



MERC Consultants
environmental and conservation services

Report

Surveys of sensitive sublittoral benthic communities in

- **Kenmare River SAC Site Code 002158**
- **Tralee Bay & Maharee Islands West to Cloghane SAC Site Code 002070**



On behalf of:
National Parks and Wildlife Service,
Department of the Environment, Heritage and Local Government,
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1. Introduction

In furtherance of its policy of developing enhanced tools for managing Ireland's marine candidate Special Areas of Conservation (SACs), in 2009 the National Parks and Wildlife Service, Department of the Environment, Heritage and Local Government – commissioned a survey of sensitive sublittoral communities in two marine SACs on the southwest coast of Ireland. The study followed on from similar work conducted in

- Kilkieran Bay and Islands and Kingstown Bay SACs (2005)
- Slyne Head Peninsula, Clew Bay Complex and Galway Bay Complex SACs (2006)
- Roaringwater Bay and Islands, Lough Hyne Nature Reserve and Environs, Valentia Harbour and Portmagee Channel and Broadhaven Bay SACs (2007)
- Mullet/Blacksod Bay Complex, Rutland Island and Sound and Mulroy Bay SACs (2008)

The over-riding purpose of the project was to enhance the conservation of marine flora and fauna and associated habitats in selected SACs through the investigation of sublittoral ecological quality indicators.

Within the scope of the project, the following were considered as sensitive sublittoral communities:

- beds of seagrass *Zostera* spp.
- beds of maërl forming calcareous algae including *Lithothamnion corallioides*, *Phymatolithon calcareum*¹ and *Lithothamnion dentatum*,
- communities of the polychaetes *Lanice conchilega* (Sand Mason), *Sabella pavonina* (Peacock Worm) and the reef forming *Serpula vermicularis* (Tube Worm),
- reefs of the Native Oyster *Ostrea edulis* (excluding licensed fisheries/aquaculture sites),
- reefs of the bivalve mollusc *Limaria hians* (Gaping File Shell),
- communities of *Scolanthus callimorphus* (Burrowing Worm Anemone)
- beds of the tubicolous anemone *Pachycerianthus multiplicatus* (Fireworks Anemone),
- communities of *Virgularia mirabilis* and other Sea Pen species,
- beds of *Neopentadactyla mixta* and other burrowing sea cucumbers

The well-documented ecological sensitivity of the selected communities means that they are commonly used in programmes designed to monitor environmental change, as the distribution and abundance of these communities are useful as indicators of habitat quality. A detailed baseline assessment of the distribution, extent and condition of these habitats/communities can facilitate the future management and long-term monitoring of the conservation status of designated conservation sites, as is required under the EU Habitats Directive.

Only *known* significant sublittoral stands/populations of these communities constituted the primary target of the survey. However, while the survey was not a search operation *per se*, where additional occurrences of the aforementioned communities were identified as a result of survey effort, these were also surveyed.

¹ Both species of maërl are listed in Annex V of the EU Habitats Directive (Council Directive 92/43/EEC)

The objectives of the survey were to:

- map the distribution of seagrass *Zostera marina* beds
- provide estimates of plant density within *Zostera marina* beds
- map the distribution of maërl communities
- map the distribution of specified megafaunal communities
- estimate species abundance within megafaunal communities
- collect videographic and photographic imagery from faunal/floral communities at each site
- characterise the biota associated with seagrass, maërl and megafaunal communities

Two SACs were surveyed during 2009:

- Kenmare River SAC, Co Cork
- Tralee Bay & Maharee Islands West to Cloghane SAC, Co Kerry

The present report presents the main findings of the study, which was carried out by Marine Environmental and Resource Conservation Consultants Ltd. A comprehensive Geographical Information Systems (GIS) project forms the main project deliverable. The text report and electronic media containing digital imagery collected during the surveys accompany the GIS output.

2. Study Areas

The sites selected for survey encompassed a mosaic of marine littoral and sublittoral habitats, several of which are listed as being of community interest under the EU Habitats Directive, Annex I (natural habitat types of community interest whose conservation requires the designation of Special Areas of Conservation).

2.1 Kenmare River SAC

Kenmare River SAC is a long and narrow, south-west facing bay located in Counties Kerry and Cork, SW Ireland.

The site stretches from Kenmare town westwards, encompassing all of the sea inlet known as Kenmare Bay. The site is bounded to the north by the coastline of the Iveragh Peninsula (Co Kerry), while the southern boundary is defined by the shores of the Beara Peninsula (Counties Kerry & Cork). The site's western limit coincides generally with a line extending from the western end of Dursey Island in the south to a point seaward of Scarriff Island in the north. The boundary of the site is shown in Figure 2.1.

The site is principally a marine SAC although there are several small terrestrial components, these being mainly some of the many islands that lie within the site as well as the Lambs Head Peninsula. Major features of the site include Coolagh Bay and Kilmakilloge and Ardgroom Harbours along the southern side of the site, while Sneem Harbour and Coongar Harbour are natural embayments on the northern side.

Kenmare River is a drowned glacial valley. The bedrock is mainly Old Red Sandstone which forms reefs along the middle of the bay throughout its length. Limestone reef and rock outcroppings occur in the eastern end of the bay. The total area of the site is approximately 43,369ha, the majority of which is subtidal. Beginning at its eastern end, water depths are generally less than -10 meters BCD and the seabed is characterised by a gentle, more or less uniform, slope that deepens steadily to the west. The greatest depths occur at the western extremity of the site, where depths may reach in excess of -80m BCD.

