pilumnus hirtellus</i>	-	-	-	-	-	3	-	3	-	-	-	-	-
S1638	<i>Pinnotheres pisum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W0053	<i>Leptochiton asellus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W0088	<b>GASTROPODA</b>	-	-	-	2	-	-	-	-	-	-	-	-	-
W0410	<i>Hyala vitrea</i>	-	-	-	-	-	-	-	-	1	-	-	-	-
W0421	<i>Tornus subcarinatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W0418	<i>Caecum glabrum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W0439	<i>Crepidula fornicata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W0491	<i>Polinices pulchellus</i>	14	-	2	12	1	1	-	-	1	2	4	1	9
W0543	<i>Epitonium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W0549	<i>Epitonium clathrus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W0556	<i>Epitonium clathratulum</i>	-	-	-	-	-	1	-	-	-	1	-	-	-
W0708	<i>Buccinum undatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W0597	<i>Graphis albida</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
	<i>Turbonilla acuta</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W0908	<i>Odostomia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W0992	<i>Eulimella laevis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1036	<i>Philine</i>	-	-	1	-	-	-	-	-	-	-	-	-	-
W1243	<b>NUDIBRANCHIA</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1319	<b>Onchidorididae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1325	<i>Onchidoris muricata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1270	<i>Doto</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1292	<i>Embletonia pulchra</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1482	<b>Aeoliidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1445	<i>Eubranchus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1467	<i>Facelina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1560	<b>PELECYPODA</b>	-	-	-	-	-	1	-	-	-	-	-	-	-
W1565	<i>Nucula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1568	<i>Nucula hanleyi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1569	<i>Nucula nitidosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1570	<i>Nucula nucleus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1691	<b>Mytilidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1695	<i>Mytilus edulis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1768	<b>Pectinidae</b>	-	-	-	-	-	-	-	-	-	-	2	-	4
W1773	<i>Aequipecten opercularis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1864	<i>Diplodonta rotundata</i>	-	-	3	-	-	-	-	-	-	-	-	-	-
W1882	<i>Semierycina nitida</i>	-	-	-	-	-	-	-	-	-	6	-	-	-
W1887	<i>Lepton squamosum</i>	-	-	-	-	-	-	-	-	-	1	-	-	-
W1892	<i>Montacuta substriata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1906	<i>Kurtiella bidentata</i>	4	-	4	2	-	-	-	4	-	2	-	-	1
W1902	<i>Tellinmya ferruginosa</i>	1	-	1	2	-	4	-	-	-	-	-	-	-
W1929	<i>Goodallia triangularis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1938	<b>Cardiidae</b>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1973	<i>Spisula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1975	<i>Spisula elliptica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1977	<i>Spisula solida</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1996	<i>Ensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1998	<i>Ensis arcuatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1999	<i>Ensis ensis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2006	<i>Phaxas pellucidus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2019	<i>Fabulina fabula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2021	<i>Moerella donacina</i>	-	-	-	1	-	-	-	-	-	-	-	-	-
W2023	<i>Moerella pygmaea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2041	<i>Donax vittatus</i>	-	-	-	-	1	-	-	-	-	-	-	-	-
W2058	<i>Abra</i>	-	-	-	-	-	-	-	-	-	-	5	-	1
W2059	<i>Abra alba</i>	-	1	-	-	-	-	-	-	12	74	1	-	45
W2062	<i>Abra prismatica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2126	<i>Dosinia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2104	<i>Timoclea ovata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2137	<i>Petricola pholadiformis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2227	<i>Thracia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2231	<i>Thracia phaseolina</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0013	<i>Crisia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0064	<i>Lichenopora verrucaria</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0076	<i>Alcyonidium diaphanum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0080	<i>Alcyonidium mytili</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0081	<i>Alcyonidium parasiticum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0119	<i>Triticella flava</i>	-	-	-	-	-	-	-	P	-	-	-	-	P





**Appendix Table 10.** Table summarising the biomass of macrofauna (>1mm) extracted from the sediments of 643 stations in the zonal area. The data are expressed as grams Ash Free Dry Weight (AFDW) per 0.1 m<sup>2</sup> Hamon grab sample and have been calculated from blotted wet weight using conversion factors as outlined in Eleftheriou & Basford (1989). Grid stations shown in blue with targeted stations highlighted in red.

Station	Annelida	Crustacea	Mollusca	Echinodermata	Miscellanea
1	0.0171	0.0024	0.0013	0.0001	0.0000
2	0.0086	0.0004	0.0611	0.0012	0.0000
3	0.0285	0.0013	0.0024	0.0073	0.0000
4	0.0082	0.0027	0.0090	0.0005	0.0000
5	0.0499	0.0030	0.0187	0.0013	0.0000
6	0.0297	0.0005	0.0069	0.0140	0.0000
7	0.0164	0.0012	0.0539	0.0000	0.0000
8	0.0217	0.0014	0.0010	0.0097	0.0000
9	0.0204	0.0001	0.0001	0.0006	0.0001
10	0.0101	0.0013	0.0275	0.0000	0.0000
11	0.0117	0.0031	0.0045	0.0000	0.0000
12	0.0539	0.0025	0.0299	0.0001	0.0021
13	0.0100	0.0004	0.0219	0.0010	0.0000
14	0.0287	0.0002	0.0179	0.0000	0.0000
15	0.0226	0.0013	0.0193	0.0000	0.0000
16	0.0252	0.0026	0.0271	0.1847	0.0000
17	0.0553	0.0021	0.2383	0.0000	0.0000
18	0.0344	0.0002	0.0083	0.0013	0.0001
19	0.0478	0.0010	0.0341	0.0402	0.0000
20	0.0356	0.0000	0.0273	0.0000	0.0000
21	0.0293	0.0010	0.0000	0.0000	0.0421
22	0.0387	0.0087	0.0270	0.0000	0.0000
23	0.0328	0.0011	0.0224	0.0323	0.0000
24	0.0227	0.0014	0.0006	0.0000	0.0483
25	0.1464	0.0003	0.0146	0.0064	0.0000
26	0.0623	0.0003	0.0083	0.0641	0.0000
27	0.0263	0.0014	0.0345	0.0006	0.0000
28	0.0267	0.0000	0.4052	0.0005	0.1062
29	0.0480	0.0003	0.0014	0.0016	0.0000
30	0.0027	0.0004	0.0503	0.7089	0.0000
31	0.0054	0.0217	0.0352	0.0001	0.0000
32	0.0253	0.0038	0.0000	0.0000	0.0000
33	0.0167	0.0000	0.0303	0.0012	0.1001
34	0.0099	0.0003	0.0105	0.0045	0.0000
35	0.0258	0.0027	0.0141	0.0036	0.0000
36	0.0413	0.0012	0.0158	0.0000	0.0001
37	0.0570	0.0002	0.0330	0.0004	0.0000
38	0.0706	0.0012	0.0263	0.0164	0.0000
39	0.0069	0.0007	0.0037	0.0000	0.0000
40	0.0018	0.0014	0.0252	0.0183	0.0000
41	0.0188	0.0000	0.0571	0.0075	0.0204
42	0.0369	0.0004	0.0146	0.2218	0.0000
43	0.0117	0.0003	0.0251	0.0012	0.0000
44	0.0048	0.0007	0.0088	0.0096	0.0001
45	0.0207	0.0043	0.0000	0.0000	0.0490
46	0.0245	0.0054	0.0050	0.0000	0.0728
47	0.0068	0.0041	0.0188	0.0001	0.0010
48	0.0399	0.0038	0.2433	0.0001	0.0493
49	0.0155	0.0005	0.0059	0.0014	0.0000
50	0.0627	0.0000	0.2955	0.2613	0.0000
51	0.0133	0.0002	0.0000	0.0000	0.0527
52	0.1023	0.0032	0.0044	0.0003	0.0000
53	0.2451	0.0006	0.0019	0.0697	0.0000
54	0.0183	0.0017	0.0714	0.0710	0.0000
56	0.0060	0.0047	0.0038	0.0951	0.1032
57	0.0903	0.0008	0.0000	0.0003	0.0000
58	0.0148	0.0030	0.0089	0.0017	0.0000
59	0.0257	0.0075	0.0363	0.0000	0.0000
60	0.0069	0.0041	0.0070	0.1603	0.0000
61	2.0361	0.2220	0.0007	0.0222	0.0257
62	0.0482	0.0020	0.0080	0.0190	0.0002
63	0.0220	0.1698	0.1371	0.0000	0.0000
64	0.0695	0.0007	0.0000	0.0001	0.0676
65	0.0265	0.0057	0.0117	0.0021	0.1117
66	0.0091	0.0042	0.0276	0.4986	0.0110
67	0.0059	0.0008	0.0204	0.0000	0.0000

Station	Annelida	Crustacea	Mollusca	Echinodermata	Miscellanea
68	0.0392	0.0081	0.0001	0.0049	0.0000
69	0.0471	0.0027	0.0100	0.0052	0.2081
70	1.2017	1.1275	0.6986	0.1563	0.3739
71	0.0234	0.0026	0.0086	0.0012	0.0007
72	0.0353	0.0033	0.0047	0.0000	0.0534
73	0.0423	0.0009	0.0012	0.0001	0.0709
74	0.0346	0.0000	0.0792	0.0005	0.0008
75	0.0123	0.0005	0.0233	0.0000	0.0283
76	0.0057	0.0030	0.0566	0.1995	0.0009
77	0.0199	0.0000	0.0080	0.0000	0.0914
78	0.0283	0.0660	0.0104	0.0083	0.0000
79	0.1116	0.0048	0.0004	0.0007	0.0007
80	0.1045	0.0053	0.0710	0.0136	0.0005
81	0.0078	0.0042	0.1084	0.0000	0.0000
82	0.0580	0.0026	0.1134	0.0000	0.0000
83	0.0533	0.0022	0.0001	0.0000	0.0794
84	0.1380	0.0907	0.0185	0.0314	0.0035
85	0.0692	0.0022	0.0151	0.0013	0.0000
86	0.0221	0.0011	0.0044	0.0001	0.0002
87	0.0186	0.0013	0.0457	0.0027	0.0000
88	0.0105	0.0002	0.0066	0.0112	0.0000
89	0.0411	0.0011	0.1207	0.1046	0.1235
90	0.0286	0.0050	0.0148	0.0074	0.0000
91	0.0565	0.0022	0.0000	0.0000	0.0005
92	0.0279	0.0014	0.0333	0.0666	0.0000
93	0.0233	0.0069	0.0046	0.0032	0.0000
94	0.0142	0.0027	0.0020	0.0477	0.0000
95	0.2891	0.0046	0.0069	0.0026	0.0000
96	0.0269	0.0011	0.0076	0.0009	0.0000
97	0.0310	0.0001	0.0031	0.0237	0.0002
98	0.0529	0.0015	0.0218	0.0100	0.0001
99	0.1409	0.0030	0.2109	0.0002	0.0021
100	0.8556	1.7938	0.0137	0.0942	0.1268
101	0.0200	0.0000	0.0000	0.0005	0.0000
102	0.0237	0.0009	0.0009	0.0001	0.0000
103	0.1298	0.0000	0.0000	0.0001	0.0000
104	0.0729	0.0004	0.0030	0.0000	0.0715
105	0.0211	0.0036	0.0097	0.0038	0.0010
106	0.0090	0.0072	0.0013	2.6117	0.0089
107	0.0498	0.0113	0.3318	0.0785	0.0000
108	0.0316	0.0046	0.2381	0.0001	0.0015
109	0.2393	0.0061	0.0095	0.0080	0.4491
110	0.0291	0.0018	0.0272	0.0430	0.0000
111	0.0245	0.0032	0.0001	0.0556	0.0478
112	0.0156	0.0036	0.0655	0.0012	0.0000
113	0.0812	0.0022	0.0000	0.0000	0.0000
114	0.0354	0.0169	0.0003	0.0023	0.0058
115	0.0172	0.0004	0.0066	0.0261	0.0000
116	0.0148	0.0014	0.1154	0.0000	0.0000
117	0.1420	0.0062	0.1464	0.0019	0.0025
118	0.0229	0.0006	0.0040	0.0167	0.0787
119	0.0255	0.0002	0.0033	0.0001	0.0000
120	0.0482	0.0040	0.1442	0.0020	0.0024
121	0.0927	0.0002	0.0000	0.0000	0.0000
122	0.1501	0.0011	0.0012	0.1900	0.0000
123	0.0807	0.0000	0.0001	0.0056	0.0000
124	0.0612	0.0019	0.0094	0.0144	0.0000
125	0.0377	0.0027	0.0004	0.0124	0.0000
126	0.0863	0.0060	0.0000	0.0000	0.0089
127	0.0230	0.0046	0.0124	0.2436	0.0000
128	0.0288	0.0005	0.0000	0.0017	0.0000
129	0.0143	0.0043	0.0055	0.3066	0.0000
130	0.0504	0.0036	0.0144	0.0000	0.0000
131	0.0498	0.0115	0.0583	0.0010	0.0000
132	0.0350	0.0008	0.0080	0.6085	0.0003
133	0.0516	0.0060	0.0414	0.0053	0.0006
134	0.4445	0.0000	0.0001	0.0001	0.0007
135	0.0226	0.0029	0.3954	0.0000	0.0000
136	0.0231	0.0054	0.0018	0.0023	0.1372
137	0.0433	0.0084	0.0057	0.0277	0.0000
138	0.0340	0.0039	0.0096	0.2429	0.0000

Station	Annelida	Crustacea	Mollusca	Echinodermata	Miscellanea
139	0.0227	0.0063	0.0039	1.7672	0.0000
140	0.0657	0.0000	0.0051	0.0000	0.0104
141	0.0321	0.0058	0.4038	0.0000	0.0001
142	0.0296	0.0002	0.0015	0.0871	0.0000
143	0.1511	0.0067	0.0251	0.0879	0.0027
144	0.0778	0.0040	0.0002	0.0000	0.1840
145	0.1222	0.0007	0.0011	0.1253	0.0014
146	0.2303	0.0000	0.0016	0.0049	0.0008
147	0.0047	0.0011	0.0037	0.0000	0.0000
148	0.0915	0.0032	0.0027	0.0007	0.0004
149	0.0530	0.0057	0.0214	0.4832	0.0000
150	0.0323	0.0029	0.0050	0.0000	1.0461
151	0.0587	0.0003	0.0043	0.0230	0.0002
152	0.0343	0.0025	0.0000	0.0604	0.0803
153	0.1871	0.0008	0.0017	0.0014	0.0006
154	0.0351	0.0020	0.0129	0.0141	0.0000
155	0.1228	0.0081	0.0073	0.2718	0.0003
156	0.0765	0.0020	0.0000	0.0046	0.0002
157	0.0921	0.0780	0.0080	0.0014	0.0007
158	0.0846	0.0035	0.0186	0.0633	0.0000
159	0.0208	0.0033	0.0084	0.0353	0.0001
160	0.0473	0.0085	0.0878	0.2102	0.0193
161	0.0255	0.0036	0.0076	0.0027	0.0000
162	0.8445	0.0748	0.0120	10.3185	0.1281
163	0.3159	0.0043	0.0036	0.7867	0.0004
164	0.0397	0.0008	0.0022	0.0001	0.0209
165	0.0457	0.0020	0.0108	0.0068	0.0000
166	0.0346	0.0011	0.0112	2.6792	0.0000
167	0.0545	0.0071	0.0161	0.0204	0.0000
168	0.0055	0.0131	0.0012	0.0579	0.0002
169	0.0595	0.0281	0.0008	0.0108	0.0504
170	0.0312	0.0054	0.0002	0.0596	0.0227
171	0.0829	0.0013	0.0032	0.0821	0.0447
172	0.0680	0.0043	0.0350	0.0294	0.0001
173	0.0613	0.0029	0.0475	0.0913	0.0002
174	0.1206	0.0000	0.0000	0.0000	0.0006
175	0.0393	0.0000	0.0167	0.0360	0.0000
176	0.0282	0.0000	0.0014	0.0000	0.0000
177	0.1633	0.0000	0.0002	0.0565	0.0000
178	0.2015	0.0053	0.0095	1.1568	0.0000
179	0.0987	0.0015	0.0020	0.1153	0.0007
180	0.0127	0.0069	0.0013	1.5378	0.0001
181	0.0098	0.0000	0.0000	0.0000	0.0000
182	0.0260	0.0009	0.0022	0.0001	0.0000
183	0.0184	0.0005	0.0035	0.0521	0.0000
184	0.0218	0.0002	0.0010	0.0634	0.0119
185	0.0800	0.0032	0.0167	0.0430	0.0001
186	0.0540	0.0006	0.0032	0.3062	0.0008
187	0.0353	0.0000	0.0000	0.0000	0.0000
188	0.0206	0.0060	0.0003	0.0001	0.0006
189	0.1097	0.0030	0.0052	0.0816	0.0000
190	0.0581	0.0025	0.0031	0.0315	0.0015
191	0.0168	0.0000	0.0003	0.0000	0.0000
192	0.0246	0.0026	0.0086	0.0000	0.0000
193	0.0292	0.0000	0.0083	0.2512	0.0000
194	0.0177	0.0000	0.0712	0.0007	0.0001
195	0.1175	0.0005	0.0117	0.0018	0.0019
196	0.0502	0.0018	0.0340	0.6402	0.0024
197	0.3148	0.0014	0.0017	0.0667	0.0031
198	0.0306	0.0072	0.0102	0.1673	0.0000
199	0.1529	0.0014	0.0019	0.0049	0.0001
200	0.0404	0.0105	0.0032	0.0320	0.0000
201	0.0323	0.0002	0.0273	0.3666	0.0025
208	0.0633	0.0063	0.0082	0.0000	0.0001
211	0.0084	0.0022	0.0470	0.3924	0.0011
212	0.0468	0.0004	0.0000	0.0118	0.0000
215	0.2251	0.0312	0.0002	0.0154	0.1790
216	0.0233	0.2305	0.0122	0.0000	0.0000
217	0.0881	0.0012	0.0150	0.0000	0.0000
218	0.0202	0.0173	0.0003	0.0210	0.0015
219	0.0247	0.0054	0.0001	0.0007	0.0000

Station	Annelida	Crustacea	Mollusca	Echinodermata	Miscellanea
220	0.3321	0.0363	0.0003	0.1321	0.0022
221	1.0804	0.1688	0.0003	0.0048	0.1342
222	0.0530	0.0007	0.0048	0.0458	0.0000
223	0.0561	0.0087	0.2593	0.0048	0.0000
224	0.2767	0.0063	0.2434	0.0002	0.0000
226	0.0101	0.0015	0.0000	0.0001	0.0000
227	0.0029	0.0000	0.0136	0.0081	0.0000
228	0.0121	0.0028	0.0113	0.0277	0.0000
229	0.0633	0.0004	0.0045	0.0046	0.0001
230	0.0073	0.0000	0.0000	0.0000	0.0000
233	0.1140	0.0061	0.0019	0.0010	0.0015
234	0.0514	0.0097	0.0000	0.0039	0.0006
235	0.0719	0.0150	0.0018	0.0019	0.0098
236	0.0678	0.0000	0.0139	2.0637	0.0005
237	0.0242	0.0013	0.0368	0.0420	0.0001
238	0.0424	0.0119	0.0000	0.0000	0.0000
239	1.0811	0.0001	0.0000	0.0010	0.0002
240	0.0119	0.0016	0.0201	0.0003	0.0000
241	0.0137	0.0036	0.2073	0.0004	0.0034
242	0.0817	0.0000	0.0468	0.0197	0.0000
243	0.0064	0.0013	0.0000	0.0201	0.0000
244	0.0168	0.0000	0.0000	0.0001	0.0001
245	0.0305	0.0261	0.0000	0.0000	0.0000
246	0.0159	0.0067	0.0000	0.0000	0.0000
247	0.0419	0.0092	0.0000	0.0000	0.0000
248	0.0750	0.0001	0.0000	0.0000	0.0000
249	0.0443	0.0000	0.2542	0.0144	0.0000
250	0.0478	0.0012	0.0041	0.0096	0.0006
251	0.0327	0.0063	0.2041	0.0047	0.0000
252	0.0293	0.0002	0.0000	0.0392	0.0005
253	0.1652	0.0028	0.4525	0.3723	0.0068
254	0.0008	0.0007	0.0000	0.0000	0.0000
255	0.0114	0.0021	0.0000	0.0000	0.0012
256	0.2862	0.0248	0.0000	0.0000	0.0000
257	0.0160	0.0224	0.0276	0.0012	0.0000
258	0.0608	0.0000	0.0019	0.0346	0.0000
259	0.0236	0.0226	0.0000	0.0040	0.0000
260	0.2072	0.1229	0.2899	0.0954	0.0027
261	0.0354	0.0007	0.2232	0.0030	0.0000
262	0.0491	0.1110	0.0161	0.0061	0.0000
263	0.0005	0.0088	0.0000	0.0000	0.0000
264	0.0022	0.0048	0.0000	0.0000	0.0000
265	0.0289	0.0020	0.0000	0.0000	0.0000
266	0.0498	0.0003	0.0269	0.5012	0.0019
267	0.1229	0.0019	0.0220	0.0749	0.0000
268	0.0046	0.0000	0.0000	0.0063	0.0000
269	0.0693	0.0000	0.0000	0.0002	0.0001
270	0.0072	0.0043	0.0012	0.1215	0.0000
271	0.6477	1.2350	0.0773	0.5282	0.8259
272	0.0237	0.0010	0.0000	0.0000	0.0015
273	0.0571	0.0033	0.0000	0.0248	0.0000
274	0.0397	0.0067	0.0000	0.0000	0.0000
275	0.1107	0.0000	0.0022	0.0860	0.0000
276	0.1043	0.0011	0.0000	0.1057	0.0001
277	0.0499	0.0060	0.0000	0.0022	0.0000
278	0.0499	0.0023	0.0223	1.3970	0.0000
279	0.1441	0.0040	0.0423	0.0354	0.0013
280	0.0503	0.0364	0.0000	0.0000	0.0000
281	0.0866	0.0209	0.0000	0.0000	0.0002
282	0.0134	0.0102	0.0066	0.0000	0.0000
283	0.0157	0.0003	0.0178	0.0149	0.0000
284	0.0826	0.0017	0.0000	0.0909	0.0002
285	0.2116	0.1028	0.0007	0.0072	0.0011
286	0.0557	0.0054	0.1594	0.0443	0.0208
287	0.0743	0.0009	0.0221	0.0035	0.0000
288	0.0811	0.2425	0.0725	0.0024	0.0005
289	0.0299	0.0011	0.0000	0.0000	0.0000
290	0.0306	0.0007	0.0000	0.0006	0.0000
291	0.0140	0.0174	0.0000	0.0000	0.0000
293	0.0229	0.0073	0.0000	0.0165	0.3783
294	0.0657	0.0170	0.0799	0.0906	0.0000

Station	Annelida	Crustacea	Mollusca	Echinodermata	Miscellanea
295	0.1338	0.0000	0.0000	0.2157	0.0005
296	0.0198	0.0006	0.0003	0.0000	0.0000
297	0.0129	0.0009	0.0000	0.0000	0.0000
298	0.1811	0.0049	0.0053	0.0000	0.0006
299	0.0071	0.0050	0.0000	0.0000	0.0000
300	0.4932	0.2989	0.0100	0.0103	0.4517
301	0.0171	0.0012	0.0000	0.0004	0.0000
302	0.0635	0.0000	0.0001	0.0107	0.0011
303	0.1216	0.0003	0.0000	0.0013	0.0000
304	0.0261	0.0009	0.1316	0.9926	0.0000
305	0.0038	0.0026	0.0000	0.0000	0.0000
306	0.0515	0.0151	0.0052	0.0002	0.0000
307	0.0551	0.0000	0.1144	0.0861	0.0001
308	0.0372	0.0005	0.0030	0.0003	0.0013
309	0.1056	0.0000	0.0052	0.0077	0.0004
310	0.0128	0.0003	0.0000	0.0001	0.0130
311	0.0321	0.0004	0.0551	0.2235	0.0000
312	0.0021	0.0009	0.0014	0.0018	0.0000
313	0.0239	0.0087	0.0000	0.0000	0.0000
314	0.1611	0.0001	0.0687	0.4266	0.0004
315	0.0634	0.0020	0.0006	1.3729	0.0000
316	0.0527	0.0048	0.0000	0.0072	0.0003
317	0.0788	0.0392	0.0001	0.0579	0.0003
318	0.0182	0.0027	0.0000	0.0501	0.0002
319	0.0589	0.0024	0.0000	0.0032	0.0000
320	0.0178	0.0000	0.0000	0.0000	0.0000
321	0.0645	0.0000	0.1771	0.2103	0.0000
322	0.0306	0.0000	0.0000	0.0107	0.0000
323	0.0991	0.0001	0.0000	0.0637	0.0000
324	0.2011	0.0050	0.3557	0.0135	0.0084
325	0.1081	0.0002	0.0010	0.0024	0.0001
326	0.0470	0.0016	0.0000	0.0000	0.0000
327	0.0365	0.0000	0.0005	0.0047	0.0000
328	0.2330	0.0048	0.0061	0.2170	0.0849
329	0.0069	0.0022	0.0026	0.0740	0.0001
330	0.1043	0.0011	0.0002	0.0112	0.0000
331	0.1008	0.0016	0.0017	0.0460	0.0959
332	0.1277	0.0000	0.0191	0.0030	0.0000
333	0.2385	0.0053	0.7525	0.0404	0.0022
334	0.1940	0.0003	0.0571	0.0051	0.0000
335	0.0693	0.0007	0.0000	0.0002	0.0000
336	0.0934	0.0381	0.0019	0.0000	0.0000
337	0.0228	0.0014	0.0023	0.0077	0.0000
338	0.1823	0.0016	0.0006	0.0062	0.0016
339	0.0049	0.0005	0.0014	0.0530	0.0000
340	0.0204	0.0032	0.0107	0.0697	0.0788
341	0.0227	0.0527	0.0552	0.0000	0.9581
342	0.0540	0.0605	0.3600	0.0012	0.0001
343	0.0653	0.0005	0.0813	0.0239	0.0021
344	0.0238	0.0040	0.0001	0.0000	0.0000
345	0.1316	0.0010	0.0034	0.4899	0.0000
346	0.0411	0.0008	0.0057	0.0322	0.0000
347	0.0859	1.4706	0.0003	0.0000	0.0000
348	0.1089	0.0001	0.1387	0.0002	0.0001
349	0.0298	0.1153	0.0000	0.1292	0.0003
350	0.0015	0.0000	0.0000	0.0000	0.0001
351	0.0064	0.0006	0.0002	0.0000	0.0000
352	0.0207	0.0002	0.1672	0.0230	0.0001
353	0.0279	0.1136	0.0000	0.0116	0.0032
355	0.0023	0.0001	0.0001	0.0000	0.0021
356	0.0715	0.0000	0.0001	0.0012	0.0015
357	0.0986	0.0110	0.0041	0.0012	0.0001
358	0.6021	0.0002	0.0053	0.0242	0.0000
359	0.0184	0.0001	0.2236	0.0021	0.0001
360	0.0183	0.0009	0.0004	0.0074	0.0000
361	0.0302	0.0043	0.0017	0.0000	0.0003
362	0.0879	0.0215	0.0084	0.0311	0.0000
363	0.0404	0.0011	0.0020	0.0306	0.0000
364	0.1696	0.0013	0.0001	0.0005	0.0171
365	0.0406	0.3702	0.0000	0.0037	0.0005
366	0.4592	0.0068	0.0078	0.0014	0.0143

Station	Annelida	Crustacea	Mollusca	Echinodermata	Miscellanea
367	0.0087	0.0007	0.0000	0.0007	0.0000
368	0.0525	0.0041	0.0002	0.0032	0.1831
369	0.1246	0.0031	0.0000	0.0006	0.0000
370	0.0384	0.0003	0.1291	0.0346	0.0369
371	0.0645	0.0007	0.0046	0.0098	0.0065
372	0.0193	0.0021	0.0024	0.0001	0.0002
373	0.0776	0.0000	0.0000	0.0026	0.0000
374	0.0557	0.1796	0.0000	0.0539	0.0001
375	0.1108	0.0003	0.0030	1.5721	0.0003
377	0.4521	0.0220	0.0010	0.0018	0.0359
378	0.0184	0.0002	0.0000	0.0011	0.0000
379	0.0254	0.0015	0.1645	0.0000	0.0000
380	0.1398	0.0038	0.0000	0.0000	0.0008
381	0.0451	0.0014	0.0000	0.0099	0.0018
384	0.0615	0.0020	0.3057	0.0090	0.0046
385	0.0314	0.0023	0.5031	0.0230	0.0001
386	0.0427	0.0066	0.0000	0.0106	0.0075
388	0.3384	0.0050	0.0000	0.0180	0.0001
389	0.0470	0.0006	0.0725	0.0000	0.0003
390	0.1075	0.0018	0.0000	0.0000	0.0000
391	0.3864	0.0852	0.0002	0.0172	0.0777
392	0.1338	0.0082	0.0048	0.0008	0.0127
393	0.0934	0.0913	0.0002	0.0131	0.0765
394	0.0270	0.0000	0.0000	0.0006	0.0000
395	0.0371	0.0094	0.0000	0.0431	0.0015
396	0.1087	0.0000	0.0000	0.0001	0.0004
397	0.0486	0.0005	0.0001	0.0373	0.0480
398	0.0640	0.0000	0.0000	0.0000	0.0001
399	0.1739	0.0067	0.2837	0.0029	0.0014
400	0.0135	0.0050	0.0000	0.0020	0.0002
401	0.0295	0.0000	0.0002	0.0002	0.0005
402	0.0305	0.0000	0.0040	0.0076	0.0018
403	0.0680	0.0003	0.0024	0.0140	0.0050
404	0.0445	0.0017	0.0001	0.0082	0.0000
406	0.0416	0.0307	0.0000	0.0262	0.0003
407	0.3148	0.0009	0.1482	0.0462	0.0166
408	0.0129	0.0045	0.0000	0.0136	0.0011
409	0.0360	0.0056	0.0414	0.0284	0.0183
410	0.0330	0.0045	0.1156	0.0031	0.0009
411	0.0546	0.1469	0.0000	0.0071	0.0003
412	0.2119	0.0000	0.0004	0.0116	0.0015
413	0.0771	0.0000	0.0005	0.0001	0.0000
414	0.2829	0.0043	0.0038	0.0096	0.0024
415	1.2426	0.2842	0.0044	0.0120	0.0426
416	0.0337	0.0000	0.0541	0.0000	0.0548
417	0.0524	0.0016	0.0007	0.0471	0.0002
418	0.1087	0.0000	0.1392	0.0168	0.0266
419	0.3496	0.0100	0.0001	0.0010	0.0100
420	0.5869	1.7727	0.0003	0.0295	0.0070
421	0.0274	0.0000	0.1244	0.0113	0.0007
422	0.0591	0.0052	0.0014	0.0014	0.0000
423	0.1349	0.0005	0.0000	0.0000	0.0021
424	0.0944	0.0733	0.0000	0.0085	0.0001
425	0.0024	0.0094	0.0000	0.0000	0.0000
426	0.0576	0.0222	0.0003	0.0000	0.0003
427	0.0517	0.0030	0.0001	0.0000	0.0002
428	0.0151	0.0000	0.0000	0.0004	0.0030
429	0.1685	0.0001	0.0006	0.0000	0.0024
430	0.0793	0.0014	0.0003	0.0957	0.0160
431	0.0158	0.0061	0.0000	0.0533	0.0001
432	0.0020	0.0004	0.3084	0.0007	0.0055
433	0.1694	0.0000	0.0000	0.0000	0.0001
434	0.0093	0.0000	0.0006	0.0003	0.0000
435	0.0341	0.0001	0.0008	0.0001	0.0000
436	0.0880	0.0024	0.0002	0.0000	0.0015
437	0.0141	0.0010	0.1880	0.0009	0.0000
438	0.0987	0.0000	0.0065	0.0028	0.0001
439	0.0007	0.0003	0.0000	0.0006	0.0002
440	0.0913	0.0023	0.0001	0.0101	0.0005
441	0.7272	0.1920	0.0832	0.0069	0.0395
442	0.0224	0.1224	0.0005	0.0012	0.0002

Station	Annelida	Crustacea	Mollusca	Echinodermata	Miscellanea
443	0.0231	0.0069	0.0001	0.0050	0.0009
444	0.3334	0.0013	0.0081	0.0379	0.0507
445	0.0387	0.0040	0.0015	0.0000	0.0065
446	0.0019	0.0001	0.0017	0.0000	0.0000
447	0.1522	0.0030	0.0451	0.0242	0.0077
448	0.0702	0.0054	0.0000	0.0000	0.0000
449	0.0594	0.0011	0.0010	0.0017	0.0018
450	0.0128	0.0039	0.0005	0.0000	0.0146
451	0.0442	0.0211	0.0054	0.0018	0.0030
452	0.0475	0.0015	0.0170	0.0147	0.0012
453	0.0536	0.0001	0.0446	0.0079	0.0001
454	0.0070	0.0000	0.0000	0.0010	0.0001
455	0.0105	0.0051	0.0002	0.0000	0.0001
456	0.0271	0.0000	0.0006	0.0160	0.0000
457	0.0518	0.0108	0.0031	0.0099	0.0013
458	0.1334	0.0012	0.0001	0.0014	0.0003
459	0.0773	0.0012	0.1881	0.0043	0.0000
460	0.3504	0.1872	0.0032	0.0444	0.0374
461	0.0442	0.0019	0.0005	0.0093	0.0011
462	0.0632	0.2202	0.0000	0.0227	0.0000
463	0.1781	0.0529	0.0033	0.0052	0.0772
464	0.0616	0.0013	0.0002	0.9062	0.0000
465	0.0141	0.0008	0.0009	0.0000	0.0000
466	0.0127	0.0276	0.0004	0.0000	0.0000
467	0.0259	0.0007	0.0023	0.0008	0.0003
468	0.0160	0.0021	0.0000	0.0006	0.0042
469	0.1361	0.0061	0.0002	0.0924	0.0563
470	0.0046	0.0051	0.0251	0.0161	0.0000
471	0.0119	0.0020	0.0000	0.0010	0.0441
472	0.0783	0.0015	0.0001	0.0100	0.0003
473	0.2310	0.0347	0.0316	0.0804	1.1783
474	0.0060	0.0504	0.0003	0.0000	0.0001
475	0.2947	0.0325	0.0009	0.2303	0.2117
476	0.7864	0.0233	0.0143	0.0824	0.0139
477	0.0015	0.0815	0.0000	0.0001	0.0000
478	0.0185	0.0004	0.0511	0.0000	0.6791
479	0.0496	0.0032	0.0005	0.1356	0.0018
480	0.0574	0.0037	0.0000	0.0088	0.0000
481	0.0561	0.0102	0.0005	0.0003	0.0000
482	0.1263	0.0347	0.0550	0.5649	0.0115
483	0.0054	0.0001	0.0001	0.0367	0.0019
484	0.0790	0.0000	0.0000	0.0018	0.0000
485	0.0409	0.0009	0.0008	0.0004	0.0007
487	0.0080	0.0053	0.0287	0.0335	0.0055
488	0.3248	0.0048	0.0013	0.0015	0.0003
489	0.0146	0.0059	0.0015	0.0187	0.0001
490	0.0056	0.0006	0.0006	0.0005	0.0000
491	0.0147	0.0025	0.0003	0.0180	0.0009
492	0.0228	0.0069	0.0015	0.0096	0.0221
493	0.0063	0.0258	0.0076	4.6022	0.0032
494	0.0109	0.0000	0.0003	0.0010	0.0000
495	0.0216	0.0000	0.0021	0.0109	0.0000
496	0.0139	0.0000	0.0003	0.0015	0.0000
497	0.0294	0.0000	0.0000	0.0000	0.0025
498	0.0416	0.0000	0.0013	0.0027	0.0000
499	0.0417	0.0000	0.0000	0.0081	0.0000
501	0.0126	0.0903	0.0005	0.0076	0.0031
502	0.0538	0.0022	0.0006	0.0088	0.0001
503	0.0115	0.0000	0.0417	0.0128	0.0000
504	0.0119	0.0002	0.0063	0.0980	0.0001
505	0.1180	0.0004	0.0010	0.0016	0.0000
506	0.0151	0.0042	0.0008	0.0147	0.0116
507	0.0060	0.0037	0.0359	0.0217	0.0023
508	0.0186	0.0007	0.0701	0.0269	0.0049
509	0.0068	0.0000	0.0052	0.0092	0.0000
510	0.0490	0.0120	0.0027	0.0077	0.0006
511	0.1283	0.0083	0.0033	0.0152	0.1681
512	0.1039	0.1369	0.0001	1.2717	0.0021
513	0.0224	0.0020	0.0809	0.0181	0.0145
514	0.0162	0.0076	0.0020	0.0145	0.0004
515	0.0600	0.0070	0.0061	0.0005	0.0526



Station	Annelida	Crustacea	Mollusca	Echinodermata	Miscellanea
516	0.0060	0.0000	0.0023	0.0004	0.0001
517	0.0614	0.0016	0.0136	0.0107	0.0001
518	0.0971	0.0009	0.0534	0.0110	0.0869
519	0.0304	0.0000	0.0000	0.0090	0.0000
520	0.0062	0.0057	0.0002	0.0000	0.0003
521	0.0259	0.0000	0.0004	0.0000	0.0000
522	0.0205	0.0001	0.0011	0.0212	0.0283
523	0.1057	0.0037	0.0026	0.0138	0.0033
524	0.0267	0.0005	0.0000	0.0055	0.0001
525	0.0374	0.1892	0.0022	0.0710	0.0001
526	0.0508	0.0005	0.0021	0.0002	0.0000
527	0.0294	0.0012	0.0000	0.0145	0.0007
528	0.0081	0.0229	0.0124	0.0055	0.0001
529	0.0093	0.0025	0.0008	0.0008	0.0000
530	0.0064	0.0007	0.0049	0.0031	0.0004
531	0.0291	0.0001	0.0008	0.0161	0.0011
532	0.0081	0.0007	0.0114	0.0549	0.0017
534	0.0142	0.0017	0.0020	0.8592	0.0013
535	0.0144	0.0005	0.0000	0.0000	0.0002
536	0.0517	0.0160	0.0028	0.0119	0.0009
537	0.0199	0.0012	0.0429	0.0022	0.0084
538	0.0469	0.0018	0.0000	0.0095	0.0278
539	0.0114	0.0000	0.0000	0.0000	0.0009
540	0.0777	0.0108	0.0062	0.0441	0.0000
541	0.8685	0.0149	0.1516	0.0090	0.0190
542	0.0145	0.0005	0.0000	0.0014	0.0002
543	0.0069	0.0000	0.0469	0.0430	0.0009
544	0.0065	0.0003	0.0015	0.0723	0.0004
545	0.0030	0.0016	0.0000	0.0008	0.0000
546	0.0168	0.0477	0.0023	0.0057	0.0192
547	0.2382	0.1796	0.0062	0.1672	0.0012
548	0.0053	0.0084	0.0002	0.0019	0.0000
549	0.0628	0.0040	0.0012	0.0006	0.0000
550	0.0083	0.0000	0.0028	0.0042	0.0000
551	0.0151	0.0001	0.0458	0.0002	0.0000
552	0.0011	0.0036	0.0025	0.0016	0.0000
554	0.0004	0.0009	0.0028	0.0059	0.0000
555	0.0820	0.0002	0.0039	0.0036	0.0003
556	0.0292	0.0046	0.0039	0.0010	0.0000
557	0.1025	0.0329	0.0001	0.0098	0.0106
558	0.0166	0.0008	0.0000	0.0427	0.0000
559	0.2343	0.0064	0.0011	0.0283	0.0004
561	0.0146	0.0002	0.2204	0.0014	0.0005
566	0.2571	0.0001	0.0037	0.0212	0.0001
571	0.0258	0.0048	0.0044	0.0840	0.0003
577	0.0261	0.0052	0.0036	0.0485	0.0015
579	0.0073	0.0045	0.0015	0.0000	0.0001
585	0.0977	0.0000	0.0077	0.0000	0.0004
589	0.0257	0.0004	0.0001	0.0076	0.0147
599	0.0114	1.6268	0.0096	0.1052	0.0137
601	0.0185	0.0061	0.0000	0.0000	0.0003
616	0.0206	0.0025	0.0011	0.0000	0.0116
618	0.0071	0.0028	0.0000	0.0000	0.0000
630	0.0934	0.0030	0.0032	0.0000	0.0000
632	0.0461	0.0048	0.0000	0.0007	0.0000
640	0.0578	0.0368	0.0027	0.0000	0.0098
642	0.0171	0.0024	0.0000	0.0036	0.0000
644	0.1009	0.0009	0.0034	0.0001	0.0003
653	0.0000	0.0000	0.0012	0.0017	0.0000
655	0.0044	0.0030	0.0000	0.0035	0.0000
657	0.0354	0.0000	0.0001	0.0000	0.0000
664	0.0270	0.0024	0.0005	0.0066	0.0000
666	0.0268	0.0000	0.0023	0.0011	0.0002
673	0.0290	0.0023	0.0404	0.0023	0.0045
675	0.0043	0.0066	0.0001	0.0093	0.0038
677	0.0185	0.0064	0.0000	0.0000	0.0007
683	0.0081	0.1652	0.0000	0.0004	0.0000
685	0.0618	0.0015	0.0852	0.0061	0.0002
692	0.0557	0.0051	0.0010	0.0234	0.0010
694	0.0190	0.0000	0.0000	0.0011	0.0004
701	0.0095	0.0394	0.0015	0.0072	0.0000

Station	Annelida	Crustacea	Mollusca	Echinodermata	Miscellanea
707	0.0370	0.0007	0.0100	0.0050	0.0000
712	0.0800	0.0005	0.0000	0.0140	0.0004
713	0.0644	0.0113	0.0055	0.0000	0.0000
738	2.3190	0.7985	0.0154	0.0054	2.9737
739	0.2240	0.0095	0.0008	0.0112	0.0044
740	0.8096	0.2413	0.0730	0.0241	0.6595
741	0.4819	0.4714	0.0044	2.3358	0.0118
742	0.0094	0.0477	0.0123	1.2927	0.0011
743	0.0349	0.0192	0.0003	0.3482	0.0097
744	0.1993	0.0334	0.0011	0.1339	0.0431
745	0.1729	0.0397	0.0008	1.0434	0.0083
746	0.0218	0.0014	0.0006	0.2283	0.0032
747	0.0390	0.0001	0.0050	0.0014	0.0254
748	3.7587	0.0334	0.0002	0.0230	0.0660
749	1.8229	0.2754	0.0781	0.1559	0.0252
750	0.1621	0.0486	0.0003	0.0376	0.0599
751	0.0457	0.0009	0.0006	0.0098	0.0016
753	0.0701	0.0605	0.2364	0.1415	0.0047
755	0.0782	0.0005	0.1182	0.0323	0.0047
756	0.0817	0.0206	0.0826	1.0568	0.0000
757	0.2022	0.1056	0.0018	0.3638	0.0037
758	0.5337	0.0056	0.1896	0.0091	0.0629
759	0.0815	0.0001	0.0031	0.0684	0.0654
760	1.6954	0.1958	0.0092	0.2093	0.0402
762	0.2002	1.6309	0.0042	0.0609	0.3694
763	0.4404	0.0291	0.0011	0.0442	0.0535
764	0.0419	0.0030	0.0003	0.0141	0.0000
765	0.8029	0.6332	0.1245	0.0067	0.0633
766	0.4422	0.1741	0.0168	0.0174	0.0306
767	0.0504	0.3504	0.0587	0.0003	0.0062
768	0.5638	0.0227	0.0023	0.3922	0.0478
769	0.1479	0.0159	0.0027	0.0166	0.0113
770	0.0054	0.0001	0.0000	0.0034	0.0006
771	0.0122	0.0000	0.0021	0.0168	0.0000
772	0.4439	0.1521	0.0107	0.0232	0.0343
773	0.1705	0.0555	0.0001	0.0464	0.0345
774	0.1656	1.4474	0.0073	0.0595	0.0171
775	0.1779	0.0928	0.0001	0.0322	0.1678
777	0.4758	0.0427	0.0120	0.0677	0.5238
778	0.2720	0.0364	0.0000	0.0473	0.0019
779	0.0362	0.0106	0.0020	0.0239	0.0024
780	0.7439	0.9311	0.0379	0.1637	0.6164
781	0.7236	1.3840	0.0059	0.3722	0.0416
782	0.0503	0.0342	0.0030	0.0148	0.0004
785	0.0755	0.0000	0.0000	0.0000	0.0007
786	0.0786	0.0235	0.1043	0.0336	0.0012
787	0.0245	0.0003	0.0000	0.0019	0.0026
788	0.0859	0.0061	0.0001	0.1386	0.0050
789	0.1024	0.0263	0.0683	0.0957	0.0015
792	0.8657	0.6978	0.0039	0.0457	0.0479
793	0.3042	0.0614	0.0492	0.1838	0.0130
794	0.3786	0.7236	0.0137	0.5308	0.0255
795	0.2543	0.2236	0.0047	0.1910	0.0134
796	0.0940	0.0412	0.0001	0.0534	0.0031
797	0.1347	0.0016	0.0006	0.1205	0.0537
798	0.1228	0.0003	0.0040	0.0120	0.0014
801	0.0662	0.0012	0.0000	0.2439	0.0099
802	0.0260	0.0000	0.0001	0.0000	0.0052
803	0.0300	0.0000	0.0656	0.0611	0.0027
804	2.3930	0.5022	0.0807	0.5214	2.0477
805	3.9465	5.2273	0.0324	1.3522	2.4713
806	1.0746	0.1629	0.1951	0.3175	0.1879
807	0.2536	0.0000	0.7235	0.0352	0.0000
808	2.8258	5.5796	0.0715	0.1927	3.8009
809	0.0578	0.0000	0.0000	0.0020	0.0000
810	0.4444	0.0059	0.0036	0.5057	0.0020
811	0.1704	0.0833	0.0004	0.2844	0.0843
812	0.4965	0.0040	0.0243	2.5818	0.0115
813	0.4725	0.3150	0.0007	0.0407	0.0072
814	0.3957	0.0664	0.0055	0.7739	0.0271
815	0.1693	0.0000	0.0331	0.8641	0.0111

Station	Annelida	Crustacea	Mollusca	Echinodermata	Miscellanea
816	0.0209	0.0038	0.0001	0.0000	0.0000
817	0.6378	0.0524	0.0026	0.9080	0.0563
818	0.0813	0.0000	0.0000	0.0008	0.0009
819	2.5246	2.0540	0.0011	0.0933	0.1751
820	0.5503	0.4096	0.0692	3.6261	0.0702
821	0.5139	0.0990	0.2543	0.0070	0.6372
822	0.5651	0.0133	0.0049	0.4538	0.2328
823	0.1129	0.0000	0.0030	0.0018	0.0009
825	1.3819	0.0359	0.1036	0.0885	0.0682
<b>Total</b>	<b>87.0934</b>	<b>42.2659</b>	<b>20.0403</b>	<b>78.1535</b>	<b>27.7282</b>

**Appendix Table 11.** The abundance (N), species diversity (S), and biomass (B) in g AFDW, of infauna sampled from the zonal area. Grid stations shown in blue with targeted stations highlighted in red.

Station	Abundance (N)	Diversity (S)	Biomass (B) (gAFDW)	Station	Abundance (N)	Diversity (S)	Biomass (B) (gAFDW)
1	35	13	0.0209255	70	537	50	3.558029
2	75	20	0.0712575	71	43	17	0.0364975
3	22	16	0.039478	72	24	13	0.0966875
4	35	14	0.0203375	73	36	19	0.115434
5	60	17	0.0729305	74	31	15	0.115091
6	17	11	0.051082	75	15	10	0.064309
7	32	10	0.071504	76	76	20	0.26567
8	25	13	0.0337375	77	10	7	0.1193915
9	12	8	0.021385	78	32	12	0.11303
10	29	12	0.0389215	79	35	17	0.118195
11	25	14	0.01928	80	56	21	0.194905
12	50	18	0.088532	81	34	12	0.1204685
13	11	9	0.0333325	82	22	13	0.174059
14	20	10	0.046784	83	19	11	0.1350325
15	19	10	0.0431665	84	48	15	0.2821065
16	41	13	0.239618	85	64	18	0.087869
17	18	7	0.29566	86	39	21	0.0280005
18	26	16	0.044172	87	34	20	0.0682165
19	40	19	0.123033	88	66	15	0.0285635
20	12	5	0.062849	89	46	17	0.3909095
21	14	8	0.0723605	90	85	18	0.055788
22	48	16	0.074486	91	11	7	0.0591605
23	47	17	0.088677	92	36	18	0.129159
24	22	12	0.072935	93	24	12	0.037987
25	25	17	0.167788	94	33	15	0.06666
26	29	14	0.135012	95	22	11	0.303184
27	42	17	0.0627935	96	25	15	0.036551
28	15	11	0.5385385	97	22	15	0.0580835
29	33	13	0.051302	98	39	12	0.0862995
30	32	11	0.762221	99	50	15	0.357118
31	22	9	0.062451	100	808	72	2.884239
32	21	8	0.0291055	101	14	11	0.0204745
33	14	7	0.148306	102	13	9	0.0255295
34	27	13	0.0251895	103	55	6	0.129924
35	40	18	0.0462165	104	12	7	0.147736
36	34	16	0.058529	105	29	17	0.0391695
37	30	16	0.0906795	106	52	18	2.63814
38	30	13	0.114476	107	53	14	0.4714025
39	9	7	0.011359	108	29	13	0.275848
40	26	17	0.046734	109	33	14	0.712055
41	16	13	0.103886	110	37	12	0.1010355
42	18	11	0.2736985	111	22	10	0.131322
43	41	16	0.0383675	112	37	15	0.0859715
44	14	11	0.023981	113	20	10	0.083463
45	18	12	0.0739545	114	75	27	0.0607855
46	30	14	0.107659	115	17	13	0.050282
47	43	18	0.0308055	116	54	17	0.131698
48	65	18	0.33637	117	172	20	0.298994
49	15	10	0.0232575	118	20	14	0.1229425
50	74	15	0.6195125	119	21	14	0.0290095
51	9	8	0.066241	120	69	21	0.200859
52	22	14	0.1102055	121	35	17	0.0928855
53	32	15	0.317244	122	23	9	0.3424025
54	34	15	0.1623925	123	16	10	0.086451
56	28	13	0.2127545	124	47	14	0.0867875
57	13	12	0.0913635	125	31	13	0.0532705
58	33	17	0.0283815	126	47	14	0.1011465
59	35	13	0.0695375	127	38	18	0.2835625
60	12	10	0.178279	128	27	12	0.0311215
61	2182	58	2.3066925	129	30	12	0.3306085
62	22	14	0.0773485	130	16	7	0.0683315
63	34	13	0.32889	131	27	16	0.1206825
64	23	13	0.1378815	132	46	21	0.6527275
65	34	18	0.157738	133	70	16	0.104838
66	69	20	0.5504585	134	63	22	0.4455325
67	13	9	0.0271155	135	40	14	0.420996
68	18	12	0.052329	136	19	7	0.169696
69	35	15	0.2730445	137	61	15	0.0850375

Station	Abundance (N)	Diversity (S)	Biomass (B) (gAFDW)
138	65	19	0.2904685
139	43	17	1.8001675
140	35	13	0.081281
141	99	21	0.4418745
142	48	13	0.1184035
143	193	27	0.273525
144	42	11	0.266059
145	61	24	0.2506955
146	49	20	0.237559
147	16	7	0.0094685
148	79	25	0.098547
149	78	16	0.5632885
150	35	14	1.0862385
151	67	25	0.0864375
152	28	12	0.177533
153	175	19	0.1915115
154	47	16	0.064016
155	91	28	0.410345
156	33	20	0.0833025
157	73	23	0.180202
158	80	16	0.1699085
159	56	15	0.068005
160	78	17	0.372926
161	40	15	0.039428
162	552	68	11.3777615
163	279	23	1.1108055
164	35	11	0.0637835
165	48	12	0.0653265
166	51	19	2.7260815
167	40	15	0.098095
168	60	12	0.0779675
169	76	20	0.1497315
170	17	12	0.1190655
171	40	22	0.2140275
172	60	18	0.1368005
173	136	23	0.203207
174	22	9	0.1211945
175	56	14	0.092015
176	21	9	0.0296535
177	31	10	0.220028
178	51	17	1.373104
179	157	30	0.218206
180	13	9	1.5587825
181	16	5	0.009827
182	19	11	0.0291155
183	18	11	0.074537
184	26	10	0.098228
185	105	20	0.1430015
186	41	16	0.3647435
187	12	5	0.0353245
188	37	15	0.027494
189	49	13	0.19955
190	76	15	0.096659
191	15	8	0.017115
192	51	13	0.0359065
193	54	11	0.2887055
194	24	14	0.0895655
195	113	26	0.133352
196	46	18	0.728674
197	103	22	0.387684
198	49	15	0.215281
199	52	20	0.161191
200	25	10	0.0861225
201	39	16	0.4289625
208	27	16	0.0779835
211	45	16	0.4511635
212	26	11	0.0589855
215	368	49	0.450878
216	18	7	0.2660235
217	11	7	0.1042995
218	40	17	0.0604105

Station	Abundance (N)	Diversity (S)	Biomass (B) (gAFDW)
219	37	12	0.030924
220	102	26	0.5030005
221	700	45	1.3884725
222	25	11	0.104342
223	38	20	0.3289485
224	33	14	0.5266565
226	15	9	0.011656
227	8	6	0.024544
228	23	12	0.0539425
229	20	15	0.07298
230	4	3	0.0073005
233	32	21	0.1245215
234	44	15	0.065563
235	34	14	0.100353
236	69	21	2.145952
237	31	18	0.1043365
238	45	8	0.054309
239	28	6	1.0824845
240	33	12	0.0338625
241	22	13	0.2283785
242	24	11	0.1481715
243	21	12	0.027788
244	13	9	0.016992
245	58	12	0.0565575
246	44	10	0.0225615
247	24	9	0.051054
248	18	6	0.0750565
249	13	11	0.312928
250	52	25	0.063253
251	28	12	0.247807
252	57	15	0.069257
253	94	28	0.9995945
254	5	3	0.001457
255	29	12	0.014756
256	94	4	0.310994
257	64	16	0.0671415
258	45	14	0.0972555
259	42	16	0.0501975
260	151	30	0.7180225
261	16	13	0.262317
262	47	20	0.182333
263	18	5	0.00934
264	15	5	0.0069935
265	27	10	0.030879
266	72	19	0.5800795
267	40	16	0.2216405
268	10	6	0.0109245
269	14	10	0.0694995
270	35	16	0.1342865
271	781	53	3.314165
272	14	6	0.026203
273	82	11	0.0851715
274	35	6	0.0463865
275	42	17	0.1989065
276	75	17	0.211153
277	44	12	0.058072
278	38	22	1.4715975
279	40	19	0.2270985
280	13	7	0.0867025
281	47	6	0.107649
282	42	8	0.0302415
283	63	11	0.048625
284	30	17	0.175438
285	57	24	0.323415
286	65	27	0.285699
287	18	12	0.1008585
288	38	14	0.398933
289	9	3	0.0309415
290	14	6	0.0318015
291	29	11	0.0314115
293	28	11	0.424894

Station	Abundance (N)	Diversity (S)	Biomass (B) (gAFDW)
294	40	22	0.25316
295	26	13	0.349996
296	17	8	0.0206675
297	4	4	0.013872
298	27	12	0.1918535
299	14	5	0.012118
300	967	53	1.2640245
301	22	12	0.0187335
302	195	24	0.075315
303	21	13	0.123108
304	37	20	1.151133
305	11	6	0.0064385
306	40	13	0.071903
307	91	15	0.255781
308	22	11	0.042275
309	62	21	0.1189495
310	18	13	0.0261975
311	17	11	0.311177
312	19	10	0.006247
313	35	10	0.03271
314	55	15	0.656925
315	43	12	1.4388745
316	172	23	0.065058
317	86	26	0.176274
318	21	13	0.071279
319	25	11	0.0644765
320	4	4	0.0178095
321	210	11	0.451917
322	16	6	0.041284
323	19	7	0.1629385
324	153	24	0.5838395
325	31	16	0.11171
326	27	13	0.0487025
327	36	11	0.0417355
328	59	20	0.5458685
329	49	12	0.085895
330	60	21	0.116909
331	332	40	0.246103
332	15	9	0.149817
333	1133	22	1.0388255
334	23	12	0.2564775
335	24	11	0.0702505
336	24	8	0.13335
337	31	18	0.034265
338	33	16	0.1922205
339	25	8	0.05967
340	32	16	0.1827695
341	31	17	1.088679
342	26	17	0.4756015
343	56	22	0.1731055
344	33	11	0.027819
345	32	17	0.6259975
346	41	12	0.079874
347	29	13	1.5567875
348	40	22	0.248112
349	36	12	0.2747065
350	7	6	0.00155
351	8	7	0.0072385
352	15	9	0.2112255
353	99	21	0.1562505
355	23	9	0.004656
356	19	15	0.074208
357	47	21	0.115068
358	42	20	0.631738
359	13	11	0.244189
360	21	13	0.0270315
361	25	16	0.036558
362	19	15	0.148871
363	25	14	0.0741725
364	48	14	0.1884095
365	28	13	0.415058

Station	Abundance (N)	Diversity (S)	Biomass (B) (gAFDW)
366	166	42	0.4895915
367	6	6	0.0101425
368	14	8	0.2431165
369	22	10	0.1283005
370	170	30	0.239311
371	46	22	0.0861295
372	9	7	0.0242015
373	20	11	0.080239
374	26	12	0.2893295
375	28	19	1.6866065
377	145	40	0.512693
378	13	11	0.0197195
379	15	12	0.191486
380	22	13	0.144389
381	41	18	0.058248
384	39	20	0.3828325
385	29	14	0.5598505
386	16	9	0.0673525
388	57	16	0.3615385
389	19	10	0.1203525
390	10	4	0.1093685
391	401	49	0.566639
392	50	15	0.1602595
393	153	47	0.2744405
394	13	11	0.0276315
395	42	19	0.091032
396	12	8	0.109232
397	92	10	0.134561
398	32	19	0.0640615
399	485	34	0.4685915
400	18	11	0.020668
401	11	9	0.0303685
402	10	8	0.043831
403	48	17	0.089681
404	25	12	0.0545875
406	29	16	0.0987865
407	153	34	0.5266085
408	20	10	0.032098
409	21	14	0.1296695
410	91	20	0.157108
411	25	13	0.208776
412	164	26	0.2253335
413	8	6	0.077612
414	133	33	0.303035
415	2076	67	1.585774
416	41	17	0.142633
417	73	20	0.101857
418	118	40	0.291326
419	137	39	0.3706685
420	1719	38	2.3963885
421	11	9	0.1637975
422	26	14	0.0671835
423	7	6	0.137553
424	11	8	0.1762655
425	7	3	0.0117625
426	34	27	0.080481
427	21	9	0.0549615
428	11	10	0.0186605
429	49	18	0.1715685
430	69	25	0.1926455
431	108	23	0.07542
432	27	17	0.3170685
433	7	5	0.1694925
434	6	4	0.010169
435	16	9	0.0351095
436	22	17	0.0921355
437	12	10	0.203917
438	32	15	0.1081835
439	13	12	0.001828
440	69	20	0.1043805
441	2246	43	1.0487845

Station	Abundance (N)	Diversity (S)	Biomass (B) (gAFDW)
442	37	15	0.1467365
443	49	16	0.0359525
444	91	27	0.4314975
445	14	9	0.0506525
446	8	6	0.0036555
447	124	26	0.2322235
448	6	6	0.075684
449	48	19	0.065034
450	26	18	0.031822
451	113	36	0.075561
452	59	21	0.081844
453	50	21	0.106353
454	18	13	0.0081065
455	14	11	0.0158955
456	8	8	0.0436865
457	83	23	0.0769745
458	36	13	0.136588
459	24	17	0.270978
460	745	60	0.6225135
461	35	15	0.0570305
462	48	14	0.306107
463	156	42	0.31654
464	27	13	0.9693605
465	27	7	0.0158625
466	11	8	0.040744
467	21	13	0.0301135
468	21	15	0.0228835
469	149	35	0.2911365
470	33	15	0.0508615
471	10	9	0.059028
472	62	20	0.090147
473	153	54	1.5559205
474	29	13	0.0567595
475	218	49	0.770111
476	297	48	0.9203435
477	32	5	0.083072
478	12	5	0.74909
479	118	27	0.190697
480	23	16	0.0699275
481	65	19	0.067161
482	230	44	0.79234
483	44	15	0.0443055
484	26	12	0.080725
485	15	9	0.0436605
487	33	19	0.0809535
488	23	16	0.332652
489	28	17	0.04085
490	19	14	0.0073155
491	26	17	0.036423
492	40	15	0.062907
493	27	18	4.6451185
494	6	4	0.0121875
495	14	11	0.034546
496	17	10	0.015666
497	41	10	0.0318215
498	13	5	0.0455905
499	11	6	0.0498075
501	42	26	0.11406
502	30	20	0.0654735
503	17	10	0.066082
504	37	13	0.116457
505	33	9	0.120961
506	30	16	0.0465125
507	47	17	0.069661
508	23	12	0.1212955
509	8	6	0.0212545
510	103	19	0.072039
511	128	49	0.3232285
512	33	15	1.5148065
513	38	22	0.137899
514	12	8	0.040752

Station	Abundance (N)	Diversity (S)	Biomass (B) (gAFDW)
515	20	9	0.126285
516	7	6	0.008735
517	28	17	0.0875305
518	268	23	0.2493665
519	24	8	0.0393565
520	52	14	0.012353
521	17	5	0.0263
522	50	18	0.071192
523	96	40	0.129238
524	27	11	0.032782
525	26	16	0.2998685
526	16	10	0.053647
527	37	12	0.0458595
528	55	18	0.0489575
529	6	5	0.013312
530	31	14	0.0155275
531	24	12	0.0471825
532	32	18	0.0766625
534	43	25	0.8784
535	44	16	0.015161
536	56	25	0.083325
537	36	22	0.0746385
538	19	12	0.0858825
539	6	4	0.0122915
540	41	12	0.138828
541	80	47	1.062968
542	14	9	0.016642
543	66	18	0.0976805
544	19	8	0.0809485
545	22	15	0.0054735
546	33	21	0.0916755
547	226	48	0.5924375
548	28	20	0.015767
549	14	11	0.0685985
550	30	15	0.01531
551	21	13	0.0611905
552	12	8	0.00881
554	14	10	0.0100395
555	36	12	0.08995
556	22	14	0.038661
557	40	20	0.1559695
558	22	10	0.0601055
559	53	25	0.2705125
561	18	11	0.2370295
566	36	19	0.28212
571	46	15	0.119273
577	104	30	0.0849795
579	14	8	0.0134035
585	59	16	0.105871
589	31	16	0.048455
599	161	48	1.766661
601	12	8	0.024937
616	21	13	0.0358255
618	18	13	0.0098735
630	15	10	0.0994965
632	12	7	0.0516155
640	61	22	0.1071505
642	27	17	0.0230645
644	106	23	0.1056295
653	14	6	0.0029495
655	17	11	0.0109655
657	5	4	0.0355475
664	19	10	0.0364225
666	20	11	0.0303845
673	51	16	0.078501
675	35	18	0.024126
677	32	20	0.025555
683	8	5	0.1736945
685	40	19	0.154827
692	63	26	0.0862285
694	13	8	0.020463

Station	Abundance (N)	Diversity (S)	Biomass (B) (gAFDW)
701	14	8	0.057558
707	37	16	0.0526355
712	51	17	0.094964
713	4	3	0.0811775
738	1997	79	6.1121855
739	95	33	0.2498435
740	2117	75	1.807567
741	1511	63	3.305235
742	101	34	1.363128
743	408	30	0.412404
744	526	41	0.4108665
745	132	39	1.2650465
746	46	18	0.2553185
747	42	25	0.070873
748	138	44	3.881367
749	274	63	2.357485
750	419	56	0.3084
751	84	25	0.058685
753	143	37	0.5131735
755	98	32	0.233813
756	69	37	1.24165
757	250	52	0.677099
758	224	45	0.800893
759	112	35	0.2184905
760	446	49	2.1497995
762	225	43	2.265603
763	982	50	0.568323
764	20	8	0.059217
765	1312	71	1.630547
766	907	21	0.6809965
767	181	40	0.465955
768	558	61	1.028801
769	144	38	0.194406
770	30	11	0.0095365
771	66	20	0.0310585
772	1338	57	0.6641975
773	231	40	0.3070835
774	295	56	1.6967285
775	155	45	0.4707775
777	455	59	1.1219315
778	102	24	0.357702
779	73	16	0.075163
780	609	60	2.49299
781	539	64	2.5273475
782	104	23	0.1026945
785	116	22	0.076244
786	79	31	0.2411635
787	17	15	0.029314
788	139	28	0.2356015
789	122	32	0.2941275
792	1024	69	1.6610935
793	435	37	0.611586
794	217	42	1.672149
795	607	58	0.687052
796	84	29	0.1917595
797	275	44	0.3110215
798	109	27	0.140548
801	68	14	0.321226
802	59	19	0.0312865
803	92	20	0.159426
804	1908	64	5.54491
805	5395	68	13.0297485
806	1120	50	1.937997
807	449	15	1.012224
808	6961	105	12.4704715
809	15	10	0.059878
810	282	41	0.9616865

Station	Abundance (N)	Diversity (S)	Biomass (B) (gAFDW)
811	356	47	0.6227415
812	452	43	3.118033
813	306	30	0.8362685
814	459	48	1.268612
815	243	34	1.0776625
816	13	10	0.024876
817	362	66	1.6570835
818	64	15	0.0829795
819	3904	57	4.8480085
820	532	60	4.7253745
821	362	44	1.511385
822	284	43	1.269963
823	70	12	0.1186
825	664	60	1.6782165
<b>Total</b>	<b>84592</b>	<b>12150</b>	<b>255.281335</b>



**Appendix Table 12.** Table summarising the key species that contributed to the similarity within the faunal groups identified through multivariate analysis on Bray-Curtis similarity of fourth root transformed benthic abundance data recorded in the samples collected from the zonal area. The dissimilarity between faunal groups is also shown. Similarity cut off shown at 70% and Dissimilarity cut-off shown at 50% to facilitate presentation.

<b>Group Faunal Group A</b>					
Average similarity: 32.27					
Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
COPEPODA	1.05	19.31	4.61	59.84	59.84
<i>Spio goniocephala</i>	0.8	8.41	0.9	26.07	85.91

<b>Group Faunal Group B</b>					
Average similarity: 37.37					
Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
<i>Polycirrus</i>	1.16	14.25	5.17	38.12	38.12
<i>Ophelia borealis</i>	0.89	7.59	0.91	20.31	58.43
<i>Spisula</i>	0.75	6.62	0.91	17.72	76.15

<b>Group Faunal Group C</b>					
Average similarity: 21.33					
Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
<i>Scoloplos armiger</i>	1.09	21.33	#####	100	100

<b>Group Faunal Group D</b>					
Average similarity: 31.47					
Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
<i>Maerella pygmaea</i>	1.08	14.09	3.78	44.76	44.76
<i>Nephtys cirrosa</i>	0.64	4.46	0.57	14.16	58.92
<i>Spisula elliptica</i>	0.6	2.96	0.6	9.42	68.34
<i>Ophiocten affinis</i>	0.56	2.37	0.4	7.52	75.86

<b>Group Faunal Group E</b>					
Average similarity: 38.38					
Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
OPHUROIDEA	2	2.7	2.33	7.04	7.04
NEMERTEA	1.66	2.42	2.97	6.31	13.35
<i>Spiophanes bombyx</i>	1.75	2.41	1.61	6.29	19.64
<i>Echinocyamus pusillus</i>	1.48	1.83	1.32	4.77	24.41
<i>Sabellaria spinulosa</i>	1.92	1.64	0.91	4.27	28.68
<i>Lumbrineris cingulata</i>	1.22	1.62	1.52	4.21	32.89
<i>Glycera</i>	1.07	1.4	1.28	3.65	36.54
<i>Mediomastus fragilis</i>	1.39	1.38	1.15	3.6	40.13
<i>Aonides paucibranchiata</i>	1.03	1.31	1.07	3.42	43.55
<i>Lagis koreni</i>	0.97	1.13	0.99	2.94	46.5
<i>Scalibregma inflatum</i>	0.95	1.05	0.93	2.73	49.22
<i>Glycera lapidum</i>	0.9	0.98	0.87	2.54	51.76
<i>Kurtiella bidentata</i>	0.97	0.96	0.84	2.5	54.26
NEMATODA	0.9	0.92	0.93	2.41	56.67
ACTINIARIA	0.98	0.87	0.88	2.28	58.95
<i>Pholoe baltica</i> (sensu petersen)	0.96	0.84	0.76	2.18	61.13
<i>Grania</i>	0.82	0.76	0.69	1.99	63.11
<i>Polinices pulchellus</i>	0.66	0.67	0.7	1.74	64.86
<i>Ophiura albida</i>	0.83	0.65	0.59	1.7	66.56
<i>Ampelisca spinipes</i>	0.73	0.63	0.71	1.63	68.19
<i>Owenia fusiformis</i>	0.69	0.62	0.65	1.62	69.81
<i>Notomastus latericeus</i>	0.76	0.62	0.7	1.62	71.43

**Group Faunal Group F**

Average similarity: 35.54

Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
OPHIUROIDEA	1.5	14.07	4.57	39.59	39.59
<i>Ophiocten affinis</i>	1.19	12.78	3.52	35.95	75.54

**Group Faunal Group G**

Average similarity: 34.53

Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
<i>Nephtys cirrosa</i>	1.23	17.2	2.67	49.82	49.82
<i>Nephtys</i>	0.73	6.19	0.84	17.92	67.74
<i>Magelona johnstoni</i>	0.63	4.23	0.57	12.26	80

**Group Faunal Group H**

Average similarity: 30.44

Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
<i>Spiophanes bombyx</i>	1.21	5.07	1.3	16.65	16.65
<i>Nephtys cirrosa</i>	0.84	3.52	0.87	11.58	28.24
<i>Polinices pulchellus</i>	0.77	2.71	0.8	8.9	37.13
<i>Scoloplos armiger</i>	0.68	2.03	0.61	6.68	43.81
OPHIUROIDEA	0.7	1.82	0.59	5.98	49.79
<i>Bathyporeia elegans</i>	0.62	1.78	0.55	5.85	55.64
<i>Fabulina fabula</i>	0.69	1.73	0.54	5.7	61.34
<i>Urothoe brevicornis</i>	0.61	1.64	0.49	5.39	66.73
<i>Nephtys</i>	0.51	1.35	0.48	4.44	71.17

**Group Faunal Group I**

Average similarity: 39.93

Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
OPHIUROIDEA	0.94	11.86	1.44	29.69	29.69
<i>Gastrosaccus spinifer</i>	0.95	9.5	0.89	23.79	53.48
<i>Nephtys cirrosa</i>	0.77	8.08	0.88	20.24	73.72

**Group Faunal Group J**

Average similarity: 26.72

Species	Av.Abund	Av.Sim	Sim/SD	Contrib%	Cum.%
<i>Nephtys cirrosa</i>	0.88	4.36	1.01	16.32	16.32
<i>Spiophanes bombyx</i>	0.85	2.84	0.76	10.64	26.97
NEMERTEA	0.74	2.76	0.78	10.33	37.3
<i>Polycirrus</i>	0.75	2.24	0.67	8.39	45.69
<i>Ophelia borealis</i>	0.68	1.85	0.56	6.93	52.62
<i>Glycera</i>	0.6	1.61	0.56	6.04	58.66
OPHIUROIDEA	0.59	1.44	0.5	5.39	64.05
<i>Ophiocten affinis</i>	0.46	1.01	0.41	3.77	67.82
<i>Echinocyamus pusillus</i>	0.51	0.9	0.4	3.35	71.18

## DISSIMILARITY Benthic Abundance

### Groups Faunal Group A & Faunal Group B

Average dissimilarity = 88.18

Species	Group A	Group B	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Polycirrus</i>	0	1.16	9.31	3.99	10.56	10.56
COPEPODA	1.05	0	8.41	4.49	9.54	20.1
<i>Urothoe brevicornis</i>	1.1	0.55	8.17	1.4	9.26	29.36
<i>Ophelia borealis</i>	0.33	0.89	6.19	1.31	7.02	36.38
<i>Spio goniocephala</i>	0.8	0	6	1.61	6.81	43.19
<i>Spisula</i>	0	0.75	5.93	1.6	6.73	49.92
<i>Goodallia triangularis</i>	0.25	0.65	5.09	1.04	5.78	55.69

### Groups Faunal Group A & Faunal Group D

Average dissimilarity = 92.11

Species	Group A	Group D	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Moerella pygmaea</i>	0	1.08	8.71	4.47	9.46	9.46
COPEPODA	1.05	0	8.67	3.05	9.41	18.87
<i>Urothoe brevicornis</i>	1.1	0	7.79	0.94	8.45	27.32
<i>Spio goniocephala</i>	0.8	0.31	5.51	1.22	5.98	33.3
<i>Nephtys cirrosa</i>	0.3	0.64	5.34	0.99	5.79	39.09
<i>Ophiocten affinis</i>	0	0.56	4.81	0.8	5.22	44.31
<i>Spisula elliptica</i>	0	0.6	4.18	1.02	4.54	48.85
SPATANGOIDA	0	0.48	4.05	0.81	4.4	53.25

### Groups Faunal Group A & Faunal Group F

Average dissimilarity = 92.51

Species	Group A	Group F	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
OPHIUROIDEA	0	1.5	10.44	4.15	11.28	11.28
<i>Ophiocten affinis</i>	0	1.19	8.47	3.68	9.15	20.44
COPEPODA	1.05	0	7.51	3.16	8.12	28.55
<i>Urothoe brevicornis</i>	1.1	0.44	7.06	1.02	7.63	36.18
<i>Ophiura albida</i>	0	0.84	6.89	1.31	7.45	43.63
<i>Abra</i>	0	0.67	4.45	1.2	4.81	48.43
<i>Spio goniocephala</i>	0.8	0.33	4.26	1.1	4.61	53.04

### Groups Faunal Group A & Faunal Group I

Average dissimilarity = 88.95

Species	Group A	Group I	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Urothoe brevicornis</i>	1.1	0	8.7	0.95	9.78	9.78
COPEPODA	1.05	0.14	8.63	1.9	9.71	19.49
OPHIUROIDEA	0	0.94	8.31	2.02	9.34	28.83
<i>Gastrosaccus spinifer</i>	0.25	0.95	8.24	1.13	9.26	38.09
<i>Spio goniocephala</i>	0.8	0	6.95	1.54	7.81	45.9
<i>Spisula elliptica</i>	0	0.71	6.53	1.38	7.34	53.24

### Groups Faunal Group C & Faunal Group A

Average dissimilarity = 96.95

Species	Group C	Group A	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Scoloplos armiger</i>	1.09	0	11.19	5.55	11.54	11.54
COPEPODA	0	1.05	10.88	3.74	11.22	22.76
<i>Urothoe brevicornis</i>	0	1.1	9.46	0.93	9.76	32.52
<i>Spio goniocephala</i>	0	0.8	7.61	1.54	7.85	40.36
<i>Nephtys cirrosa</i>	0.5	0.3	5.83	0.99	6.02	46.38
Ophiuridae	0.59	0	5.67	0.91	5.85	52.23

**Groups Faunal Group C & Faunal Group B**

Average dissimilarity = 100.00

Species	Group C	Group B	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Polycirrus</i>	0	1.16	9.69	4.46	9.69	9.69
<i>Scoloplos armiger</i>	1.09	0	9.04	11.44	9.04	18.74
<i>Ophelia borealis</i>	0	0.89	7.16	1.6	7.16	25.9
<i>Spisula</i>	0	0.75	6.18	1.59	6.18	32.07
<i>Goodallia triangularis</i>	0	0.65	5.19	0.91	5.19	37.27
Ophiuridae	0.59	0	4.65	0.93	4.65	41.92
<i>Urothoe brevicornis</i>	0	0.55	4.47	0.93	4.47	46.39
<i>Aglaophamus rubella</i>	0.5	0	4.39	0.93	4.39	50.77

**Groups Faunal Group C & Faunal Group D**

Average dissimilarity = 90.81

Species	Group C	Group D	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Scoloplos armiger</i>	1.09	0	9.32	4.09	10.26	10.26
<i>Moerella pygmaea</i>	0	1.08	9.08	5.37	10	20.26
<i>Ophiosten affinis</i>	0	0.56	5.02	0.8	5.52	25.78
Ophiuridae	0.59	0.29	5	1.02	5.5	31.29
<i>Nephtys cirrosa</i>	0.5	0.64	4.99	1.03	5.49	36.78
<i>Aglaophamus rubella</i>	0.5	0	4.55	0.91	5.01	41.78
<i>Magelona mirabilis</i>	0.5	0	4.55	0.91	5.01	46.79
<i>Spisula elliptica</i>	0	0.6	4.34	1.01	4.78	51.57

**Groups Faunal Group C & Faunal Group F**

Average dissimilarity = 89.43

Species	Group C	Group F	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
OPHIUROIDEA	0	1.5	10.84	4.5	12.12	12.12
<i>Ophiosten affinis</i>	0	1.19	8.8	3.87	9.84	21.96
<i>Scoloplos armiger</i>	1.09	0	8.06	3.96	9.01	30.97
<i>Ophiura albida</i>	0	0.84	7.18	1.27	8.03	38.99
Ophiuridae	0.59	0.52	4.86	1.03	5.44	44.43
<i>Nephtys cirrosa</i>	0.5	0.44	4.62	1.02	5.16	49.59
<i>Abra</i>	0	0.67	4.61	1.16	5.16	54.75

**Groups Faunal Group C & Faunal Group I**

Average dissimilarity = 91.79

Species	Group C	Group I	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Scoloplos armiger</i>	1.09	0	10.64	4.77	11.59	11.59
<i>Gastrosaccus spinifer</i>	0	0.95	9.53	1.28	10.39	21.98
OPHIUROIDEA	0	0.94	8.68	2.09	9.45	31.43
<i>Spisula elliptica</i>	0	0.71	6.82	1.39	7.43	38.87
Ophiuridae	0.59	0	5.41	0.93	5.89	44.76
<i>Nephtys cirrosa</i>	0.5	0.77	5.24	1.02	5.71	50.47

**Groups Faunal Group D & Faunal Group B**

Average dissimilarity = 92.15

Species	Group D	Group B	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Polycirrus</i>	0	1.16	8.01	3.52	8.69	8.69
<i>Moerella pygmaea</i>	1.08	0	7.3	6.8	7.93	16.62
<i>Ophelia borealis</i>	0.14	0.89	5.44	1.45	5.91	22.52
<i>Spisula</i>	0.45	0.75	5.2	1.61	5.65	28.17
<i>Nephtys cirrosa</i>	0.64	0	4.69	1.03	5.09	33.26
<i>Goodallia triangularis</i>	0.14	0.65	4.34	0.95	4.71	37.96
<i>Ophiosten affinis</i>	0.56	0	4.02	0.82	4.36	42.32
<i>Urothoe brevicornis</i>	0	0.55	3.7	0.95	4.02	46.34
<i>Spisula elliptica</i>	0.6	0	3.59	1.05	3.9	50.24

**Groups Faunal Group E & Faunal Group A**

Average dissimilarity = 97.03

Species	Group E	Group A	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
OPHIUROIDEA	2	0	3.25	2.71	3.35	3.35
<i>Sabellaria spinulosa</i>	1.92	0	3.15	1.12	3.24	6.59
<i>Spiophanes bombyx</i>	1.75	0	3.08	1.82	3.17	9.76
<i>Echinocyamus pusillus</i>	1.48	0	2.58	1.56	2.65	12.42
NEMERTEA	1.66	0.25	2.35	2.2	2.42	14.84
<i>Mediomastus fragilis</i>	1.39	0	2.15	1.56	2.21	17.05
<i>Lumbrineris cingulata</i>	1.22	0	2.03	1.95	2.1	19.15
<i>Urothoe brevicornis</i>	0.2	1.1	1.89	1.01	1.94	21.09
<i>Glycera</i>	1.07	0	1.82	1.72	1.87	22.97
COPEPODA	0.12	1.05	1.71	2.34	1.76	24.73
<i>Lagis koreni</i>	0.97	0	1.69	1.4	1.75	26.48
<i>Kurtiella bidentata</i>	0.97	0	1.64	1.17	1.69	28.16
<i>Scalibregma inflatum</i>	0.95	0	1.61	1.36	1.66	29.82
<i>Aonides paucibranchiata</i>	1.03	0.25	1.58	1.37	1.63	31.45
<i>Glycera lapidum</i>	0.9	0	1.52	1.32	1.57	33.01
<i>Pholoe baltica</i> (sensu petersen)	0.96	0	1.49	1.21	1.53	34.55
ACTINIARIA	0.98	0	1.46	1.36	1.5	36.05
<i>Abludomelita obtusata</i>	0.92	0	1.45	0.81	1.49	37.54
NEMATODA	0.9	0	1.42	1.36	1.46	39
<i>Grania</i>	0.82	0	1.42	1.08	1.46	40.46
<i>Ophiura albida</i>	0.83	0	1.41	0.95	1.45	41.92
<i>Spio goniocephala</i>	0	0.8	1.37	1.5	1.42	43.33
<i>Notomastus latericeus</i>	0.76	0	1.17	1.11	1.2	44.53
<i>Polinices pulchellus</i>	0.66	0	1.16	1.08	1.19	45.72
<i>Owenia fusiformis</i>	0.69	0	1.15	1.04	1.18	46.91
<i>Chaetozone zetlandica</i>	0.61	0	1.15	0.97	1.18	48.09
<i>Eunereis longissima</i>	0.77	0	1.15	1.15	1.18	49.27
<i>Ampelisca spinipes</i>	0.73	0	1.14	1.11	1.18	50.45

**Groups Faunal Group E & Faunal Group B**

Average dissimilarity = 93.51

Species	Group E	Group B	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Sabellaria spinulosa</i>	1.92	0	3.03	1.12	3.24	3.24
<i>Spiophanes bombyx</i>	1.75	0	2.96	1.84	3.16	6.41
OPHIUROIDEA	2	0.3	2.71	2.09	2.9	9.3
<i>Echinocyamus pusillus</i>	1.48	0	2.48	1.57	2.65	11.95
NEMERTEA	1.66	0.3	2.21	2.08	2.36	14.32
<i>Mediomastus fragilis</i>	1.39	0	2.07	1.56	2.22	16.53
<i>Lumbrineris cingulata</i>	1.22	0	1.96	1.97	2.09	18.63
<i>Aonides paucibranchiata</i>	1.03	0	1.75	1.52	1.87	20.5
<i>Glycera</i>	1.07	0	1.75	1.74	1.87	22.37
<i>Lagis koreni</i>	0.97	0	1.63	1.4	1.74	24.12
<i>Kurtiella bidentata</i>	0.97	0	1.57	1.18	1.68	25.8
<i>Scalibregma inflatum</i>	0.95	0	1.55	1.37	1.66	27.46
<i>Glycera lapidum</i>	0.9	0	1.46	1.33	1.57	29.02
<i>Pholoe baltica</i> (sensu petersen)	0.96	0	1.44	1.21	1.54	30.56
<i>Polycirrus</i>	0.46	1.16	1.43	1.58	1.53	32.09
ACTINIARIA	0.98	0	1.41	1.36	1.51	33.59
<i>Abludomelita obtusata</i>	0.92	0	1.4	0.81	1.5	35.09
NEMATODA	0.9	0	1.37	1.37	1.47	36.56
<i>Grania</i>	0.82	0	1.36	1.08	1.46	38.02
<i>Ophiura albida</i>	0.83	0	1.36	0.95	1.45	39.46
<i>Spisula</i>	0.07	0.75	1.24	1.51	1.33	40.79
<i>Ophelia borealis</i>	0.49	0.89	1.15	1.18	1.23	42.02
<i>Notomastus latericeus</i>	0.76	0	1.13	1.11	1.2	43.22
<i>Eunereis longissima</i>	0.77	0	1.11	1.15	1.19	44.41
<i>Owenia fusiformis</i>	0.69	0	1.11	1.04	1.19	45.59
<i>Ampelisca spinipes</i>	0.73	0	1.1	1.11	1.18	46.77
<i>Pisidia longicornis</i>	0.8	0	1.1	0.62	1.18	47.95
<i>Chaetozone zetlandica</i>	0.61	0	1.1	0.97	1.18	49.13
<i>Goodallia triangularis</i>	0.03	0.65	1.08	0.94	1.16	50.29

**Groups Faunal Group E & Faunal Group C**

Average dissimilarity = 96.26

Species	Group E	Group C	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
OPHIUROIDEA	2	0	3.29	2.7	3.42	3.42
<i>Sabellaria spinulosa</i>	1.92	0	3.18	1.12	3.31	6.72
<i>Spiophanes bombyx</i>	1.75	0	3.11	1.81	3.23	9.96
NEMERTEA	1.66	0	2.77	3.44	2.88	12.84
<i>Mediomastus fragilis</i>	1.39	0	2.17	1.55	2.26	15.09
<i>Lumbrineris cingulata</i>	1.22	0	2.06	1.95	2.14	17.23
<i>Echinocyamus pusillus</i>	1.48	0.5	1.99	1.27	2.07	19.3
<i>Aonides paucibranchiata</i>	1.03	0	1.84	1.5	1.92	21.21
<i>Glycera</i>	1.07	0	1.84	1.71	1.91	23.12
<i>Lagis koreni</i>	0.97	0	1.71	1.39	1.78	24.9
<i>Kurtiella bidentata</i>	0.97	0	1.65	1.16	1.72	26.62
<i>Scoloplos armiger</i>	0.23	1.09	1.64	2.01	1.7	28.33
<i>Scalibregma inflatum</i>	0.95	0	1.63	1.36	1.69	30.02
<i>Glycera lapidum</i>	0.9	0	1.54	1.32	1.6	31.61
<i>Pholoe baltica</i> (sensu petersen)	0.96	0	1.5	1.2	1.56	33.17
ACTINIARIA	0.98	0	1.47	1.36	1.53	34.7
<i>Abludomelita obtusata</i>	0.92	0	1.47	0.81	1.52	36.23
NEMATODA	0.9	0	1.43	1.36	1.49	37.72
<i>Grania</i>	0.82	0	1.43	1.07	1.49	39.21
<i>Ophiura albida</i>	0.83	0	1.42	0.94	1.48	40.69
<i>Notomastus latericeus</i>	0.76	0	1.18	1.1	1.22	41.91
<i>Polinices pulchellus</i>	0.66	0	1.17	1.08	1.21	43.13
<i>Owenia fusiformis</i>	0.69	0	1.16	1.04	1.21	44.33
<i>Chaetozone zetlandica</i>	0.61	0	1.16	0.97	1.21	45.54
<i>Eunereis longissima</i>	0.77	0	1.16	1.15	1.2	46.74
<i>Ampelisca spinipes</i>	0.73	0	1.16	1.11	1.2	47.95
<i>Pisidia longicornis</i>	0.8	0	1.15	0.62	1.19	49.14
<i>Caulleriella alata</i>	0.63	0	1.09	0.99	1.13	50.27

**Groups Faunal Group E & Faunal Group D**

Average dissimilarity = 94.10

Species	Group E	Group D	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Sabellaria spinulosa</i>	1.92	0	3.02	1.12	3.21	3.21
OPHIUROIDEA	2	0.14	2.94	2.31	3.12	6.33
<i>Spiophanes bombyx</i>	1.75	0.14	2.75	1.68	2.93	9.26
NEMERTEA	1.66	0	2.63	3.43	2.8	12.06
<i>Echinocyamus pusillus</i>	1.48	0.14	2.31	1.46	2.46	14.52
<i>Mediomastus fragilis</i>	1.39	0	2.07	1.55	2.2	16.71
<i>Lumbrineris cingulata</i>	1.22	0	1.95	1.96	2.08	18.79
<i>Glycera</i>	1.07	0	1.74	1.73	1.85	20.64
<i>Moerella pygmaea</i>	0.09	1.08	1.69	2.61	1.79	22.43
<i>Lagis koreni</i>	0.97	0	1.62	1.4	1.73	24.16
<i>Kurtiella bidentata</i>	0.97	0	1.57	1.17	1.67	25.83
<i>Scalibregma inflatum</i>	0.95	0	1.54	1.37	1.64	27.47
<i>Aonides paucibranchiata</i>	1.03	0.29	1.51	1.32	1.6	29.07
<i>Pholoe baltica</i> (sensu petersen)	0.96	0	1.43	1.21	1.52	30.59
ACTINIARIA	0.98	0	1.41	1.36	1.49	32.09
<i>Abludomelita obtusata</i>	0.92	0	1.4	0.81	1.48	33.57
<i>Glycera lapidum</i>	0.9	0.14	1.38	1.28	1.47	35.04
NEMATODA	0.9	0	1.37	1.36	1.45	36.49
<i>Grania</i>	0.82	0	1.36	1.08	1.44	37.93
<i>Ophiura albida</i>	0.83	0	1.35	0.95	1.44	39.37
<i>Notomastus latericeus</i>	0.76	0	1.12	1.11	1.19	40.56
<i>Eunereis longissima</i>	0.77	0	1.11	1.15	1.18	41.74
<i>Owenia fusiformis</i>	0.69	0	1.1	1.04	1.17	42.91
<i>Ampelisca spinipes</i>	0.73	0	1.1	1.11	1.17	44.09
<i>Pisidia longicornis</i>	0.8	0	1.1	0.62	1.17	45.25
<i>Chaetozone zetlandica</i>	0.61	0	1.1	0.97	1.17	46.42
<i>Ophiocten affinis</i>	0.28	0.56	1.04	0.91	1.11	47.53
<i>Caulleriella alata</i>	0.63	0	1.03	0.99	1.1	48.63
<i>Nephtys cirrosa</i>	0.32	0.64	1.03	1.03	1.1	49.72
<i>Eteone longa</i>	0.68	0.14	1.02	1.08	1.09	50.81

**Groups Faunal Group E & Faunal Group F**

Average dissimilarity = 90.16

Species	Group E	Group F	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Sabellaria spinulosa</i>	1.92	0	2.93	1.11	3.25	3.25
NEMERTEA	1.66	0	2.55	3.43	2.83	6.08
<i>Spiophanes bombyx</i>	1.75	0.33	2.44	1.5	2.71	8.79
<i>Echinocyamus pusillus</i>	1.48	0	2.39	1.57	2.65	11.44
<i>Mediomastus fragilis</i>	1.39	0	2.01	1.55	2.23	13.67
<i>Lumbrineris cingulata</i>	1.22	0	1.89	1.97	2.1	15.76
<i>Aonides paucibranchiata</i>	1.03	0	1.69	1.51	1.88	17.64
<i>Glycera</i>	1.07	0	1.69	1.73	1.87	19.51
<i>Lagis koreni</i>	0.97	0	1.57	1.4	1.74	21.26
<i>Kurtiella bidentata</i>	0.97	0	1.52	1.17	1.69	22.94
<i>Ophiocten affinis</i>	0.28	1.19	1.5	1.71	1.66	24.6
<i>Scalibregma inflatum</i>	0.95	0	1.5	1.36	1.66	26.26
<i>Glycera lapidum</i>	0.9	0	1.41	1.32	1.57	27.83
<i>Pholoe baltica</i> (sensu petersen)	0.96	0	1.39	1.21	1.54	29.37
ACTINIARIA	0.98	0	1.37	1.36	1.52	30.89
<i>Abludomelita obtusata</i>	0.92	0	1.36	0.81	1.5	32.39
NEMATODA	0.9	0	1.33	1.36	1.47	33.86
<i>Grania</i>	0.82	0	1.32	1.08	1.46	35.32
<i>Ophiura albida</i>	0.83	0.84	1.31	1.27	1.45	36.77
OPHIUROIDEA	2	1.5	1.14	1.32	1.27	38.04
<i>Notomastus latericeus</i>	0.76	0	1.09	1.11	1.21	39.25
<i>Eunereis longissima</i>	0.77	0	1.08	1.15	1.19	40.44
<i>Polinices pulchellus</i>	0.66	0	1.07	1.09	1.19	41.63
<i>Owenia fusiformis</i>	0.69	0	1.07	1.04	1.19	42.82
<i>Pisidia longicornis</i>	0.8	0	1.07	0.62	1.19	44.01
<i>Ampelisca spinipes</i>	0.73	0	1.07	1.11	1.19	45.19
<i>Chaetozone zetlandica</i>	0.61	0	1.06	0.97	1.18	46.37
<i>Abra</i>	0.23	0.67	1.02	1.22	1.13	47.5
<i>Eteone longa</i>	0.68	0	1.01	1.08	1.12	48.61
<i>Cauleriella alata</i>	0.63	0	1	0.99	1.11	49.73
<i>Amphipholis squamata</i>	0.68	0	0.93	0.88	1.03	50.76

**Groups Faunal Group E & Faunal Group I**

Average dissimilarity = 91.69

Species	Group E	Group I	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Sabellaria spinulosa</i>	1.92	0	3.11	1.12	3.39	3.39
<i>Spiophanes bombyx</i>	1.75	0.29	2.65	1.54	2.89	6.29
NEMERTEA	1.66	0.14	2.5	2.55	2.72	9.01
<i>Echinocyamus pusillus</i>	1.48	0.14	2.39	1.45	2.6	11.61
<i>Mediomastus fragilis</i>	1.39	0	2.13	1.56	2.32	13.93
<i>Lumbrineris cingulata</i>	1.22	0.14	1.84	1.71	2.01	15.94
OPHIUROIDEA	2	0.94	1.84	1.61	2	17.94
<i>Aonides paucibranchiata</i>	1.03	0	1.8	1.51	1.96	19.91
<i>Lagis koreni</i>	0.97	0	1.67	1.4	1.83	21.73
<i>Gastrosaccus spinifer</i>	0	0.95	1.66	1.2	1.81	23.54
<i>Kurtiella bidentata</i>	0.97	0	1.62	1.17	1.76	25.3
<i>Scalibregma inflatum</i>	0.95	0	1.59	1.36	1.73	27.04
<i>Glycera</i>	1.07	0.29	1.5	1.42	1.63	28.67
<i>Glycera lapidum</i>	0.9	0.23	1.48	1.29	1.62	30.29
<i>Pholoe baltica</i> (sensu petersen)	0.96	0	1.47	1.21	1.6	31.89
ACTINIARIA	0.98	0	1.44	1.36	1.57	33.46
<i>Abludomelita obtusata</i>	0.92	0	1.43	0.81	1.56	35.03
NEMATODA	0.9	0	1.4	1.36	1.53	36.56
<i>Grania</i>	0.82	0	1.4	1.08	1.53	38.09
<i>Ophiura albida</i>	0.83	0	1.39	0.95	1.52	39.61
<i>Notomastus latericeus</i>	0.76	0	1.15	1.11	1.26	40.87
<i>Polinices pulchellus</i>	0.66	0	1.14	1.08	1.25	42.11
<i>Owenia fusiformis</i>	0.69	0	1.14	1.04	1.24	43.35
<i>Eunereis longissima</i>	0.77	0	1.14	1.15	1.24	44.59

<i>Chaetozone zetlandica</i>	0.61	0	1.13	0.97	1.24	45.83
<i>Ampelisca spinipes</i>	0.73	0	1.13	1.11	1.24	47.06
<i>Pisidia longicornis</i>	0.8	0	1.13	0.62	1.23	48.29
<i>Nephtys cirrosa</i>	0.32	0.77	1.11	1.16	1.22	49.51
<i>Cauleriella alata</i>	0.63	0	1.07	0.99	1.16	50.67

#### Groups Faunal Group E & Faunal Group J

Average dissimilarity = 82.69

Species	Group E	Group J	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Sabellaria spinulosa</i>	1.92	0.27	2.56	1.08	3.09	3.09
OPHIUROIDEA	2	0.59	2.08	1.68	2.52	5.61
<i>Mediomastus fragilis</i>	1.39	0.04	1.81	1.51	2.19	7.8
<i>Echinocyamus pusillus</i>	1.48	0.51	1.78	1.3	2.15	9.95
<i>Spiophanes bombyx</i>	1.75	0.85	1.72	1.27	2.08	12.03
<i>Lumbrineris cingulata</i>	1.22	0.09	1.65	1.81	2	14.03
NEMERTEA	1.66	0.74	1.39	1.44	1.68	15.71
<i>Kurtiella bidentata</i>	0.97	0.02	1.38	1.18	1.67	17.38
<i>Lagis koreni</i>	0.97	0.15	1.35	1.33	1.63	19.01
<i>Scalibregma inflatum</i>	0.95	0.1	1.31	1.33	1.59	20.6
<i>Aonides paucibranchiata</i>	1.03	0.4	1.28	1.27	1.55	22.15
<i>Abludomelita obtusata</i>	0.92	0.19	1.28	0.87	1.54	23.69
<i>Pholoe baltica</i> (sensu petersen)	0.96	0.04	1.27	1.21	1.53	25.23
ACTINIARIA	0.98	0.04	1.25	1.34	1.51	26.74
<i>Glycera lapidum</i>	0.9	0.23	1.2	1.25	1.45	28.19
<i>Ophiura albida</i>	0.83	0.23	1.19	1.01	1.44	29.62
<i>Grania</i>	0.82	0.34	1.14	1.11	1.38	31.01
NEMATODA	0.9	0.35	1.13	1.25	1.36	32.37
<i>Glycera</i>	1.07	0.6	1.1	1.21	1.34	33.71
<i>Polycirrus</i>	0.46	0.75	1.08	1.11	1.31	35.02
<i>Nephtys cirrosa</i>	0.32	0.88	1.08	1.24	1.31	36.32
<i>Ophelia borealis</i>	0.49	0.68	1.03	1.07	1.24	37.57
<i>Pisidia longicornis</i>	0.8	0.02	1	0.63	1.21	38.78
<i>Notomastus latericeus</i>	0.76	0.08	1	1.11	1.21	39.98
<i>Eunereis longissima</i>	0.77	0.01	0.99	1.15	1.2	41.18
<i>Ampelisca spinipes</i>	0.73	0.02	0.98	1.12	1.18	42.36
<i>Owenia fusiformis</i>	0.69	0.02	0.98	1.05	1.18	43.54
<i>Chaetozone zetlandica</i>	0.61	0.06	0.95	0.98	1.15	44.69
<i>Polinices pulchellus</i>	0.66	0.21	0.93	1.07	1.13	45.82
<i>Eteone longa</i>	0.68	0.06	0.92	1.08	1.11	46.93
<i>Cauleriella alata</i>	0.63	0.04	0.91	1	1.1	48.03
<i>Amphipholis squamata</i>	0.68	0.02	0.87	0.89	1.05	49.08
<i>Urothoe elegans</i>	0.64	0.02	0.84	0.9	1.02	50.09

#### Groups Faunal Group F & Faunal Group B

Average dissimilarity = 92.48

Species	Group F	Group B	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Ophiocten affinis</i>	1.19	0	7.25	4.64	7.84	7.84
OPHIUROIDEA	1.5	0.3	7.12	1.96	7.69	15.53
<i>Polycirrus</i>	0	1.16	7.1	3.48	7.68	23.22
<i>Ophiura albida</i>	0.84	0	5.8	1.34	6.27	29.49
<i>Ophelia borealis</i>	0	0.89	5.3	1.54	5.73	35.22
<i>Spisula</i>	0	0.75	4.54	1.53	4.91	40.13
<i>Goodallia triangularis</i>	0	0.65	3.85	0.91	4.16	44.3
<i>Abra</i>	0.67	0	3.83	1.25	4.14	48.44
<i>Urothoe brevicornis</i>	0.44	0.55	3.63	1.03	3.93	52.37



**Groups Faunal Group F & Faunal Group D**

Average dissimilarity = 84.74

Species	Group F	Group D	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
OPHIUROIDEA	1.5	0.14	8.47	2.48	10	10
<i>Moerella pygmaea</i>	0	1.08	6.59	4.11	7.77	17.77
<i>Ophiura albida</i>	0.84	0	5.91	1.29	6.97	24.74
<i>Ophiocten affinis</i>	1.19	0.56	4.78	1.43	5.64	30.39
<i>Nephtys cirrosa</i>	0.44	0.64	4.09	1.02	4.83	35.21
<i>Abra</i>	0.67	0	3.88	1.22	4.58	39.8
Ophiuridae	0.52	0.29	3.45	0.93	4.07	43.87
<i>Spisula elliptica</i>	0	0.6	3.27	1.02	3.86	47.73
SPATANGOIDA	0.33	0.48	3.23	0.89	3.81	51.54

**Groups Faunal Group F & Faunal Group I**

Average dissimilarity = 83.01

Species	Group F	Group I	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Ophiocten affinis</i>	1.19	0	8.14	3.6	9.81	9.81
<i>Gastrosaccus spinifer</i>	0	0.95	6.65	1.23	8.02	17.83
<i>Ophiura albida</i>	0.84	0	6.6	1.32	7.95	25.78
<i>Spisula elliptica</i>	0	0.71	4.8	1.37	5.78	31.56
<i>Nephtys cirrosa</i>	0.44	0.77	4.67	1.22	5.63	37.19
<i>Abra</i>	0.67	0	4.28	1.22	5.16	42.34
OPHIUROIDEA	1.5	0.94	3.87	0.99	4.66	47.01
<i>Glycera alba</i>	0.33	0	2.7	0.68	3.25	50.26

**Groups Faunal Group G & Faunal Group A**

Average dissimilarity = 89.87

Species	Group G	Group A	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
COPEPODA	0	1.05	9.18	2.84	10.21	10.21
<i>Urothoe brevicornis</i>	0.23	1.1	8.36	1.02	9.31	19.52
<i>Nephtys cirrosa</i>	1.23	0.3	8.14	1.61	9.05	28.57
<i>Spio goniocephala</i>	0	0.8	6.48	1.5	7.21	35.78
<i>Nephtys</i>	0.73	0	5.87	1.28	6.53	42.31
<i>Bathyporeia elegans</i>	0.76	0	5.52	0.99	6.14	48.46
<i>Magelona johnstoni</i>	0.63	0	5.48	0.96	6.1	54.56

**Groups Faunal Group G & Faunal Group B**

Average dissimilarity = 90.47

Species	Group G	Group B	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Nephtys cirrosa</i>	1.23	0	8.85	3.61	9.78	9.78
<i>Polycirrus</i>	0.09	1.16	8.02	2.55	8.86	18.64
<i>Ophelia borealis</i>	0.15	0.89	5.83	1.41	6.44	25.08
<i>Spisula</i>	0	0.75	5.34	1.56	5.91	30.99
<i>Bathyporeia elegans</i>	0.76	0	4.7	1.01	5.19	36.18
<i>Magelona johnstoni</i>	0.63	0	4.54	0.99	5.02	41.2
<i>Goodallia triangularis</i>	0	0.65	4.51	0.93	4.98	46.19
<i>Nephtys</i>	0.73	0.25	4.36	1.16	4.82	51

**Groups Faunal Group G & Faunal Group C**

Average dissimilarity = 89.49

Species	Group G	Group C	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Scoloplos armiger</i>	0.08	1.09	9.46	2.68	10.57	10.57
<i>Nephtys cirrosa</i>	1.23	0.5	6.35	1.3	7.09	17.67
<i>Nephtys</i>	0.73	0	6.11	1.3	6.83	24.5
<i>Bathyporeia elegans</i>	0.76	0	5.74	0.99	6.41	30.91
<i>Magelona johnstoni</i>	0.63	0	5.72	0.97	6.39	37.31
Ophiuridae	0	0.59	5.04	0.93	5.63	42.93
<i>Aglaophamus rubella</i>	0	0.5	4.84	0.91	5.41	48.34
<i>Magelona mirabilis</i>	0	0.5	4.84	0.91	5.41	53.75

**Groups Faunal Group G & Faunal Group D**

Average dissimilarity = 86.29

Species	Group G	Group D	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Moerella pygmaea</i>	0	1.08	7.82	3.63	9.06	9.06
<i>Nephtys</i>	0.73	0	5.01	1.28	5.81	14.87
<i>Bathyporeia elegans</i>	0.76	0	4.78	0.98	5.54	20.4
<i>Magelona johnstoni</i>	0.63	0	4.65	0.95	5.39	25.79
<i>Nephtys cirrosa</i>	1.23	0.64	4.48	1.12	5.2	30.98
<i>Ophiecten affinis</i>	0.08	0.56	4.36	0.82	5.06	36.04
<i>Spisula elliptica</i>	0	0.6	3.79	1.02	4.4	40.44
<i>Polinices pulchellus</i>	0.25	0.46	3.74	0.86	4.34	44.77
SPATANGOIDA	0	0.48	3.63	0.81	4.21	48.98
<i>Gastrosaccus spinifer</i>	0.34	0.14	2.62	0.72	3.04	52.02

**Groups Faunal Group G & Faunal Group E**

Average dissimilarity = 94.76

Species	Group G	Group E	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
OPHIUROIDEA	0.08	2	3.05	2.49	3.22	3.22
<i>Sabellaria spinulosa</i>	0.08	1.92	2.98	1.1	3.15	6.36
<i>Spiophanes bombyx</i>	0	1.75	2.98	1.82	3.14	9.51
<i>Echinocyamus pusillus</i>	0	1.48	2.5	1.56	2.63	12.14
NEMERTEA	0.19	1.66	2.37	2.38	2.51	14.65
<i>Mediomastus fragilis</i>	0	1.39	2.09	1.55	2.2	16.85
<i>Lumbrineris cingulata</i>	0	1.22	1.97	1.96	2.08	18.93
<i>Aonides paucibranchiata</i>	0.08	1.03	1.69	1.47	1.79	20.72
<i>Lagis koreni</i>	0	0.97	1.64	1.4	1.73	22.45
<i>Glycera</i>	0.15	1.07	1.62	1.53	1.71	24.16
<i>Kurtiella bidentata</i>	0	0.97	1.59	1.17	1.67	25.83
<i>Scalibregma inflatum</i>	0	0.95	1.56	1.36	1.65	27.47
<i>Nephtys cirrosa</i>	1.23	0.32	1.54	1.59	1.62	29.1
<i>Glycera lapidum</i>	0	0.9	1.47	1.32	1.56	30.65
<i>Pholoe baltica</i> (sensu petersen)	0	0.96	1.45	1.21	1.53	32.18
ACTINIARIA	0	0.98	1.42	1.36	1.5	33.68
<i>Abludomelita obtusata</i>	0	0.92	1.41	0.81	1.49	35.16
NEMATODA	0	0.9	1.38	1.36	1.46	36.62
<i>Grania</i>	0	0.82	1.37	1.08	1.45	38.07
<i>Ophiura albida</i>	0	0.83	1.37	0.95	1.44	39.51
<i>Bathyporeia elegans</i>	0.76	0.03	1.23	0.95	1.3	40.81
<i>Notomastus latericeus</i>	0	0.76	1.13	1.11	1.2	42.01
<i>Eunereis longissima</i>	0	0.77	1.12	1.15	1.18	43.18
<i>Owenia fusiformis</i>	0	0.69	1.12	1.04	1.18	44.36
<i>Ampelisca spinipes</i>	0	0.73	1.11	1.11	1.17	45.54
<i>Chaetozone zetlandica</i>	0	0.61	1.11	0.97	1.17	46.71
<i>Pisidia longicornis</i>	0	0.8	1.11	0.62	1.17	47.88
<i>Magelona johnstoni</i>	0.63	0	1.07	0.96	1.13	49.01
<i>Nephtys</i>	0.73	0.4	1.07	1.14	1.13	50.14

**Groups Faunal Group G & Faunal Group F**

Average dissimilarity = 90.73

Species	Group G	Group F	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
OPHIUROIDEA	0.08	1.5	9.05	2.82	9.97	9.97
<i>Ophiecten affinis</i>	0.08	1.19	7.19	2.5	7.92	17.89
<i>Ophiura albida</i>	0	0.84	6.19	1.3	6.82	24.71
<i>Nephtys cirrosa</i>	1.23	0.44	5.41	1.45	5.96	30.67
<i>Nephtys</i>	0.73	0	4.43	1.29	4.88	35.55
<i>Bathyporeia elegans</i>	0.76	0	4.26	0.97	4.7	40.25
<i>Magelona johnstoni</i>	0.63	0	4.08	0.95	4.5	44.75
<i>Abra</i>	0	0.67	4.04	1.21	4.45	49.2
<i>Goniada maculata</i>	0.17	0.33	2.78	0.75	3.06	52.26

**Groups Faunal Group G & Faunal Group I**

Average dissimilarity = 81.79

<b>Species</b>	<b>Group G</b>	<b>Group I</b>	<b>Av.Diss</b>	<b>Diss/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
	<b>Av.Abund</b>	<b>Av.Abund</b>				
<i>Gastrosaccus spinifer</i>	0.34	0.95	7.2	1.09	8.81	8.81
OPHIUROIDEA	0.08	0.94	7.07	1.7	8.65	17.46
<i>Spisula elliptica</i>	0	0.71	5.8	1.34	7.09	24.55
<i>Nephtys</i>	0.73	0	5.62	1.28	6.87	31.42
<i>Bathyporeia elegans</i>	0.76	0	5.3	0.98	6.49	37.9
<i>Magelona johnstoni</i>	0.63	0	5.24	0.96	6.4	44.31
<i>Nephtys cirrosa</i>	1.23	0.77	4.24	0.9	5.19	49.49
<i>Glycera</i>	0.15	0.29	2.83	0.69	3.46	52.95

**Groups Faunal Group G & Faunal Group J**

Average dissimilarity = 84.84

<b>Species</b>	<b>Group G</b>	<b>Group J</b>	<b>Av.Diss</b>	<b>Diss/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
	<b>Av.Abund</b>	<b>Av.Abund</b>				
<i>Spiophanes bombyx</i>	0	0.85	3.7	1.16	4.36	4.36
<i>Bathyporeia elegans</i>	0.76	0.04	3.27	0.96	3.85	8.21
NEMERTEA	0.19	0.74	3.26	1.14	3.84	12.05
<i>Polycirrus</i>	0.09	0.75	3.19	1.03	3.76	15.81
<i>Nephtys</i>	0.73	0.19	3.11	1.15	3.67	19.48
<i>Magelona johnstoni</i>	0.63	0.01	3.04	0.94	3.59	23.07
<i>Ophelia borealis</i>	0.15	0.68	3.01	0.92	3.55	26.62
<i>Glycera</i>	0.15	0.6	2.58	0.96	3.04	29.65
OPHIUROIDEA	0.08	0.59	2.56	0.88	3.02	32.67
<i>Ophiocten affinis</i>	0.08	0.46	2.11	0.79	2.49	35.16
<i>Nephtys cirrosa</i>	1.23	0.88	2.1	0.89	2.48	37.64
<i>Echinocyamus pusillus</i>	0	0.51	2.04	0.72	2.4	40.04
<i>Gastrosaccus spinifer</i>	0.34	0.2	1.86	0.75	2.19	42.23
<i>Ophelia</i>	0.23	0.31	1.83	0.68	2.15	44.38
<i>Glycera oxycephala</i>	0.23	0.28	1.78	0.72	2.1	46.48
<i>Aonides paucibranchiata</i>	0.08	0.4	1.77	0.71	2.08	48.57
<i>Spisula</i>	0	0.36	1.66	0.62	1.96	50.53

**Groups Faunal Group H & Faunal Group A**

Average dissimilarity = 90.52

<b>Species</b>	<b>Group H</b>	<b>Group A</b>	<b>Av.Diss</b>	<b>Diss/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
	<b>Av.Abund</b>	<b>Av.Abund</b>				
<i>Spiophanes bombyx</i>	1.21	0	5.63	1.72	6.22	6.22
<i>Urothoe brevicornis</i>	0.61	1.1	5.33	1.2	5.89	12.11
COPEPODA	0.07	1.05	5.05	2.47	5.57	17.68
<i>Nephtys cirrosa</i>	0.84	0.3	3.76	1.17	4.16	21.84
<i>Polinices pulchellus</i>	0.77	0	3.6	1.22	3.98	25.82
<i>Spio goniocephala</i>	0.26	0.8	3.39	1.27	3.75	29.56
<i>Scoloplos armiger</i>	0.68	0	3.3	0.94	3.64	33.21
<i>Fabulina fabula</i>	0.69	0	3.17	0.91	3.5	36.71
OPHIUROIDEA	0.7	0	3.15	0.95	3.48	40.19
<i>Bathyporeia elegans</i>	0.62	0	3.07	0.9	3.39	43.58
<i>Ophelia borealis</i>	0.43	0.33	2.69	0.83	2.97	46.55
<i>Nephtys</i>	0.51	0	2.51	0.83	2.77	49.32
<i>Goniada maculata</i>	0.46	0	2.18	0.78	2.41	51.73

**Groups Faunal Group H & Faunal Group B**

Average dissimilarity = 89.00

Species	Group H	Group B	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Polycirrus</i>	0.03	1.16	5.12	2.98	5.76	5.76
<i>Spiophanes bombyx</i>	1.21	0	5.08	1.76	5.7	11.46
<i>Nephtys cirrosa</i>	0.84	0	3.8	1.32	4.27	15.73
<i>Ophelia borealis</i>	0.43	0.89	3.32	1.26	3.73	19.47
<i>Spisula</i>	0.1	0.75	3.19	1.42	3.58	23.05
<i>Urothoe brevicornis</i>	0.61	0.55	3.02	1.08	3.4	26.45
<i>Polinices pulchellus</i>	0.77	0.25	3	1.19	3.37	29.82
OPHIUROIDEA	0.7	0.3	2.98	1.02	3.35	33.17
<i>Scoloplos armiger</i>	0.68	0	2.96	0.96	3.32	36.49
<i>Fabulina fabula</i>	0.69	0	2.87	0.92	3.22	39.71
<i>Goodallia triangularis</i>	0	0.65	2.86	0.94	3.22	42.93
<i>Bathyporeia elegans</i>	0.62	0	2.75	0.92	3.09	46.02
<i>Pontocrates altamarinus</i>	0.07	0.55	2.4	0.96	2.7	48.72
<i>Nephtys</i>	0.51	0.25	2.39	0.93	2.69	51.41

**Groups Faunal Group H & Faunal Group C**

Average dissimilarity = 86.23

Species	Group H	Group C	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Spiophanes bombyx</i>	1.21	0	5.79	1.74	6.71	6.71
<i>Polinices pulchellus</i>	0.77	0	3.71	1.23	4.3	11.01
<i>Nephtys cirrosa</i>	0.84	0.5	3.39	1.16	3.93	14.94
<i>Scoloplos armiger</i>	0.68	1.09	3.34	1.18	3.87	18.81
<i>Fabulina fabula</i>	0.69	0	3.26	0.91	3.78	22.59
OPHIUROIDEA	0.7	0	3.24	0.96	3.75	26.34
<i>Urothoe brevicornis</i>	0.61	0	3.21	0.83	3.72	30.07
<i>Bathyporeia elegans</i>	0.62	0	3.16	0.91	3.66	33.73
Ophiuridae	0.23	0.59	3.08	0.97	3.57	37.3
<i>Abra alba</i>	0.33	0.5	2.88	0.97	3.34	40.64
<i>Echinocyamus pusillus</i>	0.25	0.5	2.71	0.97	3.15	43.79
<i>Magelona mirabilis</i>	0.02	0.5	2.69	0.93	3.12	46.91
<i>Aglaophamus rubella</i>	0.11	0.5	2.69	0.94	3.12	50.03

**Groups Faunal Group H & Faunal Group D**

Average dissimilarity = 87.78

Species	Group H	Group D	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Moerella pygmaea</i>	0	1.08	4.82	3.83	5.49	5.49
<i>Spiophanes bombyx</i>	1.21	0.14	4.74	1.55	5.4	10.89
<i>Scoloplos armiger</i>	0.68	0	2.97	0.94	3.39	14.28
<i>Polinices pulchellus</i>	0.77	0.46	2.89	1.11	3.29	17.57
<i>Nephtys cirrosa</i>	0.84	0.64	2.88	1.07	3.28	20.85
<i>Fabulina fabula</i>	0.69	0	2.87	0.9	3.27	24.12
OPHIUROIDEA	0.7	0.14	2.87	0.97	3.27	27.39
<i>Urothoe brevicornis</i>	0.61	0	2.8	0.82	3.19	30.58
<i>Bathyporeia elegans</i>	0.62	0	2.76	0.9	3.15	33.73
<i>Ophiecten affinis</i>	0.1	0.56	2.71	0.83	3.08	36.82
<i>Spisula elliptica</i>	0.07	0.6	2.46	1.04	2.81	39.62
SPATANGOIDA	0.26	0.48	2.42	0.89	2.75	42.37
<i>Nephtys</i>	0.51	0	2.26	0.83	2.57	44.95
<i>Ophelia borealis</i>	0.43	0.14	2.13	0.76	2.43	47.38
<i>Goniada maculata</i>	0.46	0	1.97	0.78	2.24	49.62
<i>Spio goniocephala</i>	0.26	0.31	1.88	0.74	2.14	51.76

**Groups Faunal Group H & Faunal Group E**

Average dissimilarity = 86.41

Species	Group H	Group E	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Sabellaria spinulosa</i>	0.09	1.92	2.61	1.09	3.02	3.02
OPHIUROIDEA	0.7	2	1.98	1.6	2.29	5.31
<i>Echinocyamus pusillus</i>	0.25	1.48	1.96	1.44	2.27	7.59
NEMERTEA	0.31	1.66	1.94	2.05	2.25	9.83
<i>Mediomastus fragilis</i>	0.04	1.39	1.81	1.52	2.09	11.92
<i>Lumbrineris cingulata</i>	0.03	1.22	1.69	1.93	1.95	13.88
<i>Aonides paucibranchiata</i>	0.07	1.03	1.48	1.48	1.71	15.59
<i>Glycera</i>	0.11	1.07	1.44	1.62	1.67	17.26
<i>Spiophanes bombyx</i>	1.21	1.75	1.43	1.2	1.65	18.92
<i>Lagis koreni</i>	0.1	0.97	1.37	1.35	1.58	20.5
<i>Kurtiella bidentata</i>	0.06	0.97	1.35	1.18	1.57	22.06
<i>Scalibregma inflatum</i>	0.09	0.95	1.32	1.34	1.53	23.59
<i>Glycera lapidum</i>	0.04	0.9	1.26	1.32	1.46	25.05
<i>Pholoe baltica</i> (sensu petersen)	0.05	0.96	1.26	1.21	1.46	26.52
ACTINIARIA	0.02	0.98	1.25	1.35	1.45	27.96
<i>Abludomelita obtusata</i>	0.02	0.92	1.24	0.83	1.44	29.4
<i>Ophiura albida</i>	0.36	0.83	1.2	1.05	1.39	30.79
NEMATODA	0.05	0.9	1.19	1.36	1.38	32.17
<i>Grania</i>	0	0.82	1.19	1.09	1.38	33.55
<i>Nephtys cirrosa</i>	0.84	0.32	1.07	1.19	1.24	34.8
<i>Pisidia longicornis</i>	0.02	0.8	1	0.63	1.15	35.95
<i>Notomastus latericeus</i>	0.02	0.76	0.99	1.11	1.15	37.1
<i>Scoloplos armiger</i>	0.68	0.23	0.99	1	1.15	38.25
<i>Fabulina fabula</i>	0.69	0	0.99	0.89	1.14	39.39
<i>Eunereis longissima</i>	0.02	0.77	0.98	1.15	1.14	40.53
<i>Urothoe brevicornis</i>	0.61	0.2	0.98	0.89	1.13	41.66
<i>Ampelisca spinipes</i>	0.02	0.73	0.98	1.12	1.13	42.79
<i>Owenia fusiformis</i>	0.02	0.69	0.97	1.05	1.13	43.92
<i>Chaetozone zetlandica</i>	0.01	0.61	0.95	0.98	1.1	45.02
<i>Polinices pulchellus</i>	0.77	0.66	0.92	1.09	1.06	46.08
<i>Ophelia borealis</i>	0.43	0.49	0.92	0.96	1.06	47.14
<i>Eteone longa</i>	0.03	0.68	0.92	1.09	1.06	48.2
<i>Caulleriella alata</i>	0.01	0.63	0.91	1	1.05	49.25
<i>Bathyporeia elegans</i>	0.62	0.03	0.91	0.91	1.05	50.3

**Groups Faunal Group H & Faunal Group F**

Average dissimilarity = 82.90

Species	Group H	Group F	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Ophiocten affinis</i>	0.1	1.19	4.61	2.61	5.57	5.57
<i>Spiophanes bombyx</i>	1.21	0.33	4.06	1.36	4.9	10.46
OPHIUROIDEA	0.7	1.5	3.92	1.31	4.73	15.19
<i>Ophiura albida</i>	0.36	0.84	3.4	1.18	4.1	19.29
<i>Nephtys cirrosa</i>	0.84	0.44	3.03	1.14	3.65	22.95
<i>Polinices pulchellus</i>	0.77	0	3.02	1.22	3.64	26.58
<i>Urothoe brevicornis</i>	0.61	0.44	2.8	0.94	3.37	29.96
<i>Scoloplos armiger</i>	0.68	0	2.74	0.94	3.3	33.26
<i>Fabulina fabula</i>	0.69	0	2.66	0.91	3.21	36.47
<i>Abra</i>	0.02	0.67	2.64	1.26	3.18	39.66
<i>Bathyporeia elegans</i>	0.62	0	2.55	0.91	3.07	42.73
<i>Goniada maculata</i>	0.46	0.33	2.14	0.92	2.58	45.31
<i>Nephtys</i>	0.51	0	2.08	0.83	2.51	47.82
Ophiuridae	0.23	0.52	2.08	0.82	2.51	50.32

**Groups Faunal Group H & Faunal Group G**

Average dissimilarity = 80.01

Species	Group H	Group G	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Spiophanes bombyx</i>	1.21	0	5.24	1.69	6.55	6.55
<i>Bathyporeia elegans</i>	0.62	0.76	3.46	1.11	4.32	10.87
<i>Polinices pulchellus</i>	0.77	0.25	3.16	1.15	3.95	14.81
<i>Urothoe brevicornis</i>	0.61	0.23	3.1	0.9	3.88	18.69
<i>Scoloplos armiger</i>	0.68	0.08	3.04	0.93	3.8	22.49
<i>Magelona johnstoni</i>	0.36	0.63	3	1.01	3.75	26.25
<i>Fabulina fabula</i>	0.69	0	2.95	0.9	3.69	29.94
OPHIUROIDEA	0.7	0.08	2.95	0.96	3.69	33.62
<i>Nephtys</i>	0.51	0.73	2.81	1.08	3.51	37.13
<i>Nephtys cirrosa</i>	0.84	1.23	2.47	0.95	3.08	40.22
<i>Ophelia</i>	0.42	0.23	2.21	0.78	2.76	42.98
<i>Goniada maculata</i>	0.46	0.17	2.18	0.84	2.73	45.71
<i>Ophelia borealis</i>	0.43	0.15	2.15	0.75	2.68	48.39
<i>Chaetozone christiei</i>	0.43	0	1.81	0.71	2.26	50.66

**Groups Faunal Group H & Faunal Group I**

Average dissimilarity = 85.11

Species	Group H	Group I	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Spiophanes bombyx</i>	1.21	0.29	4.78	1.41	5.61	5.61
<i>Gastrosaccus spinifer</i>	0.18	0.95	4.4	1.15	5.17	10.78
<i>Polinices pulchellus</i>	0.77	0	3.5	1.22	4.12	14.9
OPHIUROIDEA	0.7	0.94	3.4	1.2	3.99	18.89
<i>Spisula elliptica</i>	0.07	0.71	3.32	1.32	3.9	22.79
<i>Scoloplos armiger</i>	0.68	0	3.2	0.94	3.76	26.55
<i>Fabulina fabula</i>	0.69	0	3.09	0.91	3.63	30.18
<i>Urothoe brevicornis</i>	0.61	0	3.02	0.82	3.55	33.73
<i>Bathyporeia elegans</i>	0.62	0	2.98	0.9	3.5	37.23
<i>Nephtys cirrosa</i>	0.84	0.77	2.86	1.04	3.36	40.59
<i>Ophelia borealis</i>	0.43	0.29	2.45	0.84	2.87	43.47
<i>Nephtys</i>	0.51	0	2.44	0.83	2.86	46.33
<i>Goniada maculata</i>	0.46	0	2.12	0.78	2.49	48.82
<i>Ophelia</i>	0.42	0	1.96	0.65	2.31	51.13

**Groups Faunal Group H & Faunal Group J**

Average dissimilarity = 81.25

Species	Group H	Group J	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Spiophanes bombyx</i>	1.21	0.85	2.74	1.18	3.37	3.37
OPHIUROIDEA	0.7	0.59	2.39	1.08	2.94	6.31
<i>Polinices pulchellus</i>	0.77	0.21	2.36	1.15	2.9	9.21
<i>Ophelia borealis</i>	0.43	0.68	2.32	1.01	2.85	12.06
<i>Polycirrus</i>	0.03	0.75	2.31	1.05	2.85	14.91
<i>Scoloplos armiger</i>	0.68	0.1	2.24	0.96	2.75	17.66
NEMERTEA	0.31	0.74	2.22	1.13	2.73	20.39
<i>Fabulina fabula</i>	0.69	0.02	2.19	0.9	2.7	23.09
<i>Urothoe brevicornis</i>	0.61	0.2	2.16	0.89	2.66	25.75
<i>Bathyporeia elegans</i>	0.62	0.04	2.07	0.9	2.55	28.31
<i>Nephtys cirrosa</i>	0.84	0.88	1.97	1.02	2.42	30.73
<i>Glycera</i>	0.11	0.6	1.88	0.97	2.31	33.04
<i>Echinocyamus pusillus</i>	0.25	0.51	1.8	0.84	2.22	35.25
<i>Ophelia</i>	0.42	0.31	1.8	0.8	2.21	37.47
<i>Nephtys</i>	0.51	0.19	1.78	0.89	2.19	39.66
<i>Ophiocten affinis</i>	0.1	0.46	1.56	0.8	1.92	41.58
SPATANGOIDA	0.26	0.35	1.53	0.75	1.88	43.46
<i>Goniada maculata</i>	0.46	0.01	1.49	0.78	1.83	45.29
<i>Ophiura albida</i>	0.36	0.23	1.49	0.73	1.83	47.12
<i>Chaetozone christiei</i>	0.43	0.09	1.43	0.75	1.76	48.88
<i>Spio goniocephala</i>	0.26	0.25	1.4	0.71	1.72	50.61

**Groups Faunal Group I & Faunal Group B**

Average dissimilarity = 91.53

Species	Group I	Group B	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Polycirrus</i>	0.14	1.16	7.98	2.18	8.72	8.72
<i>Gastrosaccus spinifer</i>	0.95	0	7.44	1.3	8.13	16.85
<i>Ophelia borealis</i>	0.29	0.89	5.76	1.32	6.3	23.14
<i>Nephtys cirrosa</i>	0.77	0	5.74	1.46	6.27	29.42
<i>Spisula</i>	0	0.75	5.69	1.6	6.22	35.64
OPHIUROIDEA	0.94	0.3	5.69	1.46	6.21	41.85
<i>Spisula elliptica</i>	0.71	0	5.35	1.46	5.85	47.7
<i>Goodallia triangularis</i>	0	0.65	4.8	0.94	5.24	52.94

**Groups Faunal Group I & Faunal Group D**

Average dissimilarity = 82.53

Species	Group I	Group D	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Moerella pygmaea</i>	0	1.08	8.34	4.19	10.11	10.11
<i>Gastrosaccus spinifer</i>	0.95	0.14	7.01	1.19	8.5	18.61
OPHIUROIDEA	0.94	0.14	6.56	1.6	7.94	26.55
<i>Ophiocten affinis</i>	0	0.56	4.6	0.8	5.58	32.13
<i>Nephtys cirrosa</i>	0.77	0.64	4.44	1.01	5.39	37.51
<i>Spisula elliptica</i>	0.71	0.6	4.2	0.93	5.09	42.61
SPATANGOIDA	0	0.48	3.88	0.81	4.7	47.31
<i>Polinices pulchellus</i>	0	0.46	3.75	0.8	4.55	51.86

**Groups Faunal Group J & Faunal Group A**

Average dissimilarity = 89.43

Species	Group J	Group A	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Urothoe brevicornis</i>	0.2	1.1	5.27	1	5.9	5.9
COPEPODA	0.09	1.05	5.11	2.12	5.71	11.61
<i>Spiophanes bombyx</i>	0.85	0	3.98	1.17	4.45	16.06
<i>Nephtys cirrosa</i>	0.88	0.3	3.98	1.2	4.45	20.51
<i>Spio goniocephala</i>	0.25	0.8	3.53	1.23	3.95	24.46
<i>Polycirrus</i>	0.75	0	3.44	1.04	3.85	28.31
<i>Ophelia borealis</i>	0.68	0.33	3.43	0.96	3.84	32.14
NEMERTEA	0.74	0.25	3.32	1.09	3.71	35.85
<i>Glycera</i>	0.6	0	2.73	0.94	3.05	38.9
OPHIUROIDEA	0.59	0	2.71	0.86	3.03	41.93
<i>Aonides paucibranchiata</i>	0.4	0.25	2.34	0.81	2.62	44.55
<i>Echinocyamus pusillus</i>	0.51	0	2.18	0.73	2.44	46.99
<i>Ophiocten affinis</i>	0.46	0	2.17	0.76	2.43	49.42
<i>Pontocrates altamarinus</i>	0.1	0.3	1.98	0.61	2.22	51.63

**Groups Faunal Group J & Faunal Group B**

Average dissimilarity = 82.53

Species	Group J	Group B	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Nephtys cirrosa</i>	0.88	0	4.18	1.47	5.06	5.06
<i>Spiophanes bombyx</i>	0.85	0	3.58	1.2	4.33	9.4
<i>Ophelia borealis</i>	0.68	0.89	3.26	1.14	3.95	13.34
<i>Polycirrus</i>	0.75	1.16	3.15	1.11	3.82	17.16
NEMERTEA	0.74	0.3	3.06	1.15	3.71	20.87
<i>Spisula</i>	0.36	0.75	2.99	1.23	3.63	24.5
<i>Goodallia triangularis</i>	0.12	0.65	2.96	0.95	3.59	28.08
OPHIUROIDEA	0.59	0.3	2.71	0.96	3.28	31.37
<i>Urothoe brevicornis</i>	0.2	0.55	2.58	0.96	3.13	34.5
<i>Pontocrates altamarinus</i>	0.1	0.55	2.48	0.94	3.01	37.5
<i>Glycera</i>	0.6	0	2.46	0.96	2.98	40.49
<i>Glycera oxycephala</i>	0.28	0.5	2.37	0.95	2.87	43.36
<i>Echinocyamus pusillus</i>	0.51	0	1.98	0.74	2.4	45.76
<i>Ophiocten affinis</i>	0.46	0	1.95	0.77	2.37	48.13
<i>Polinices pulchellus</i>	0.21	0.25	1.63	0.69	1.97	50.1

**Groups Faunal Group J & Faunal Group C**

Average dissimilarity = 91.48

Species	Group J	Group C	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Scoloplos armiger</i>	0.1	1.09	5.41	2.31	5.91	5.91
<i>Spiophanes bombyx</i>	0.85	0	4.1	1.18	4.48	10.39
NEMERTEA	0.74	0	3.7	1.19	4.04	14.43
<i>Polycirrus</i>	0.75	0	3.54	1.04	3.87	18.3
<i>Nephtys cirrosa</i>	0.88	0.5	3.36	1.09	3.67	21.97
<i>Ophelia borealis</i>	0.68	0	3.33	0.9	3.64	25.6
Ophiuridae	0.2	0.59	3.2	0.95	3.5	29.1
<i>Echinocyamus pusillus</i>	0.51	0.5	3.15	1.04	3.44	32.54
<i>Aglaophamus rubella</i>	0.09	0.5	2.82	0.91	3.08	35.62
<i>Glycera</i>	0.6	0	2.8	0.95	3.07	38.69
<i>Magelona mirabilis</i>	0.01	0.5	2.79	0.9	3.05	41.74
OPHIUROIDEA	0.59	0	2.78	0.86	3.04	44.78
<i>Abra alba</i>	0.04	0.5	2.6	0.92	2.84	47.62
<i>Glycera alba</i>	0.01	0.5	2.58	0.92	2.82	50.44

**Groups Faunal Group J & Faunal Group D**

Average dissimilarity = 83.04

Species	Group J	Group D	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Moerella pygmaea</i>	0.18	1.08	4.32	2.02	5.2	5.2
<i>Spiophanes bombyx</i>	0.85	0.14	3.47	1.15	4.18	9.38
NEMERTEA	0.74	0	3.23	1.19	3.88	13.27
<i>Polycirrus</i>	0.75	0	3.11	1.04	3.75	17.02
<i>Ophiocten affinis</i>	0.46	0.56	3.02	0.96	3.64	20.66
<i>Ophelia borealis</i>	0.68	0.14	2.94	0.94	3.55	24.2
<i>Nephtys cirrosa</i>	0.88	0.64	2.79	1.03	3.37	27.57
SPATANGOIDA	0.35	0.48	2.64	0.92	3.18	30.75
<i>Spisula</i>	0.36	0.45	2.53	0.86	3.04	33.8
<i>Spisula elliptica</i>	0.21	0.6	2.52	1	3.04	36.84
OPHIUROIDEA	0.59	0.14	2.51	0.9	3.02	39.86
<i>Glycera</i>	0.6	0	2.47	0.94	2.98	42.83
<i>Polinices pulchellus</i>	0.21	0.46	2.32	0.84	2.79	45.62
<i>Echinocyamus pusillus</i>	0.51	0.14	2.17	0.8	2.61	48.23
<i>Aonides paucibranchiata</i>	0.4	0.29	2.01	0.84	2.41	50.65

**Groups Faunal Group J & Faunal Group F**

Average dissimilarity = 83.62

Species	Group J	Group F	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
OPHIUROIDEA	0.59	1.5	4.23	1.37	5.05	5.05
<i>Ophiura albida</i>	0.23	0.84	3.61	1.16	4.32	9.37
<i>Ophiocten affinis</i>	0.46	1.19	3.46	1.32	4.13	13.5
<i>Nephtys cirrosa</i>	0.88	0.44	3.12	1.19	3.73	17.24
<i>Spiophanes bombyx</i>	0.85	0.33	3.08	1.12	3.69	20.92
NEMERTEA	0.74	0	2.97	1.2	3.55	24.47
<i>Polycirrus</i>	0.75	0	2.88	1.04	3.44	27.91
<i>Abra</i>	0.01	0.67	2.7	1.23	3.23	31.14
<i>Ophelia borealis</i>	0.68	0	2.68	0.9	3.21	34.35
<i>Glycera</i>	0.6	0	2.29	0.95	2.73	37.08
Ophiuridae	0.2	0.52	2.16	0.8	2.58	39.67
<i>Spio goniocephala</i>	0.25	0.33	1.93	0.8	2.3	41.97
SPATANGOIDA	0.35	0.33	1.92	0.81	2.3	44.27
<i>Urothoe brevicornis</i>	0.2	0.44	1.86	0.79	2.22	46.49
<i>Echinocyamus pusillus</i>	0.51	0	1.85	0.73	2.21	48.69
<i>Glycera oxycephala</i>	0.28	0.33	1.68	0.8	2.01	50.7



**Groups Faunal Group J & Faunal Group I**

Average dissimilarity = 81.24

<b>Species</b>	<b>Group J</b>	<b>Group I</b>	<b>Av.Diss</b>	<b>Diss/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
	<b>Av.Abund</b>	<b>Av.Abund</b>				
<i>Gastrosaccus spinifer</i>	0.2	0.95	4.45	1.11	5.48	5.48
<i>Spiophanes bombyx</i>	0.85	0.29	3.63	1.13	4.47	9.95
OPHIUROIDEA	0.59	0.94	3.43	1.17	4.22	14.17
NEMERTEA	0.74	0.14	3.34	1.13	4.12	18.29
<i>Polycirrus</i>	0.75	0.14	3.3	1.04	4.06	22.35
<i>Spisula elliptica</i>	0.21	0.71	3.22	1.16	3.96	26.31
<i>Ophelia borealis</i>	0.68	0.29	3.18	0.96	3.92	30.23
<i>Glycera</i>	0.6	0.29	2.79	0.99	3.43	33.66
<i>Nephtys cirrosa</i>	0.88	0.77	2.67	0.94	3.29	36.94
<i>Echinocyamus pusillus</i>	0.51	0.14	2.31	0.8	2.85	39.79
<i>Ophiocten affinis</i>	0.46	0	2.11	0.76	2.6	42.39
<i>Spisula</i>	0.36	0	1.74	0.62	2.15	44.54
<i>Glycera lapidum</i>	0.23	0.23	1.72	0.59	2.12	46.66
SPATANGOIDA	0.35	0	1.68	0.58	2.07	48.72
<i>Aonides paucibranchiata</i>	0.4	0	1.65	0.67	2.03	50.75

**Apendix Table 13.** The results of RELATE and BEST analyses to identify relationships between the sediment and infauna sampled from the zonal area; and subsequently, to find the combination of sediment parameters that correlated most highly with the patterns observed in the infaunal communities.

**RELATE**

Parameters

Rank correlation method: Spearman

Sample statistic (Rho): <b>0.317</b>
Significance level of sample statistic: <b>0.1 %</b>
Number of permutations: <b>999</b>
Number of permuted statistics greater than or equal to Rho: <b>0</b>

**BEST**

Variables	
1	31500
2	16000
3	8000
4	4000
5	2000
6	1000
7	500
8	250
9	125
10	63
11	PAN

Correlations		
No.Vars	Corr.	Selections
5	0.380	3-5,7,11
5	0.379	3,4,7,10,11
5	0.378	3,5,7,10,11
5	0.378	3,4,6,7,11
4	0.377	3,4,7,11
5	0.377	1,3,4,7,11
5	0.377	3,5-7,11
5	0.377	1,3,5,7,11
4	0.377	3,5,7,11
5	0.376	2-4,7,11



SDC	Taxon Name	134T	136T	138T	156T	158T	160T	174T	176T	187T	189T	196T	201T	202T	212T	214T	225T
D0163	<i>Tubularia</i>	-	-	-	P	P	-	P	P	-	-	-	-	-	P	-	P
D0273	<i>Hydractinia echinata</i>	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
D0390	<i>Halecium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0433	<i>Sertularia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	P	-	-
D0462	<i>Nemertesia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	-
D0491	Campanulariidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0597	<i>Alcyonium digitatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0662	ACTINIARIA	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1339	<i>Pomatoceros</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0074	<i>Balanus</i>	-	-	-	P	-	-	P	P	-	-	P	P	-	-	-	P
S1362	<i>Sacculina carcini</i>	5	3	7	-	-	-	-	1	-	-	-	-	-	-	-	-
S1377	<i>Processa</i>	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
S1386	<i>Pandalus montaqui</i>	1	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-
S1384	<i>Philocheras</i>	1	25	10	14	15	12	12	6	14	2	12	2	15	24	13	33
S1384	<i>Crangon allmanni</i>	264	9	15	362	16	12	33	30	44	28	182	24	37	5	31	19
S1385	<i>Crangon crangon</i>	-	15	1	1	10	-	1	7	-	-	-	-	5	1	1	-
S1445	Paguridae	30	9	9	12	5	9	8	6	5	5	4	17	8	12	8	17
S1472	<i>Galathea intermedia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1504	<i>Eballia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1517	<i>Hyas</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
S1525	<i>Inachus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1529	<i>Macropodia</i>	-	-	-	1	-	-	-	-	1	-	-	2	-	-	2	-
S1552	<i>Corystes cassivelaunus</i>	-	1	2	3	-	3	-	-	-	-	-	-	2	-	1	-
S1555	<i>Atelecyclus rotundatus</i>	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1559	<i>Thia scutellata</i>	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
S1566	<i>Cancer pagurus</i>	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1580	<i>Liocarcinus depurator</i>	41	-	-	-	-	9	-	-	-	-	1	-	-	-	-	-
S1581	<i>Liocarcinus holsatus</i>	8	24	120	15	15	22	8	5	7	15	9	9	30	4	14	5
S1584	<i>Liocarcinus pusillus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1589	<i>Necora puber</i>	35	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
S1615	<i>Pilumnus hirtellus</i>	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W0491	<i>Pollinices pulchellus</i>	-	-	-	-	-	-	-	-	-	-	-	-	3	-	2	-
W0708	<i>Buccinum undatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1333	<i>Acanthodoris pilosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1267	<i>Dendronotus frondosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1695	<i>Mytilus edulis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1773	<i>Aequipecten opercularis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1805	Anomiidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1972	<i>Mactra stultorum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
W1975	<i>Spisula elliptica</i>	-	-	-	-	-	-	-	-	-	-	-	-	4	-	2	-
W2019	<i>Fabulina fabula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2041	<i>Donax vittatus</i>	-	2	1	-	-	-	1	-	-	-	-	-	-	-	-	-
W2059	<i>Abra alba</i>	8	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
W2062	<i>Abra prismatica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2104	<i>Timoclea ovata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2329	<i>Sepiolo atlantica</i>	-	1	-	-	1	1	-	-	-	1	1	-	1	2	1	1
W2336	<i>Lolligo</i>	-	1	-	1	-	-	-	-	-	-	-	-	2	8	2	1
Y0076	<i>Alcyonidium diaphanum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0081	<i>Alcyonidium parasiticum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0172	<i>Conopeum reticulum</i>	-	-	-	P	-	-	-	-	-	-	-	-	-	-	-	-
Y0178	<i>Electra pilosa</i>	-	-	-	-	-	-	-	P	-	-	-	-	-	-	-	-
Y0187	<i>Flustra foliacea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P
Y0467	<i>Schizomavella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZB0100	<i>Asterias rubens</i>	125	5	6	4	3	11	2	-	6	6	15	81	1	1	3	-
ZB0168	<i>Ophiura albida</i>	296	26	65	162	18	130	139	125	148	150	172	180	408	145	210	24
ZB0170	<i>Ophiura ophiura</i>	90	49	47	150	34	56	59	26	27	29	64	24	227	49	165	3
ZB0193	<i>Psammochinus milliariis</i>	11	-	-	-	-	-	-	-	-	-	1	11	-	-	-	-
ZB0219	<i>Spatangus purpureus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZB0223	<i>Echinocardium cordatum</i>	-	6	1	1	1	1	-	3	-	3	-	-	-	-	-	-
ZD0146	<i>Molgula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZF0028	<i>Scyllorhinus canicula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZF0089	<i>Raja clavata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0038	<i>Sprattus sprattus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0116	<i>Gadus morhua</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0123	<i>Merlangius merlangus</i>	9	2	1	12	4	1	1	-	-	-	1	2	2	-	-	-
ZG0140	<i>Rhinonemus cimbrius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0144	<i>Trisopterus minutus</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ZG0246	<i>Syngnathus rostellatus</i>	-	-	1	-	-	-	1	-	-	-	-	-	-	2	-	-
ZG0260	Triglidae	-	-	-	-	-	1	1	1	1	-	-	-	1	-	-	1
ZG0262	<i>Aspitrigla cuculus</i>	-	-	-	-	1	-	1	-	1	-	-	-	-	1	-	1
ZG0265	<i>Eutrigla gurnardus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0269	<i>Trigla lucerna</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0281	<i>Myoxocephalus scorpius</i>	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0291	<i>Agonus cataphractus</i>	27	2	2	8	1	5	1	-	-	1	3	-	2	1	1	-
ZG0296	<i>Liparis liparis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0338	<i>Trachurus trachurus</i>	-	-	-	1	-	2	-	-	5	3	2	-	-	-	1	-
ZG0374	<i>Mullus surmuletus</i>	1	1	-	-	2	-	-	-	1	-	-	1	-	-	-	-
ZG0403	<i>Trachinus draco</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0405	<i>Echiichthys vipera</i>	2	46	8	7	68	1	32	28	36	35	18	1	14	7	9	11
ZG0440	<i>Pholis gunnellus</i>	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0442	<i>Ammodytes</i>	8	9	26	3	15	2	7	6	3	6	2	1	14	18	23	5
ZG0449	<i>Hyperoplus lanceolatus</i>	-	-	-	-	-	-	-	-	-	-	2	-	-	1	1	1
ZG0452	<i>Callionymus lyra</i>	24	14	23	16	21	32	8	17	10	17	13	5	5	11	2	8
ZG0455	Gobiidae	384	80	73	45	58	50	58	53	139	56	54	34	30	26	28	51
ZG0554	<i>Psetta maxima</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ZG0556	<i>Scophthalmus rhombus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0562	<i>Arnoglossus laterna</i>	7	10	13	12	9	14	11	10	7	9	2	4	11	7	13	7
ZG0572	<i>Limanda limanda</i>	58	10	18	15	11	9	19	11	2	7	5	7	14	8	9	

SDC	Taxon Name	227T	235T	237T	267T	304T	308T	326T	328T	336T	350T	352T	372T	375T	390T	415T	428T
D0163	Tubularia	-	P	-	-	-	-	-	-	P	-	-	-	-	P	-	-
D0273	Hydractinia echinata	P	P	-	P	P	P	P	P	P	P	P	P	P	P	P	P
D0390	Halecium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	Diphasia	-	-	-	P	-	-	P	-	-	-	-	-	-	-	-	-
D0424	Hydrallmania falcata	-	-	-	P	-	-	P	-	P	-	-	-	P	P	-	-
D0433	Sertularia	P	-	-	-	-	-	P	-	P	-	-	-	-	-	-	-
D0462	Nemertesia	P	-	-	-	-	-	P	-	P	-	-	-	-	P	-	-
D0491	Campanulariidae	-	P	-	-	-	-	P	-	-	-	-	-	-	-	-	-
D0597	Alcyonium digitatum	-	-	-	-	-	-	-	-	P	-	-	-	-	-	-	-
D0662	ACTINIARIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0019	Aphrodita aculeata	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
P1339	Pomatoceros	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0074	Balanus	P	P	P	-	-	P	-	-	P	P	P	P	P	P	P	P
S1362	Processa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
S1377	Pandalus montaquii	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
S1386	Philocheiras	9	24	24	8	-	-	8	-	-	-	-	40	19	6	-	2
S1384	Crangon allmanni	49	1080	544	680	1928	700	140	3688	536	###	2520	2496	210	7	19	65
S1385	Crangon crangon	-	169	152	57	-	-	193	64	-	-	-	10	3	-	-	-
S1445	Paguridae	9	32	45	12	5	4	20	1	110	220	49	42	9	15	46	16
S1472	Galathea intermedia	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
S1504	Eballia	-	-	-	-	1	-	-	-	4	-	-	-	-	-	-	-
S1517	Hyas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1525	Inachus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1529	Macropodia	1	-	-	3	-	1	-	32	15	-	-	16	1	6	7	9
S1552	Corystes cassivelaunus	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-
S1555	Atelecyclus rotundatus	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-
S1559	Thia scutellata	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
S1566	Cancer pagurus	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-
S1580	Liocarcinus depurator	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
S1581	Liocarcinus holsatus	1	95	63	45	41	28	23	122	11	123	50	16	10	-	4	10
S1584	Liocarcinus pusillus	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-
S1589	Necora puber	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-
S1615	Pilumnus hirtellus	-	-	-	-	-	-	-	-	13	-	-	-	-	-	-	-
W0491	Pollinices pulchellus	-	4	1	1	-	-	-	-	8	-	-	-	1	-	9	-
W0708	Buccinum undatum	-	-	1	-	-	-	-	-	1	-	-	1	-	-	-	-
W1333	Acanthodoris pilosa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1267	Dendronotus frondosus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
W1695	Mytilus edulis	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1773	Aequipecten opercularis	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-
W1805	Anomiidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1972	Maetra stultorum	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1975	Spisula elliptica	1	-	4	-	-	2	-	-	-	45	7	11	1	7	1	-
W2019	Fabulina fabula	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
W2041	Donax vittatus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2059	Abra alba	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
W2062	Abra prismatica	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-
W2104	Timoclea ovata	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
W2329	Sepiolo atlantica	3	48	33	15	-	15	-	9	-	-	-	18	18	-	13	21
W2336	Lolligo	1	4	41	-	1	4	-	8	9	-	-	4	6	6	18	24
Y0076	Alcyonidium diaphanum	-	-	-	-	-	-	P	-	-	-	-	-	-	P	P	P
Y0081	Alcyonidium parasiticum	P	-	-	-	-	-	-	-	P	-	-	-	-	-	-	-
Y0172	Conopeum reticulum	-	P	-	-	-	-	-	-	-	-	-	-	P	P	-	-
Y0178	Electra pilosa	-	-	-	P	-	-	P	-	P	P	-	-	-	P	-	-
Y0187	Flustra foliacea	-	-	-	-	-	-	-	P	-	-	-	-	-	-	-	-
Y0467	Schizomavella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZB0100	Asterias rubens	2	15	24	-	-	5	-	-	177	5	17	1	11	5	7	-
ZB0168	Ophiura albida	18	1700	1376	89	146	50	7	344	976	-	1672	-	269	160	29	2
ZB0170	Ophiura ophiura	15	396	576	40	31	24	15	256	13	43	10	-	19	7	16	4
ZB0193	Psammechinus milliaris	-	-	-	-	-	-	-	-	165	-	-	1	1	3	4	3
ZB0219	Spatangus purpureus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZB0223	Echinocardium cordatum	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-
ZD0146	Molgula	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZF0028	Scyllorhinus canicula	-	-	-	-	-	-	-	-	5	-	2	-	-	-	4	1
ZF0089	Raja clavata	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0038	Sprattus sprattus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0116	Gadus morhua	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
ZG0123	Merlangius merlangus	-	35	56	22	58	6	44	24	30	16	20	36	11	-	8	6
ZG0140	Rhinonemus cimbricus	-	-	-	-	-	1	-	-	4	-	1	-	-	-	-	-
ZG0144	Trisopterus minutus	-	1	-	14	-	2	1	4	-	2	-	-	-	-	-	1
ZG0246	Syngnathus rostellatus	-	-	1	-	-	-	10	-	-	1	-	-	-	1	-	-
ZG0260	Triglidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0262	Aspitrigla cuculus	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
ZG0265	Eutrigla gurnardus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0269	Trigla lucerna	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0281	Myoxocephalus scorpius	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0291	Agonus cataphractus	-	4	7	31	2	21	6	10	-	1	3	3	2	-	-	1
ZG0296	Liparis liparis	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
ZG0338	Trachurus trachurus	1	-	-	-	-	1	-	-	-	-	-	-	1	-	2	4
ZG0374	Mullus surmuletus	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-
ZG0403	Trachinus draco	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0405	Echiichthys vipera	5	3	18	7	23	1	8	7	4	1	3	5	11	12	13	36
ZG0440	Pholis gunnellus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0442	Ammodytes	-	2	4	-	3	1	8	2	-	2	1	2	-	-	-	2
ZG0449	Hyperoplus lanceolatus	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	1
ZG0452	Callionymus lyra	4	5	4	-	-	3	-	3	8	-	1	4	9	7	-	-
ZG0455	Gobiidae	41	14	260	39	15	27	70	60	-	-	24	32	80	10	26	35
ZG0554	Psetta maxima	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
ZG0556	Scophthalmus rhombus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0562	Arnoglossus laterna	5	13	10	13	5	4	3	1	4	1	14	-	5	1	-	1
ZG0572	Limanda limanda	3	8	36	-	10	2	47	2	14	1	11	-	12	12	2	3
ZG0574	Microstomus kitt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0578	Pleuronectes platessa	1	3	1	2	-	-	-	-	-	-	-	-	2	5	-	-
ZG0585	Buglossidium luteum	80	160	200	22	47	2	10	13	7	5	11	-	11	2	-	-
ZG0591	Solea solea	1	-	-	1	-	12	1	1	2	1	1	-	-	-	9	4

SDC	Taxon Name	430T	432T	434T	466T	470T	472T	488T	490T	507T	509T	529T	531T	532T	554T	556T	558T
D0163	<i>Tubularia</i>	P	-	-	-	P	-	-	-	P	P	P	P	P	P	-	P
D0273	<i>Hydractinia echinata</i>	P	P	P	-	P	P	-	-	P	P	-	-	-	P	P	P
D0390	<i>Halecium</i>	-	-	-	-	P	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	-	P	-	-	P	-	-	-
D0424	<i>Hydrallmania falcata</i>	P	-	-	P	-	-	-	-	P	-	-	-	-	-	-	-
D0433	<i>Sertularia</i>	P	-	-	P	-	-	P	-	-	-	-	P	-	-	-	-
D0462	<i>Nemertesia</i>	-	P	-	-	-	-	-	-	P	-	P	-	-	-	P	P
D0491	Campanulariidae	-	-	-	P	-	-	-	-	-	-	-	-	-	-	-	-
D0597	<i>Alcyonium digitatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0662	ACTINIARIA	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3	-
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1339	<i>Pomatoceros</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0074	<i>Balanus</i>	P	P	P	-	P	P	-	-	P	P	-	-	-	-	P	-
S1362	<i>Sacculina carcini</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1362	<i>Processa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1377	<i>Pandalus montagui</i>	-	80	-	-	-	-	-	-	-	-	1	-	-	2	3	-
S1386	<i>Philocheiras</i>	15	-	2	-	-	3	8	16	-	20	16	1	7	5	-	20
S1384	<i>Crangon allmanni</i>	101	16	7	120	92	9	40	20	72	40	180	25	12	110	150	-
S1385	<i>Crangon crangon</i>	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1445	Paguridae	30	186	65	9	12	9	2	13	43	3	17	42	26	15	65	47
S1472	<i>Galathea intermedia</i>	-	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1504	<i>Eballia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1517	<i>Hyas</i>	-	32	-	-	-	-	-	4	-	-	-	-	-	-	-	-
S1525	<i>Inachus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1529	<i>Macropodia</i>	3	32	5	9	4	5	4	-	10	4	5	1	1	-	9	1
S1552	<i>Coryistes cassivelaunus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1555	<i>Atelecyclus rotundatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1559	<i>Thia scutellata</i>	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-
S1566	<i>Cancer pagurus</i>	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1580	<i>Liocarcinus depurator</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1581	<i>Liocarcinus holsatus</i>	13	368	2	8	2	-	4	4	15	4	12	-	4	12	8	-
S1584	<i>Liocarcinus pusillus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1589	<i>Necora puber</i>	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1615	<i>Pilumnus hirtellus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W0491	<i>Pollinices pulchellus</i>	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
W0708	<i>Buccinum undatum</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1
W1333	<i>Acanthodoris pilosa</i>	-	-	1	-	-	1	-	-	-	-	-	-	2	-	-	-
W1267	<i>Dendronotus frondosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1695	<i>Mytilus edulis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1773	<i>Aequipecten opercularis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
W1805	Anomiidae	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
W1972	<i>Mactra stultorum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1975	<i>Spisula elliptica</i>	2	-	-	-	1	1	1	5	1	1	2	1	-	1	5	-
W2019	<i>Fabulina fabula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2041	<i>Donax vittatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2059	<i>Abra alba</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2062	<i>Abra prismatica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2104	<i>Timoclea ovata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2329	<i>Sepiolo atlantica</i>	9	-	1	1	6	1	-	-	-	1	4	-	1	-	2	-
W2336	<i>Lolligo</i>	-	16	1	-	-	4	1	-	-	-	-	1	-	-	-	1
Y0076	<i>Alcyonidium diaphanum</i>	-	-	-	-	-	-	-	-	P	-	P	-	-	P	P	P
Y0081	<i>Alcyonidium parasiticum</i>	-	-	-	-	-	-	-	-	P	-	-	-	P	-	-	-
Y0172	<i>Conopeum reticulum</i>	-	-	-	-	-	-	-	-	-	-	-	-	P	-	-	-
Y0178	<i>Electra pilosa</i>	P	-	-	-	P	-	-	-	P	P	-	-	P	-	-	-
Y0187	<i>Flustra foliacea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0467	<i>Schizomavella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	-
ZB0100	<i>Asterias rubens</i>	2	177	10	4	-	1	-	4	24	1	5	5	6	4	12	11
ZB0168	<i>Ophiura albida</i>	213	-	31	4	-	6	-	10	-	-	9	-	3	1	7	2
ZB0170	<i>Ophiura ophiura</i>	5	-	-	4	-	1	1	-	-	-	-	-	-	-	-	-
ZB0193	<i>Psammochinus millaris</i>	12	1	8	-	-	3	-	14	12	2	37	2	8	2	30	13
ZB0219	<i>Spatangus purpureus</i>	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-
ZB0223	<i>Echinocardium cordatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZD0146	<i>Molgula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZF0028	<i>Scyllorhinus canicula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZF0089	<i>Raja clavata</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
ZG0038	<i>Sprattus sprattus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0116	<i>Gadus morhua</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0123	<i>Merlangius merlangus</i>	-	-	-	4	1	1	4	-	-	-	3	-	-	2	2	3
ZG0140	<i>Rhinonemus cimbrius</i>	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0144	<i>Trisopterus minutus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0246	<i>Syngnathus rostellatus</i>	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0260	Triglidae	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-
ZG0262	<i>Aspitrigla cuculus</i>	-	3	-	-	-	1	-	-	-	-	-	1	-	-	-	1
ZG0265	<i>Eutrigla gurnardus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0269	<i>Trigla lucerna</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
ZG0281	<i>Myoxocephalus scorpius</i>	-	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0291	<i>Agonus cataphractus</i>	1	-	1	2	1	-	-	1	1	-	1	-	-	3	1	-
ZG0296	<i>Liparis liparis</i>	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ZG0338	<i>Trachurus trachurus</i>	3	-	-	-	1	-	-	3	-	4	3	-	1	-	-	1
ZG0374	<i>Mullus surmuletus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
ZG0403	<i>Trachinus draco</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
ZG0405	<i>Echiichthys vipera</i>	13	-	27	2	14	14	12	6	5	43	83	59	33	7	28	47
ZG0440	<i>Pholis gunnellus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0442	<i>Ammodytes</i>	1	-	-	32	1	-	-	1	1	7	2	2	4	-	-	2
ZG0449	<i>Hyperoplus lanceolatus</i>	-	-	-	1	-	-	-	2	1	7	2	1	-	-	-	-
ZG0452	<i>Callionymus lyra</i>	-	36	6	-	1	-	-	1	6	1	3	9	1	2	14	7
ZG0455	Gobiidae	37	-	17	43	33	52	52	80	60	188	129	24	60	42	100	180
ZG0554	<i>Psetta maxima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0556	<i>Scophthalmus rhombus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0562	<i>Arnoglossus laterna</i>	-	1	1	-	-	-	1	-	-	3	2	3	2	1	5	3
ZG0572	<i>Limanda limanda</i>	5	7	17	7	-	2	-	5	7	8	16	3	4	2	5	21
ZG0574	<i>Microstomus kitt</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0578	<i>Pleuronectes platessa</i>	1	-	4	-	-	-	-	3	2	-	1	1	1	3	4	2
ZG0585	<i>Buglossidium luteum</i>	-	-	3	-	-	1	-	2	-	8	-	3	3	3	3	5
ZG0591	<i>Solea solea</i>	-	-	-	2	1	-	-	-	-	1	-	-	-	1	1	-

SDC	Taxon Name	561T	566T	585T	616T	632T	642T	677T	683T	695T	712T	713T	716T	717T	718T
D0163	<i>Tubularia</i>	P	-	-	P	P	P	P	-	P	P	P	-	-	P
D0273	<i>Hydractinia echinata</i>	P	P	-	P	P	P	-	P	P	P	P	P	P	P
D0390	<i>Halecium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	-	-	-	P	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	-	-	-	-	-	-	-	-	-	P	-	-
D0433	<i>Sertularia</i>	-	-	P	-	-	-	-	-	-	-	-	P	-	P
D0462	<i>Nemertesia</i>	-	P	P	P	P	P	P	-	-	P	P	-	-	-
D0491	Campanulariidae	-	-	-	-	-	-	-	-	-	-	-	P	-	-
D0597	<i>Alcyonium digitatum</i>	-	-	P	-	-	-	-	-	-	-	-	-	-	-
D0662	ACTINIARIA	-	-	-	2	-	100	-	-	-	-	-	100	-	1
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1339	<i>Pomatoceros</i>	-	-	-	-	-	P	-	-	-	-	-	-	-	-
R0074	<i>Balanus</i>	P	P	-	P	P	P	-	P	P	-	-	P	-	P
S1362	<i>Saccullina carcini</i>	-	-	-	-	-	-	-	-	-	-	-	-	2	-
S1377	<i>Processa</i>	-	-	-	-	-	-	3	-	-	-	-	-	-	-
S1377	<i>Pandalus montaquii</i>	-	-	-	-	1	-	-	-	-	-	1	72	-	-
S1386	<i>Philocheras</i>	13	-	2	7	19	2	41	6	15	5	6	-	8	2
S1384	<i>Crangon allmanni</i>	6	-	-	-	2	-	2	27	25	15	50	464	344	160
S1385	<i>Crangon crangon</i>	-	-	-	-	-	-	-	-	-	-	-	-	8	-
S1445	Paguridae	27	9	42	26	6	24	12	7	34	15	12	76	10	21
S1472	<i>Galathea intermedia</i>	1	-	-	1	P	-	-	-	-	-	-	16	-	-
S1504	<i>Eballia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1517	<i>Hyas</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
S1525	<i>Inachus</i>	-	-	-	-	-	-	-	-	-	1	-	-	-	-
S1529	<i>Macropodia</i>	6	11	13	10	15	1	2	-	1	-	1	26	-	3
S1552	<i>Corystes cassivelaunus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1555	<i>Atelecyclus rotundatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1559	<i>Thia scutellata</i>	1	-	-	-	-	-	-	-	1	-	-	-	-	-
S1566	<i>Cancer pagurus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1580	<i>Liocarcinus depurator</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1581	<i>Liocarcinus holsatus</i>	10	5	2	4	14	1	15	-	4	1	1	8	37	10
S1584	<i>Liocarcinus pusillus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1589	<i>Necora puber</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1615	<i>Pilumnus hirtellus</i>	-	-	-	-	1	2	-	-	-	-	-	-	-	-
W0491	<i>Pollinices pulchellus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W0708	<i>Buccinum undatum</i>	-	-	-	-	-	1	1	-	-	-	-	-	-	-
W1333	<i>Acanthodoris pilosa</i>	-	-	-	2	-	-	-	-	1	-	-	-	-	-
W1267	<i>Dendronotus frondosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1695	<i>Mytilus edulis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1773	<i>Aequipecten opercularis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1805	Anomiidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1972	<i>Macra stultorum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1975	<i>Spisula elliptica</i>	7	4	-	1	-	2	2	1	-	2	-	1	1	-
W2019	<i>Fabulina fabula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2041	<i>Donax vittatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2059	<i>Abra alba</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2062	<i>Abra prismatica</i>	-	-	-	-	-	-	-	-	-	-	-	1	-	-
W2104	<i>Timoclea ovata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2329	<i>Sepiolo atlantica</i>	-	-	-	-	-	-	-	-	1	-	-	8	36	6
W2336	<i>Lolligo</i>	-	-	1	-	-	2	-	1	-	-	-	-	-	2
Y0076	<i>Alcyonium diaphanum</i>	P	-	P	-	-	-	P	-	P	-	-	P	-	P
Y0081	<i>Alcyonium parasiticum</i>	-	-	-	-	-	P	-	-	-	P	-	-	-	-
Y0172	<i>Conopeum reticulum</i>	P	-	-	-	-	P	-	-	-	-	-	-	-	P
Y0178	<i>Electra pilosa</i>	P	-	P	P	-	P	-	-	P	-	-	P	-	-
Y0187	<i>Flustra foliacea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0467	<i>Schizomavella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZB0100	<i>Asterias rubens</i>	52	10	23	35	28	26	18	1	3	5	1	28	10	-
ZB0168	<i>Ophiura albida</i>	72	16	58	27	17	-	27	-	5	14	6	120	188	1
ZB0170	<i>Ophiura ophiura</i>	2	-	-	-	1	-	4	-	1	-	-	1	56	1
ZB0193	<i>Psammochinus millaris</i>	5	1	31	2	8	9	8	-	1	1	4	21	-	-
ZB0219	<i>Spatangus purpureus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZB0223	<i>Echinocardium cordatum</i>	-	-	-	-	1	-	1	-	-	-	-	-	-	-
ZD0146	<i>Molgula</i>	P	-	-	-	-	12	-	-	-	-	-	-	-	-
ZF0028	<i>Scyllorhynchus canicula</i>	-	-	-	-	-	-	-	-	-	-	-	1	-	-
ZF0089	<i>Raja clavata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0038	<i>Sprattus sprattus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0116	<i>Gadus morhua</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0123	<i>Merlangius merlangus</i>	1	-	-	-	-	-	-	-	-	-	-	2	22	2
ZG0140	<i>Rhinonemus cimbrius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0144	<i>Trisopterus minutus</i>	-	-	-	-	-	-	-	-	-	-	-	1	1	-
ZG0246	<i>Syngnathus rostellatus</i>	3	-	-	-	-	-	-	-	-	-	1	-	-	-
ZG0260	Triglidae	2	-	-	-	-	-	-	-	-	2	-	-	-	-
ZG0262	<i>Aspitrigla cuculus</i>	-	-	2	-	-	-	-	-	-	-	-	-	-	-
ZG0265	<i>Eutrigla gurnardus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0269	<i>Trigla lucerna</i>	1	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0281	<i>Myoxocephalus scorpius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0291	<i>Agonus cataphractus</i>	-	-	1	-	1	-	-	-	-	-	1	1	9	-
ZG0296	<i>Liparis liparis</i>	-	-	-	-	1	-	-	-	-	-	-	-	-	-
ZG0338	<i>Trachurus trachurus</i>	-	-	-	-	-	-	-	-	3	-	-	-	-	16
ZG0374	<i>Mullus surmuletus</i>	2	2	-	-	-	-	-	-	-	-	4	-	-	-
ZG0403	<i>Trachinus draco</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0405	<i>Echiichthys vipera</i>	22	11	20	17	3	9	19	24	72	50	27	6	15	9
ZG0440	<i>Pholis gunnellus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0442	<i>Ammodytes</i>	1	2	4	1	1	1	3	-	2	3	2	-	4	-
ZG0449	<i>Hyperoplus lanceolatus</i>	-	-	-	-	-	-	1	3	-	-	-	-	-	-
ZG0452	<i>Callionymus lyra</i>	9	1	6	7	1	4	5	-	5	15	9	5	7	-
ZG0455	Gobiidae	47	24	20	15	30	1	209	44	100	50	100	4	23	50
ZG0554	<i>Psetta maxima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0556	<i>Scophthalmus rhombus</i>	-	-	-	-	-	-	-	-	1	-	-	-	-	-
ZG0562	<i>Arnoglossus laterna</i>	3	1	-	-	1	2	-	-	6	8	3	1	13	-
ZG0572	<i>Limanda limanda</i>	12	6	9	5	2	2	3	4	9	4	7	2	6	3
ZG0574	<i>Microstomus kitt</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0578	<i>Pleuronectes platessa</i>	5	-	5	-	1	-	-	3	1	2	-	-	-	-
ZG0585	<i>Buglossidium luteum</i>	10	4	-	2	1	3	1	3	5	4	1	1	48	1
ZG0591	<i>Solea solea</i>	-	-	-	-	1	-	-	-	-	1	-	-	-	1







SDC	Taxon Name	235T	237T	267T	304T	308T	326T	328T	336T	350T	352T	372T	375T	390T	415T	428T	430T
D0163	<i>Tubularia</i>	2	-	-	-	-	-	-	5	-	-	-	-	1	-	-	2
D0273	<i>Hydractinia echinata</i>	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1
D0390	<i>Halecium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphyasia</i>	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	1	-	-	1	-	5	1	-	-	3	5	-	-	1
D0433	<i>Sertularia</i>	-	-	-	-	-	15	-	25	-	-	-	-	-	-	-	4
D0462	<i>Nemertesia</i>	-	-	-	-	-	10	-	5	-	-	-	-	1	-	-	-
D0491	Campanulariidae	2	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-
D0597	<i>Alcyonium digitatum</i>	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-
D0662	ACTINIARIA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-
P1339	<i>Pomatoceros</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0074	<i>Balanus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1362	<i>Sacculina carcini</i>	-	1	10	4	4	-	12	2	3	-	-	-	-	-	-	-
S1377	<i>Processa</i>	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	-
S1377	<i>Pandalus montaqui</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1386	<i>Philocheras</i>	24	24	8	-	-	8	-	-	-	-	40	19	6	-	2	15
S1384	<i>Crangon allmanni</i>	1080	544	680	1928	700	140	3688	536	14768	2520	2496	210	7	19	65	101
S1385	<i>Crangon crangon</i>	169	152	80	-	-	260	64	-	-	-	20	3	-	-	-	3
S1445	Paguridae	200	550	50	50	15	100	5	380	1400	782	260	80	125	400	200	150
S1472	<i>Galathea intermedia</i>	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
S1504	<i>Eballia</i>	-	-	-	1	-	-	-	4	-	-	-	-	-	-	-	-
S1517	<i>Hyas</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1525	<i>Inachus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1529	<i>Macropodia</i>	-	-	10	-	1	-	32	30	-	-	16	1	10	10	15	3
S1552	<i>Corystes cassivelaunus</i>	-	5	-	20	-	-	-	-	-	-	-	-	-	-	-	-
S1555	<i>Atelecyclus rotundatus</i>	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-	-
S1559	<i>Thia scutellata</i>	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
S1566	<i>Cancer pagurus</i>	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-
S1580	<i>Liocarcinus depurator</i>	-	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-
S1581	<i>Liocarcinus holsatus</i>	650	1000	200	200	100	100	480	45	600	908	104	30	-	50	40	40
S1584	<i>Liocarcinus pusillus</i>	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-
S1589	<i>Necora puber</i>	15	-	-	15	20	-	-	-	-	-	-	-	-	-	-	-
S1615	<i>Pilumnus hirtellus</i>	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-
W0491	<i>Polinices pulchellus</i>	4	1	1	-	-	-	8	-	-	-	-	1	-	20	-	1
W0708	<i>Buccinum undatum</i>	-	50	-	-	-	-	-	50	-	-	-	20	-	-	-	-
W1333	<i>Acanthodoris pilosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1267	<i>Dendronotus frondosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
W1695	<i>Mytilus edulis</i>	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1773	<i>Aequipecten opercularis</i>	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-	-
W1805	Anomiidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1972	<i>Mactra stultorum</i>	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1975	<i>Spisula elliptica</i>	-	15	-	-	10	-	-	-	200	20	30	5	7	15	-	10
W2019	<i>Fabulina fabula</i>	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2041	<i>Donax vittatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2059	<i>Abra alba</i>	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
W2062	<i>Abra prismatica</i>	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-
W2104	<i>Timoclea ovata</i>	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-
W2329	<i>Sepiola atlantica</i>	48	33	15	-	15	-	9	-	-	-	18	18	-	30	21	9
W2336	<i>Loligo</i>	4	41	-	1	4	-	8	9	-	-	4	6	6	20	24	-
Y0076	<i>Alcyonidium diaphanum</i>	-	-	-	-	-	15	-	-	-	-	-	-	5	15	5	-
Y0081	<i>Alcyonidium parasiticum</i>	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Y0172	<i>Conopeum reticulum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0178	<i>Electra pilosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0187	<i>Flustra foliacea</i>	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Y0467	<i>Schizomavella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZB0100	<i>Asterias rubens</i>	88	800	-	100	80	-	-	288	100	900	30	200	25	150	-	20
ZB0168	<i>Ophiura albida</i>	1700	1376	89	146	50	7	344	976	-	1672	-	269	8	30	5	220
ZB0170	<i>Ophiura ophiura</i>	396	576	120	31	75	40	256	40	200	30	-	50	7	100	10	20
ZB0193	<i>Psammecinus miliaris</i>	-	-	-	-	-	-	-	940	-	-	5	5	15	30	15	200
ZB0219	<i>Spatangus purpureus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZB0223	<i>Echinocardium cordatum</i>	-	-	-	50	-	-	-	-	-	-	-	-	-	25	-	-
ZD0146	<i>Molgula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZF0028	<i>Scyllorhinus canicula</i>	-	-	-	-	-	-	-	1150	-	750	-	-	-	750	70	-
ZF0089	<i>Raja clavata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0038	<i>Sprattus sprattus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0116	<i>Gadus morhua</i>	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	-
ZG0123	<i>Merlangius merlangus</i>	450	800	300	500	200	800	700	3000	500	2300	550	550	-	550	350	-
ZG0140	<i>Rhinonemus cimbrius</i>	-	-	-	-	70	-	-	100	-	50	-	-	-	-	-	-
ZG0144	<i>Trisopterus minutus</i>	5	-	300	-	40	10	40	-	15	-	-	-	-	-	20	-
ZG0246	<i>Syngnathus rostellatus</i>	-	10	-	-	-	75	-	-	10	-	-	-	5	-	-	-
ZG0260	Triglidae	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0262	<i>Aspitrigla cuculus</i>	200	-	-	-	-	-	-	150	-	-	-	-	-	-	-	-
ZG0265	<i>Eutrigla gurnardus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0269	<i>Trigla lucerna</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0281	<i>Myoxocephalus scorpius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0291	<i>Agonus cataphractus</i>	20	40	100	10	250	100	50	-	5	20	15	10	-	-	20	10
ZG0296	<i>Liparis liparis</i>	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-
ZG0338	<i>Trachurus trachurus</i>	-	-	-	-	5	-	-	-	-	-	-	5	-	5	30	15
ZG0374	<i>Mullus surmuletus</i>	-	-	-	10	-	-	-	-	-	-	-	80	-	-	-	-
ZG0403	<i>Trachinus draco</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0405	<i>Echlichthys vipera</i>	120	300	100	400	10	300	150	150	10	40	120	100	250	200	500	175
ZG0440	<i>Pholis gunnellus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0442	<i>Ammodytes</i>	30	60	-	70	30	30	20	-	30	30	10	-	-	-	20	20
ZG0449	<i>Hyperoplus lanceolatus</i>	-	-	-	-	-	-	-	-	80	80	-	-	-	-	50	-
ZG0452	<i>Callionymus lyra</i>	90	60	-	-	150	-	200	150	-	10	100	150	100	-	-	-
ZG0455	Gobiidae	14	260	39	15	27	70	60	-	-	24	32	80	10	26	35	37
ZG0554	<i>Psetta maxima</i>	-	-	-	-	-	-	-	-	-	-	-	2200	-	-	-	-
ZG0556	<i>Scophthalmus rhombus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0562	<i>Arnoglossus laterna</i>	300	300	300	100	120	100	20	130	15	350	-	35	15	-	15	-
ZG0572	<i>Limanda limanda</i>	300	1300	-	500	450	140	400	1300	15	1050	-	400	650	250	200	200
ZG0574	<i>Microstomus kitt</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0578	<i>Pleuronectes platessa</i>	1250	200	400	-	-	-	-	-	-	-	-	550	1300	-	-	150
ZG0585	<i>Buglossidium luteum</i>	1600	1300	300	400	20	125	100	70	50	120	-	100	25	-	-	-
ZG0591	<i>Solea solea</i>	-	-	100	-	200	120	150	250	30	150	-	-	-	450	250	-

SDC	Taxon Name	432T	434T	466T	470T	472T	488T	490T	507T	509T	529T	531T	532T	554T	556T	558T	561T
D0163	<i>Tubularia</i>	-	-	-	5	-	-	-	1	1	15	1	15	5	-	5	5
D0273	<i>Hydractinia echinata</i>	1	1	-	1	1	-	-	1	1	-	-	-	1	1	1	1
D0390	<i>Halecium</i>	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	5	-	-	-	-	1	-	-	-	-	-	-	-	-
D0433	<i>Sertularia</i>	-	-	10	-	-	5	-	-	-	-	1	-	-	-	-	-
D0462	<i>Nemertesia</i>	160	-	-	-	-	-	-	1	-	1	-	-	-	30	5	-
D0491	Campanulariidae	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-
D0597	<i>Alcyonium digitatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D0662	ACTINIARIA	-	-	-	-	-	-	-	-	-	10	-	-	-	5	-	-
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
P1339	<i>Pomatoceros</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R0074	<i>Balanus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1362	<i>Sacculina carcini</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1377	<i>Processa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1377	<i>Pandalus montagui</i>	80	-	-	-	-	-	-	-	-	1	-	-	5	12	-	-
S1386	<i>Philocheras</i>	-	2	-	-	3	8	16	-	20	16	1	7	5	-	20	13
S1384	<i>Crangon allmanni</i>	16	7	120	92	9	40	20	72	40	180	25	12	110	150	-	6
S1385	<i>Crangon crangon</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1445	Paguridae	1540	600	20	50	200	30	45	450	46	100	350	300	80	700	450	60
S1472	<i>Galathea intermedia</i>	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
S1504	<i>Eballia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1517	<i>Hyas</i>	32	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-
S1525	<i>Inachus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1529	<i>Macropodia</i>	32	40	10	10	15	4	-	20	25	5	1	1	-	20	5	15
S1552	<i>Corystes cassivelaunus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1555	<i>Atelecyclus rotundatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1559	<i>Thia scutellata</i>	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	2
S1566	<i>Cancer pagurus</i>	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1580	<i>Liocarcinus depurator</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1581	<i>Liocarcinus holsatus</i>	1600	15	30	10	-	25	20	20	50	50	-	20	40	60	-	10
S1584	<i>Liocarcinus pusillus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1589	<i>Necora puber</i>	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S1615	<i>Pilumnus hirtellus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W0491	<i>Polinices pulchellus</i>	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
W0708	<i>Buccinum undatum</i>	-	1	-	-	-	-	-	-	-	-	-	-	-	10	10	-
W1333	<i>Acanthodoris pilosa</i>	-	1	-	-	1	-	-	-	-	-	-	2	-	-	-	-
W1267	<i>Dendronotus frondosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1695	<i>Mytilus edulis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1773	<i>Aequipecten opercularis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-
W1805	Anomiidae	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-
W1972	<i>Mactra stultorum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W1975	<i>Spisula elliptica</i>	-	-	-	5	3	10	32	5	8	5	5	-	5	15	-	20
W2019	<i>Fabulina fabula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2041	<i>Donax vittatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2059	<i>Abra alba</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2062	<i>Abra prismatica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2104	<i>Timoclea ovata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
W2329	<i>Sepiolo atlantica</i>	-	1	5	25	1	-	-	1	5	-	1	-	-	5	-	-
W2336	<i>Loligo</i>	16	1	-	-	4	1	-	-	-	1	-	-	-	-	1	-
Y0076	<i>Alcyonidium diaphanum</i>	-	-	-	-	-	-	40	-	100	30	-	30	35	20	10	-
Y0081	<i>Alcyonidium parasiticum</i>	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Y0172	<i>Conopeum reticulum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0178	<i>Electra pilosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0187	<i>Flustra foliacea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0467	<i>Schizomavella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZB0100	<i>Asterias rubens</i>	2250	200	20	-	30	-	4	110	15	50	20	20	25	12	50	100
ZB0168	<i>Ophiura albida</i>	-	31	4	-	6	-	10	-	-	20	-	3	1	10	3	72
ZB0170	<i>Ophiura ophiura</i>	-	-	15	-	5	10	-	-	-	-	-	-	-	-	-	10
ZB0193	<i>Psammechinus miliaris</i>	5	40	-	-	15	-	200	80	40	300	15	20	10	150	100	25
ZB0219	<i>Spatangus purpureus</i>	-	-	-	-	-	-	-	700	-	-	-	-	-	-	-	-
ZB0223	<i>Echinocardium cordatum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZD0146	<i>Molgula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
ZF0028	<i>Scyllorhinus canicula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZF0089	<i>Raja clavata</i>	-	-	-	-	-	600	-	-	-	-	-	-	-	-	-	-
ZG0038	<i>Sprattus sprattus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0116	<i>Gadus morhua</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0123	<i>Merlangius merlangus</i>	-	-	220	150	150	450	-	-	-	400	-	-	250	200	350	10
ZG0140	<i>Rhinonemus cimbricus</i>	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0144	<i>Trisopterus minutus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0246	<i>Syngnathus rostellatus</i>	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	15
ZG0260	Triglidae	-	-	-	-	-	-	-	-	-	10	5	-	-	-	-	25
ZG0262	<i>Aspitrigla cuculus</i>	600	-	-	-	-	100	-	-	-	-	200	-	-	-	120	-
ZG0265	<i>Eutrigla gurnardus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0269	<i>Trigla lucerna</i>	-	-	-	-	-	-	175	-	-	-	-	-	-	-	-	250
ZG0281	<i>Myoxocephalus scorpius</i>	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0291	<i>Agonus cataphractus</i>	-	5	15	5	-	-	5	15	-	5	-	-	10	15	-	-
ZG0296	<i>Liparis liparis</i>	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0338	<i>Trachurus trachurus</i>	-	-	-	5	-	-	15	-	50	15	-	5	-	-	5	-
ZG0374	<i>Mullus surmuletus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	10
ZG0403	<i>Trachinus draco</i>	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-
ZG0405	<i>Echlichthys vipera</i>	-	300	25	250	200	100	50	60	400	500	500	350	150	250	400	300
ZG0440	<i>Pholis gunnellus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0442	<i>Ammodytes</i>	-	-	150	20	-	-	25	50	70	35	50	100	-	-	50	20
ZG0449	<i>Hyperoplus lanceolatus</i>	-	-	60	-	-	-	140	70	200	120	100	-	-	-	-	-
ZG0452	<i>Callionymus lyra</i>	190	100	-	20	-	-	70	275	5	100	250	15	50	300	100	120
ZG0455	Gobiidae	-	17	43	33	52	52	80	60	188	129	24	60	42	100	180	47
ZG0554	<i>Psetta maxima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0556	<i>Scophthalmus rhombus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0562	<i>Arnoglossus laterna</i>	15	15	-	-	-	20	-	-	50	60	40	30	15	150	30	30
ZG0572	<i>Limanda limanda</i>	750	800	200	-	250	-	350	200	200	450	150	400	5	15	100	400
ZG0574	<i>Microstomus kitt</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0578	<i>Pleuronectes platessa</i>	-	600	-	-	-	-	950	300	-	200	200	200	300	750	400	750
ZG0585	<i>Buglossidium luteum</i>	-	35	-	-	10	-	30	-	100	-	30	25	50	30	40	125
ZG0591	<i>Solea solea</i>	-	-	330	350	-	-	-	-	60	-	-	-	200	150	-	-

SDC	Taxon Name	566T	585T	616T	632T	642T	677T	683T	695T	712T	713T	716T	717T	718T
D0163	<i>Tubularia</i>	-	-	10	1	5	5	-	10	10	5	-	-	5
D0273	<i>Hydractinia echinata</i>	1	-	1	1	1	-	1	1	1	1	1	1	1
D0390	<i>Halecium</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
D0413	<i>Diphasia</i>	-	-	-	-	-	-	-	-	-	-	5	-	-
D0424	<i>Hydrallmania falcata</i>	-	-	-	-	-	-	-	-	-	-	1	-	-
D0433	<i>Sertularia</i>	-	20	-	-	-	-	-	-	-	-	5	-	1
D0462	<i>Nemertesia</i>	5	10	5	3	10	3	-	-	2	5	-	-	-
D0491	Campanulariidae	-	-	-	-	-	-	-	-	-	-	1	-	-
D0597	<i>Alcyonium digitatum</i>	-	5	-	-	-	-	-	-	-	-	-	-	-
D0662	ACTINIARIA	-	-	10	-	100	-	-	-	-	-	100	-	5
P0019	<i>Aphrodita aculeata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
P1339	<i>Pomatoceros</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
R0074	<i>Balanus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S1362	<i>Sacculina carcini</i>	-	-	-	-	-	-	-	-	-	-	-	4	-
S1377	<i>Processa</i>	-	-	-	-	-	3	-	-	-	-	-	-	-
S1377	<i>Pandalus montaquii</i>	-	-	-	1	-	-	-	-	-	1	72	-	-
S1386	<i>Philocheras</i>	-	2	7	19	2	41	6	15	5	6	-	8	2
S1384	<i>Crangon allmanni</i>	-	-	-	2	-	2	27	30	15	50	464	344	160
S1385	<i>Crangon crangon</i>	-	-	-	-	-	-	-	-	-	-	-	8	-
S1445	Paguridae	34	600	300	50	150	12	10	150	100	100	1060	120	90
S1472	<i>Galathea intermedia</i>	-	-	1	1	-	-	-	-	-	-	16	-	-
S1504	<i>Eballia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S1517	<i>Hyas</i>	-	-	-	1	-	-	-	-	-	-	-	-	-
S1525	<i>Inachus</i>	-	-	-	-	-	-	-	-	-	3	-	-	-
S1529	<i>Macropodia</i>	26	5	10	15	1	2	-	5	-	1	35	-	10
S1552	<i>Corystes cassivelaunus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S1555	<i>Ateleocyclus rotundatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S1559	<i>Thia scutellata</i>	-	-	-	-	-	-	-	2	-	-	-	-	-
S1566	<i>Cancer pagurus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S1580	<i>Liocarcinus depurator</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S1581	<i>Liocarcinus holsatus</i>	9	10	20	60	1	30	-	25	10	10	80	190	50
S1584	<i>Liocarcinus pusillus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S1589	<i>Necora puber</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
S1615	<i>Pilumnus hirtellus</i>	-	-	-	1	2	-	-	-	-	-	-	-	-
W0491	<i>Polinices pulchellus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W0708	<i>Buccinum undatum</i>	-	-	-	-	5	25	-	-	-	-	-	-	-
W1333	<i>Acanthodoris pilosa</i>	-	-	2	-	-	-	-	1	-	-	-	-	-
W1267	<i>Dendronotus frondosus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1695	<i>Mytilus edulis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1773	<i>Aequipecten opercularis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1805	Anomiidae	-	-	-	-	-	-	-	-	-	-	-	-	-
W1972	<i>Maetra stultorum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W1975	<i>Spisula elliptica</i>	8	-	2	-	10	2	10	-	5	-	3	3	-
W2019	<i>Fabulina fabula</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2041	<i>Donax vittatus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2059	<i>Abra alba</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2062	<i>Abra prismatica</i>	-	-	-	-	-	-	-	-	-	-	1	-	-
W2104	<i>Timoclea ovata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
W2329	<i>Sepiola atlantica</i>	-	-	-	-	-	-	-	2	-	-	15	36	6
W2336	<i>Loligo</i>	-	1	-	-	2	-	1	-	-	-	-	-	2
Y0076	<i>Alcyonidium diaphanum</i>	-	10	-	-	-	2	-	10	10	-	5	-	5
Y0081	<i>Alcyonidium parasiticum</i>	-	-	-	-	1	-	-	-	-	-	-	-	-
Y0172	<i>Conopeum reticulum</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0178	<i>Electra pilosa</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0187	<i>Flustra foliacea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
Y0467	<i>Schizomavella</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZB0100	<i>Asterias rubens</i>	38	150	300	350	150	100	20	20	35	10	350	300	-
ZB0168	<i>Ophiura albida</i>	16	58	27	17	-	27	-	10	20	6	120	188	2
ZB0170	<i>Ophiura ophiura</i>	-	-	-	1	-	10	-	10	-	-	5	200	2
ZB0193	<i>Psammechinus miliaris</i>	5	300	10	25	20	30	-	5	5	20	125	-	-
ZB0219	<i>Spatangus purpureus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZB0223	<i>Echinocardium cordatum</i>	-	-	-	50	-	50	-	-	-	-	-	-	-
ZD0146	<i>Molgula</i>	-	-	-	-	50	-	-	-	-	-	-	-	-
ZF0028	<i>Scyllorhinus canicula</i>	-	-	-	-	-	-	-	-	-	-	650	-	-
ZF0089	<i>Raja clavata</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0038	<i>Sprattus sprattus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0116	<i>Gadus morhua</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0123	<i>Merlangius merlangus</i>	-	-	-	-	-	-	-	-	-	-	300	300	300
ZG0140	<i>Rhinonemus cimbricus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0144	<i>Trisopterus minutus</i>	-	-	-	-	-	-	-	-	-	-	10	20	-
ZG0246	<i>Syngnathus rostellatus</i>	-	-	-	-	-	-	-	-	-	5	-	-	-
ZG0260	Triglidae	-	-	-	-	-	-	-	-	10	-	-	-	-
ZG0262	<i>Aspitrigla cuculus</i>	-	400	-	-	-	-	-	-	-	-	-	-	-
ZG0265	<i>Eutrigla gurnardus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0269	<i>Trigla lucerna</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0281	<i>Myoxocephalus scorpius</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0291	<i>Agonus cataphractus</i>	-	10	-	10	-	-	-	-	-	10	10	85	-
ZG0296	<i>Liparis liparis</i>	-	-	-	2	-	-	-	-	-	-	-	-	-
ZG0338	<i>Trachurus trachurus</i>	-	-	-	-	-	-	-	20	-	-	-	-	80
ZG0374	<i>Mullus surmuletus</i>	10	-	-	-	-	-	-	-	-	-	-	-	-
ZG0403	<i>Trachinus draco</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0405	<i>Echlichthys vipera</i>	200	200	300	35	200	175	450	500	450	350	80	300	100
ZG0440	<i>Pholis gunnellus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0442	<i>Ammodytes</i>	40	150	35	10	10	150	-	40	100	70	-	50	-
ZG0449	<i>Hyperoplus lanceolatus</i>	-	-	-	-	-	-	100	50	-	-	-	-	-
ZG0452	<i>Callionymus lyra</i>	15	200	100	20	120	30	-	50	400	250	150	250	-
ZG0455	Gobiidae	24	20	15	30	1	209	44	100	50	100	4	23	50
ZG0554	<i>Psetta maxima</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0556	<i>Scophthalmus rhombus</i>	-	-	-	-	-	-	-	350	-	-	-	-	-
ZG0562	<i>Arnoglossus laterna</i>	20	-	-	10	30	-	-	100	100	40	15	300	-
ZG0572	<i>Limanda limanda</i>	450	300	20	400	400	300	250	550	15	370	200	400	350
ZG0574	<i>Microstomus kitt</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
ZG0578	<i>Pleuronectes platessa</i>	-	1050	-	300	-	-	400	150	400	-	-	-	-
ZG0585	<i>Buglossidium luteum</i>	35	-	20	10	40	10	35	50	50	10	20	500	25
ZG0591	<i>Solea solea</i>	-	-	-	400	-	-	-	-	100	-	-	-	25

**Appendix Table 16.** The abundance (N), species diversity (S), and biomass (B) in gWW, of infauna sampled from the zonal area.

Station	Abundance (N)	Diversity (S)	Biomass (B) (gWW)
5T	484	23	2753
7T	318	21	2358
24T	837	25	2539
25T	1462	24	3976
27T	380	25	3240
47T	1755	24	4683
49T	527	25	3342
52T	349	25	3380
73T	711	17	3628
75T	669	25	2817
77T	335	23	3720
79T	338	28	4753
101T	1619	30	5770
105T	867	27	4174
107T	259	21	3427
133T	923	24	6998
134T	1557	31	10910
136T	444	26	3932
138T	565	25	3604
156T	965	32	7001
158T	350	24	4535
160T	502	25	3658
174T	470	25	2818
176T	404	24	3040
187T	489	21	2089
189T	441	20	2382
196T	610	25	3273
201T	419	21	2606
202T	1055	26	4765
212T	411	25	2249
214T	677	27	3272
225T	268	23	1543
227T	255	25	2298
235T	3830	31	8786
237T	3485	28	9799
267T	1117	25	3207
304T	2327	22	4552
308T	923	27	2647
326T	622	26	2578
328T	4666	24	6795
336T	2155	43	10145
350T	15242	21	17953
352T	4421	23	11808
372T	2740	20	3931
375T	730	32	5183
390T	281	27	2586
415T	242	24	3147
428T	255	26	1964
430T	476	26	1407
432T	1030	21	7739
434T	213	23	2822
466T	256	20	1297
470T	176	20	1038
472T	116	19	955
488T	132	14	855

Station	Abundance (N)	Diversity (S)	Biomass (B) (gWW)
490T	193	19	2527
507T	280	28	2811
509T	345	24	1441
529T	546	27	2962
531T	188	21	2018
532T	186	26	1689
554T	221	22	1389
556T	466	28	3215
558T	373	24	2450
561T	327	32	2456
566T	110	18	936
585T	244	21	3501
616T	169	22	1195
632T	162	29	1825
642T	212	27	1311
677T	379	22	1218
683T	124	14	1354
695T	304	28	2256
712T	201	22	1893
713T	241	23	1423
716T	974	32	3903
717T	849	22	3630
718T	295	23	1271
<b>Total</b>	<b>74539</b>	<b>1908</b>	<b>285401</b>

**Appendix Table 17.** Table summarising the key species that contributed to the similarity within the faunal groups identified through multivariate analysis on Bray-Curtis similarity of square root transformed epibenthic abundance data. The dissimilarity between faunal groups is also shown. Similarity cut off shown at 70% and Dissimilarity cut-off shown at 50% to facilitate presentation.

<b>Group Faunal Group A</b>					
Average similarity: 68.21					
<b>Species</b>	<b>Av.Abund</b>	<b>Av.Sim</b>	<b>Sim/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
<i>Buglossidium luteum</i>	2.93	6.11	4.14	8.95	8.95
<i>Ophiura ophiura</i>	3	5.99	4.88	8.78	17.73
<i>Ophiura albida</i>	3.06	5.36	2.65	7.85	25.58
Gobiidae	2.53	5.33	3.62	7.81	33.39
<i>Crangon allmanni</i>	3.12	4.89	1.86	7.17	40.56
<i>Liocarcinus holsatus</i>	2.05	3.97	3.24	5.82	46.38
<i>Echiichthys vipera</i>	1.89	3.91	3.47	5.73	52.1
<i>Limanda limanda</i>	1.84	3.83	3.33	5.62	57.72
<i>Arnoglossus laterna</i>	1.74	3.83	5.65	5.61	63.34
Paguridae	1.72	3.61	5.5	5.29	68.62
<i>Callionymus lyra</i>	1.61	3.17	2.13	4.65	73.28

<b>Group Faunal Group B</b>					
Average similarity: 64.34					
<b>Species</b>	<b>Av.Abund</b>	<b>Av.Sim</b>	<b>Sim/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
<i>Crangon allmanni</i>	3.66	9.25	3.79	14.38	14.38
Gobiidae	2.45	7.89	6.84	12.26	26.64
Paguridae	2.15	6.39	9.04	9.92	36.57
<i>Echiichthys vipera</i>	1.78	5.07	4.47	7.88	44.45
<i>Macropodia</i>	1.64	4.92	9.79	7.64	52.1
<i>Liocarcinus holsatus</i>	1.64	4.84	6.88	7.52	59.61
<i>Sepiolo atlantica</i>	1.7	4.78	4.55	7.43	67.04
<i>Merlangius merlangus</i>	1.55	4.1	9.85	6.38	73.42

<b>Group Faunal Group C</b>					
Average similarity: 57.10					
<b>Species</b>	<b>Av.Abund</b>	<b>Av.Sim</b>	<b>Sim/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
<i>Crangon allmanni</i>	4.73	8.7	#####	15.23	15.23
<i>Ophiura albida</i>	4.45	6.2	#####	10.86	26.09
Paguridae	3.1	5.53	#####	9.69	35.78
<i>Asterias rubens</i>	2.97	4.31	#####	7.55	43.33
<i>Psammechinus miliaris</i>	2.86	4.01	#####	7.03	50.36
<i>Macropodia</i>	2.11	3.69	#####	6.46	56.82
<i>Liocarcinus holsatus</i>	1.75	3.15	#####	5.52	62.33
<i>Callionymus lyra</i>	1.59	2.8	#####	4.91	67.24
<i>Echiichthys vipera</i>	1.49	2.65	#####	4.64	71.88

<b>Group Faunal Group D</b>					
Average similarity: 64.22					
<b>Species</b>	<b>Av.Abund</b>	<b>Av.Sim</b>	<b>Sim/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
Gobiidae	2.65	7.68	4.1	11.96	11.96
Paguridae	2.08	6.09	5.84	9.49	21.44
<i>Echiichthys vipera</i>	2.07	6.01	3.98	9.36	30.8
<i>Limanda limanda</i>	1.5	4.26	3.11	6.64	37.44
<i>Asterias rubens</i>	1.65	4.23	2.59	6.59	44.03
<i>Crangon allmanni</i>	1.88	4.12	1.23	6.42	50.45
<i>Philocheras</i>	1.49	3.83	1.75	5.96	56.4
<i>Psammechinus miliaris</i>	1.42	3.41	1.75	5.3	61.71
<i>Ophiura albida</i>	1.66	3.23	1.11	5.04	66.74
<i>Callionymus lyra</i>	1.24	2.97	1.5	4.62	71.37

**DISSIMILARITY Epibenthic Abundance****Groups Faunal Group A & Faunal Group B**

Average dissimilarity = 48.09

<b>Species</b>	<b>Group A Av.Abund</b>	<b>Group B Av.Abund</b>	<b>Av.Diss</b>	<b>Diss/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
<i>Buglossidium luteum</i>	2.93	0.17	3.83	3.68	7.96	7.96
<i>Ophiura albida</i>	3.06	0.99	2.93	1.56	6.1	14.06
<i>Ophiura ophiura</i>	3	0.97	2.81	1.9	5.85	19.91
<i>Crangon allmanni</i>	3.12	3.66	2.63	1.25	5.46	25.37
<i>Arnoglossus laterna</i>	1.74	0.17	2.21	3.17	4.59	29.96
<i>Macropodia</i>	0.24	1.64	1.99	2.94	4.14	34.1
<i>Crangon crangon</i>	1.52	0.3	1.96	1.24	4.07	38.18
<i>Callionymus lyra</i>	1.61	0.4	1.77	1.85	3.68	41.86
<i>Philocheras</i>	1.67	0.82	1.75	1.56	3.65	45.51
<i>Sepiola atlantica</i>	0.84	1.7	1.45	1.62	3.01	48.51
<i>Limanda limanda</i>	1.84	0.91	1.4	1.33	2.91	51.43

**Groups Faunal Group A & Faunal Group C**

Average dissimilarity = 51.87

<b>Species</b>	<b>Group A Av.Abund</b>	<b>Group C Av.Abund</b>	<b>Av.Diss</b>	<b>Diss/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
<i>Psammechinus miliaris</i>	0.21	2.86	2.75	3.64	5.29	5.29
<i>Crangon allmanni</i>	3.12	4.73	2.28	1.67	4.39	9.68
<i>Pandalus montagui</i>	0.05	2.05	2.22	1.87	4.28	13.96
<i>Macropodia</i>	0.24	2.11	2.02	3.06	3.9	17.86
<i>Ophiura albida</i>	3.06	4.45	1.91	1.49	3.68	21.55
Gobiidae	2.53	0.71	1.88	2.55	3.63	25.18
ACTINIARIA	0.02	1.58	1.84	1	3.56	28.73
<i>Philocheras</i>	1.67	0	1.78	2.2	3.42	32.16
<i>Asterias rubens</i>	1.3	2.97	1.77	1.82	3.41	35.57
<i>Buglossidium luteum</i>	2.93	1.31	1.75	2.15	3.37	38.94
<i>Ophiura ophiura</i>	3	1.45	1.67	1.71	3.22	42.16
<i>Galathea intermedia</i>	0	1.5	1.65	2.32	3.17	45.33
<i>Crangon crangon</i>	1.52	0	1.58	1.26	3.05	48.38
<i>Ammodytes</i>	1.48	0	1.58	2.09	3.04	51.42

**Groups Faunal Group A & Faunal Group D**

Average dissimilarity = 44.70

Species	Group A		Group D		Contrib%	Cum.%
	Av.Abund	Av.Abund	Av.Diss	Diss/SD		
<i>Ophiura ophiura</i>	3	0.52	3.44	2.43	7.69	7.69
<i>Crangon allmanni</i>	3.12	1.88	2.55	1.19	5.7	13.38
<i>Buglossidium luteum</i>	2.93	1.14	2.53	2.1	5.67	19.05
<i>Ophiura albida</i>	3.06	1.66	2.44	1.34	5.47	24.52
<i>Crangon crangon</i>	1.52	0.05	2.05	1.27	4.58	29.1
<i>Psammechinus milliaris</i>	0.21	1.42	1.76	1.87	3.93	33.03
<i>Merlangius merlangus</i>	1.41	0.36	1.65	1.51	3.69	36.71
<i>Macropodia</i>	0.24	1.19	1.49	1.68	3.32	40.04
<i>Liocarcinus holtsatus</i>	2.05	1.22	1.36	1.24	3.04	43.08
<i>Arnoglossus laterna</i>	1.74	0.88	1.24	1.36	2.78	45.86
<i>Ammodytes</i>	1.48	0.82	1.21	1.21	2.72	48.58
<i>Asterias rubens</i>	1.3	1.65	1.15	1.2	2.56	51.14

**Groups Faunal Group C & Faunal Group B**

Average dissimilarity = 52.00

Species	Group C		Group B		Contrib%	Cum.%
	Av.Abund	Av.Abund	Av.Diss	Diss/SD		
<i>Ophiura albida</i>	4.45	0.99	4.07	2.72	7.83	7.83
<i>Asterias rubens</i>	2.97	0.67	2.73	2.44	5.24	13.07
<i>Psammechinus milliaris</i>	2.86	0.62	2.67	2.35	5.14	18.21
<i>Pandalus montagui</i>	2.05	0	2.61	1.85	5.02	23.23
<i>Crangon allmanni</i>	4.73	3.66	2.2	3.83	4.24	27.47
ACTINIARIA	1.58	0.17	2.12	1.02	4.07	31.54
Gobiidae	0.71	2.45	2.02	2.91	3.89	35.43
<i>Galathea intermedia</i>	1.5	0	1.89	2.18	3.64	39.06
<i>Callionymus lyra</i>	1.59	0.4	1.43	1.95	2.74	41.81
<i>Buglossidium luteum</i>	1.31	0.17	1.34	2.52	2.58	44.38
<i>Arnoglossus laterna</i>	1.21	0.17	1.25	2.46	2.4	46.78
<i>Loligo</i>	0.87	1.15	1.21	1.18	2.33	49.12
<i>Ammodytes</i>	0	0.96	1.17	1.09	2.26	51.38



**Groups Faunal Group D & Faunal Group B**

Average dissimilarity = 44.75

Species	Group D	Group B	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Crangon allmanni</i>	1.88	3.66	3.2	1.14	7.15	7.15
<i>Sepiola atlantica</i>	0.39	1.7	2.23	2.06	4.98	12.13
<i>Ophiura albida</i>	1.66	0.99	2.06	1.32	4.61	16.74
<i>Merlangius merlangus</i>	0.36	1.55	2	1.9	4.48	21.22
<i>Asterias rubens</i>	1.65	0.67	1.87	1.4	4.18	25.4
<i>Philocheiras</i>	1.49	0.82	1.86	1.53	4.17	29.57
<i>Buglossidium luteum</i>	1.14	0.17	1.71	1.54	3.83	33.39
<i>Psammechinus milliaris</i>	1.42	0.62	1.68	1.35	3.74	37.14
<i>Loligo</i>	0.41	1.15	1.63	1.38	3.64	40.77
<i>Callionymus lyra</i>	1.24	0.4	1.62	1.56	3.62	44.39
<i>Solea solea</i>	0.22	1.06	1.52	1.59	3.4	47.79
<i>Ophiura ophiura</i>	0.52	0.97	1.47	1.28	3.29	51.08

**Groups Faunal Group D & Faunal Group C**

Average dissimilarity = 51.74

Species	Group D	Group C	Av.Diss	Diss/SD	Contrib%	Cum.%
	Av.Abund	Av.Abund				
<i>Crangon allmanni</i>	1.88	4.73	3.48	2.4	6.73	6.73
<i>Ophiura albida</i>	1.66	4.45	3.33	1.94	6.43	13.16
<i>Pandalus montagui</i>	0.26	2.05	2.33	1.6	4.51	17.67
Gobiidae	2.65	0.71	2.27	2.55	4.38	22.06
ACTINIARIA	0.26	1.58	2.11	1.02	4.08	26.14
<i>Philocheiras</i>	1.49	0	1.8	2.28	3.48	29.62
<i>Galathea intermedia</i>	0.11	1.5	1.77	1.93	3.41	33.03
<i>Psammechinus milliaris</i>	1.42	2.86	1.73	1.62	3.34	36.37
<i>Merlangius merlangus</i>	0.36	1.76	1.67	2.04	3.22	39.59
<i>Asterias rubens</i>	1.65	2.97	1.6	1.66	3.1	42.69
<i>Scylliorhinus canicula</i>	0	1.25	1.48	9.06	2.87	45.56
<i>Ophiura ophiura</i>	0.52	1.45	1.29	1.87	2.49	48.06
Paguridae	2.08	3.1	1.23	2.13	2.38	50.44

**Appendix Table 18.** The evidence considered during the *Sabellaria* reefiness assessment and the *Sabellaria* reef scores assigned to each relevant station. Grid stations shown in blue with targeted stations highlighted in red.

Station	<i>Sabellaria</i> Volume (l)	<i>Sabellaria</i> Weight (g)	Maximum <i>Sabellaria</i> Tube Length (cm)	Average <i>Sabellaria</i> Tube Length (cm)	Average <i>Sabellaria</i> Tube aperture (mm)	Maximum <i>Sabellaria</i> Tube aperture (mm)	<i>Sabellaria</i> Description
61	5	2000	9.4	7	1	1.5	Reef 100%
162	1.5	300	7.9	6	1.5	2	Reef 100% + rubble
215	6	3000	10.6	7	2	2.5	Reef 100%
220	—	—	—	—	—	—	—
221	1	1000	12	10	3	3.5	Clumps 100%
285	—	—	—	—	—	—	—
300	7	4000	10.8	6	2	2.5	Reef 100%
366	<0.1	35	6.1	4	1	2	Clumps 85% + veneer 15%
399	0.2	100	6	4.5	1	2	Clumps 100 %
409	—	—	—	—	—	—	—
415	2	2000	10	7	2	2.5	Reef 100%
420	1.5	600	9.7	7.5	2	3	Reef 100%
441	1	-	13	9	1	1	Reef 100%
460	4	1500	4.2	3	1.5	1	Reef 100% + rubble
518	<0.1	10	6	5	1.5	2	Veneer 90%, clumps 10% + rubble
738	6	3000	15.4	8.4	1	2	Reef 100%
740	3	3000	7	5	1.5	2.5	Reef 100%
741	0.5	500	7	6	2	3	Clumps 100%
750	<0.1	30	12	4	1.5	2	Clumps 100%
762	3	3000	6.4	3	1	1.5	Clumps 100% + rubble
763	6	4000	7.7	3.5	1	1.5	Clumps 100%
765	1.5	500	9.8	6	1	2	Reef 90% + veneer 10%
766	1	1000	15	7	2	1.5	Reef 90% + veneer 10%
779	—	—	—	—	—	—	—
772	0.5	200	7.4	5	1	2	Clumps 95%, veneer 5% + rubble
777	5	2000	9.2	6	2	2.5	Reef 100% + rubble
779	0.1	100	5	3	2	2	Clumps 100% + rubble
780	4	2500	13.4	10	2.5	2.5	Reef 100%
781	2	1000	13.7	7	2	3	Reef 100% + rubble
786	3	1000	4.6	2	1.5	1	Clumps 100% + rubble
788	<0.1	30	4	3	1	1.5	Clumps 60% + veneer 40%
792	2.5	800	8.8	6	1.5	2	Clumps 90%, veneer 10% + rubble
793	1	400	4.6	3	1.5	2	Clumps 90%, veneer 10% + rubble
795	3.5	1800	8.6	6	1.5	2.5	Clumps 80%, veneer 20% + rubble
796	-	-	-	-	-	-	No evidence
797	3	1000	6.6	4	1.5	2.5	Clumps 100% + rubble
802	<0.1	30	4.2	2	1.5	1	Clumps 100% + rubble
804	10	8	9	7	3	2	Reef 100%
805	7	4500	10.5	8	2	2.5	Reef 100%
806	5	2500	7	7	2	3	Reef 100%
808	7	3000	13.5	10	2	2.5	Reef 100%
812	0.25	100	5.3	3.5	1	1.5	Clumps 100% + rubble
815	1	250	10.2	7	1.5	2	Clumps 100% + rubble
817	1	200	6.2	4	1	1.5	Clumps 100% + rubble
819	5	2000	7.2	6	1	1.5	Reef 100%

Station	Seabed Imagery Evidence	Abundance	<i>Sabellaria</i> Reef Score
61	<i>Sabellaria</i> in 9/9 images (described as reef in 7)	1655.00	5
162	<i>Sabellaria</i> in 3/8 images (not described as reef)	1.00	1
215	<i>Sabellaria</i> in 13/15 images (described as reef in 2)	127.00	2
220	No field notes but evidence of <i>Sabellaria</i> in imagery	1.00	3
221	Unavailable	472.00	3
285	No field notes but evidence of <i>Sabellaria</i> in imagery	2.00	2
300	<i>Sabellaria</i> in 7/10 images (described as reef in 6)	265.00	4
366	Unavailable	79.00	1
399	Unavailable	411.00	3
409	Unavailable	1.00	1
415	<i>Sabellaria</i> in 6/6 images (all reef)	1603.00	4
420	<i>Sabellaria</i> in 4/8 images (2 identified as reef)	1028.00	3
441	<i>Sabellaria</i> in 2/8 (not described as reef)	1660.00	4
460	<i>Sabellaria</i> in 6/10 (described as reef)	270.00	2
518	Unavailable	204.00	3
738	<i>Sabellaria</i> in 7/7 (all described as reef)	1453.00	4
740	<i>Sabellaria</i> in 7/8 (described as reef in 7)	1525.00	4
741	<i>Sabellaria</i> in 6/12 (described as reef in 6)	1157.00	3
750	<i>Sabellaria</i> in 6/8 images (not described as reef)	65.00	1
762	<i>Sabellaria</i> in 7/9 (described as reef in 4)	14.00	2
763	<i>Sabellaria</i> in 3/6 (not described as reef)	606.00	2
765	<i>Sabellaria</i> in 2/7 images (described as reef in 2)	856.00	2
766	<i>Sabellaria</i> in 0/9 images	581.00	2
779	No field notes but evidence of <i>Sabellaria</i> in imagery	1.00	1
772	<i>Sabellaria</i> in 4/9 (not described as reef)	1015.00	3
777	<i>Sabellaria</i> in 7/8 (described as reef in 2)	11.00	1
779	<i>Sabellaria</i> in 8/8 (none described as reef)	38.00	2
780	<i>Sabellaria</i> in 8/9 images (described as reef in 3)	3.00	2
781	<i>Sabellaria</i> in 8/10 (described as reef in 0)	3.00	2
786	<i>Sabellaria</i> in 7/10 (described as reef in 3)	6.00	2
788	<i>Sabellaria</i> in 8/10 (described as reef in 5)	0.00	3
792	<i>Sabellaria</i> in 5/10 images (described as reef in 1)	437.00	3
793	Seb in 3/9 (none described as reef)	36.00	1
795	<i>Sabellaria</i> in 3/7 (not described as reef)	20.00	1
796	<i>Sabellaria</i> in 6/8 images (described as reef in 3)	16.00	3
797	<i>Sabellaria</i> in 6/7 (described as reef in 1)	66.00	1
802	<i>Sabellaria</i> in 2/11 (described as reef in 1)	0.00	2
804	<i>Sabellaria</i> in 8/9 images (described as reef in 4)	1071.00	4
805	<i>Sabellaria</i> in 6/9 (not described as reef)	3850.00	5
806	<i>Sabellaria</i> in 2/13 (described as reef in 1)	624.00	3
808	<i>Sabellaria</i> in 11/11 (described as reef in 9)	5045.00	5
812	<i>Sabellaria</i> in 5/7 (not described as reef)	150.00	2
815	<i>Sabellaria</i> in 3/11 (not described as reef)	3.00	1
817	<i>Sabellaria</i> in 7/9 (not described as reef)	8.00	1
819	<i>Sabellaria</i> in 7/8 (described as reef in 4)	3265.00	5

**Appendix Table 19.** Table summarising the key species that contributed to the similarity within the faunal groups identified through multivariate analysis on Bray-Curtis similarity of square root transformed reef abundance data. The dissimilarity between faunal groups is also shown. Similarity cut off shown at 70% and Dissimilarity cut-off shown at 50% to facilitate presentation.

<b>Group Reefines Score 1 or Lower</b>					
Average similarity: 21.23					
<b>Species</b>	<b>Av.Abund</b>	<b>Av.Sim</b>	<b>Sim/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
<i>Spiophanes bombyx</i>	1.05	3.26	0.88	15.34	15.34
<i>Nephtys cirrosa</i>	0.78	3.19	0.76	15.02	30.36
OPHIUROIDEA	0.8	1.62	0.57	7.65	38.01
<i>Polinices pulchellus</i>	0.54	1.13	0.46	5.34	43.35
NEMERTEA	0.59	1.1	0.48	5.18	48.53
<i>Ophelia borealis</i>	0.5	1.02	0.4	4.82	53.35
<i>Urothoe brevicornis</i>	0.39	0.67	0.3	3.17	56.53
<i>Scoloplos armiger</i>	0.38	0.64	0.31	3	59.53
<i>Nephtys</i>	0.36	0.63	0.31	2.98	62.51
<i>Echinocyamus pusillus</i>	0.48	0.53	0.33	2.51	65.02
<i>Bathyporeia elegans</i>	0.33	0.5	0.26	2.37	67.38
<i>Glycera</i>	0.39	0.48	0.3	2.28	69.67
<i>Ophelia</i>	0.37	0.47	0.27	2.21	71.88
<i>Ophiura albida</i>	0.4	0.41	0.28	1.95	73.83
<i>Fabulina fabula</i>	0.33	0.4	0.24	1.9	75.72

<b>Group Reefiness Score 2 or Higher</b>					
Average similarity: 37.30					
<b>Species</b>	<b>Av.Abund</b>	<b>Av.Sim</b>	<b>Sim/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
<i>Sabellaria spinulosa</i>	4.3	4.33	1.58	11.62	11.62
OPHIUROIDEA	2.43	2.87	2.04	7.7	19.31
NEMERTEA	2.11	2.76	3.41	7.41	26.72
<i>Pisidia longicornis</i>	2.21	1.81	1.17	4.86	31.58
<i>Spiophanes bombyx</i>	1.26	1.48	1.3	3.97	35.56
ACTINIARIA	1.53	1.28	1.2	3.43	38.99
<i>Mediomastus fragilis</i>	1.48	1.18	1.05	3.16	42.15
<i>Lumbrineris cingulata</i>	1.18	1.08	1.17	2.88	45.03
<i>Pholoe baltica</i> (sensu petersen)	1.26	1.03	0.96	2.76	47.79
<i>Glycera</i>	1.01	0.98	0.9	2.63	50.43
<i>Abludomelita obtusata</i>	1.2	0.94	0.83	2.52	52.95
<i>Amphipholis squamata</i>	1.24	0.87	0.93	2.32	55.27
<i>Glycera lapidum</i>	0.85	0.68	0.83	1.81	57.08
<i>Ophiura albida</i>	0.87	0.64	0.66	1.71	58.78
<i>Echinocyamus pusillus</i>	0.93	0.63	0.6	1.68	60.46
<i>Eunereis longissima</i>	0.9	0.54	0.72	1.45	61.92
Polynoidae	0.95	0.54	0.67	1.45	63.37
<i>Lagis koreni</i>	0.71	0.54	0.7	1.44	64.81
NEMATODA	0.83	0.52	0.62	1.41	66.21
<i>Ampelisca spinipes</i>	0.73	0.47	0.6	1.27	67.48
<i>Galathea intermedia</i>	0.79	0.47	0.62	1.26	68.74
<i>Kurtiella bidentata</i>	0.8	0.47	0.67	1.25	69.99
<i>Scalibregma inflatum</i>	0.66	0.46	0.61	1.22	71.22
<i>Abra alba</i>	0.86	0.45	0.55	1.21	72.43
<i>Aonides paucibranchiata</i>	0.65	0.44	0.5	1.17	73.6
<i>Goniada maculata</i>	0.69	0.42	0.56	1.13	74.73
<i>Polinices pulchellus</i>	0.61	0.39	0.55	1.05	75.78

**DISSIMILARITY Reefines**

**Groups Reefines Score 1 or Lower & Reefiness Score 2 or Higher**

Average dissimilarity = 85.00

<b>Species</b>	<b>1 or Lower Av.Abund</b>	<b>2 or Higher Av.Abund</b>	<b>Av.Diss</b>	<b>Diss/SD</b>	<b>Contrib%</b>	<b>Cum.%</b>
<i>Sabellaria spinulosa</i>	0.27	4.3	4.81	1.8	5.66	5.66
<i>Pisidia longicornis</i>	0.05	2.21	2.41	1.44	2.83	8.49
OPHIUROIDEA	0.8	2.43	2.25	1.58	2.65	11.14
NEMERTEA	0.59	2.11	1.95	1.67	2.3	13.44
<i>Mediomastus fragilis</i>	0.2	1.48	1.6	1.39	1.88	15.32
ACTINIARIA	0.12	1.53	1.59	1.62	1.87	17.19
<i>Abludomelita obtusata</i>	0.15	1.2	1.52	0.88	1.79	18.98
<i>Pholoe baltica</i> (sensu petersen)	0.15	1.26	1.4	1.29	1.64	20.62
<i>Lumbrineris cingulata</i>	0.18	1.18	1.28	1.49	1.5	22.13
<i>Amphipholis squamata</i>	0.1	1.24	1.26	1.38	1.48	23.6
<i>Echinocyamus pusillus</i>	0.48	0.93	1.2	1.02	1.41	25.02
<i>Glycera</i>	0.39	1.01	1.13	1.09	1.33	26.35
<i>Ophiura albida</i>	0.4	0.87	1.11	0.99	1.3	27.65
<i>Spiophanes bombyx</i>	1.05	1.26	1.08	1.07	1.28	28.93
<i>Nephtys cirrosa</i>	0.78	0.21	1.02	1.02	1.2	30.13
<i>Abra alba</i>	0.22	0.86	1.01	0.92	1.19	31.32
NEMATODA	0.23	0.83	0.99	0.9	1.17	32.49
<i>Glycera lapidum</i>	0.22	0.85	0.94	1.17	1.11	33.6
Polynoidae	0.02	0.95	0.93	1.07	1.09	34.69
<i>Eunereis longissima</i>	0.09	0.9	0.9	1.13	1.05	35.74
<i>Aonides paucibranchiata</i>	0.28	0.65	0.89	0.9	1.05	36.79
<i>Ampelisca spinipes</i>	0.09	0.73	0.87	0.96	1.02	37.81
<i>Polinices pulchellus</i>	0.54	0.61	0.85	0.92	1	38.82
<i>Goniada maculata</i>	0.3	0.69	0.85	0.95	1	39.81
<i>Ophelia borealis</i>	0.5	0.39	0.85	0.85	0.99	40.81
<i>Kurtiella bidentata</i>	0.14	0.8	0.84	1.05	0.99	41.8
<i>Lagis koreni</i>	0.21	0.71	0.84	1.02	0.99	42.79
<i>Polycirrus</i>	0.32	0.59	0.84	0.81	0.98	43.77
<i>Grania</i>	0.2	0.64	0.83	0.88	0.97	44.74
<i>Galathea intermedia</i>	0.02	0.79	0.82	1.01	0.97	45.71
<i>Scalibregma inflatum</i>	0.16	0.66	0.79	0.99	0.93	46.64
<i>Ophelia</i>	0.37	0.41	0.79	0.76	0.93	47.57
<i>Gammaropsis maculata</i>	0.01	0.72	0.76	0.79	0.89	48.47
<i>Scoloplos armiger</i>	0.38	0.34	0.74	0.74	0.87	49.34
<i>Lepidonotus squamatus</i>	0.03	0.76	0.71	0.93	0.84	50.18



**Appendix 10.2 Ends Here**