Much of the terrestrial area to the north and south of Kenmare River has also been designated as SAC. Sections of Killarney National Park, Macgillycuddy'S Reeks and Caragh River Catchment SAC (Site Code 000365), Blackwater River (Kerry) SAC (Site Code 002173), Glanmore Bog SAC (Site Code 001879), Caha Mountains SAC (Site Code 000093) and Cloonee and Inchiquin Loughs, Uragh Wood (Site Code 001342) are all within close proximity with the site.

The Bull and Cow Rocks, located west of Dursey Island are a Special Protection Area (Site Code 004066) while the Beara Peninsula SPA (Site Code 004155) lies southwest of Kenmare town. Iveragh Peninsula SPA (Site Code 004155) includes much of the western end of the Iveragh Peninsula including Lambs Head, while the Deenish Island and Scarriff Island SPA (Site Code 004175) lie within the site.

Exposure to prevailing winds and swells at the mouth diminishes towards the head of the bay. Numerous islands and inlets along the length of the bay provide further areas of additional shelter in which a variety of habitats and unusual communities occur.

Kenmare River has a very wide range of marine communities from exposed coast to ultra-sheltered areas. The site contains three marine habitats listed on Annex I of the EU Habitats Directive:

- Reefs
- Large shallow inlet and bays
- Submerged or partially submerged sea caves

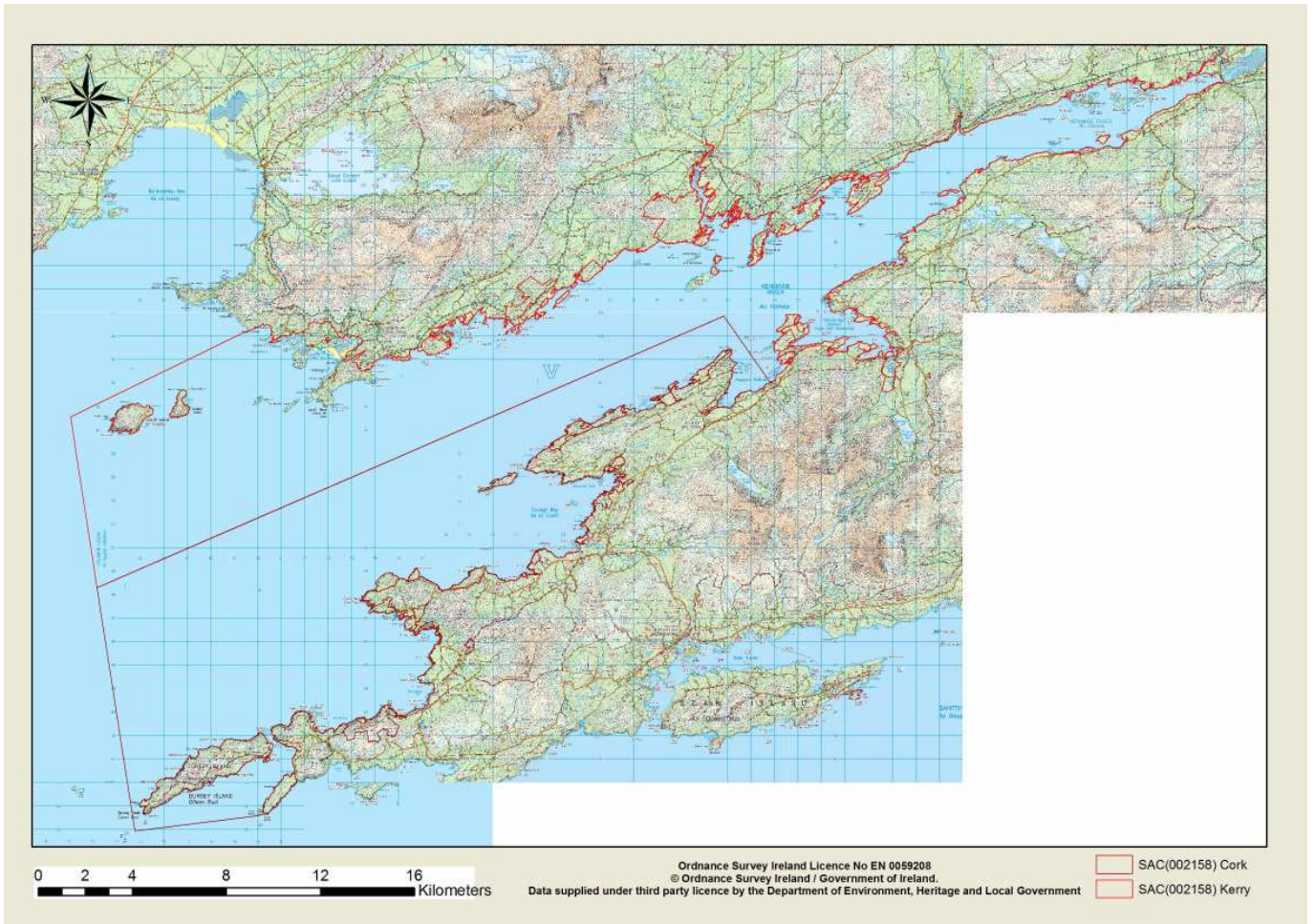
There is also an extremely high number of rare and notable marine species present and some uncommon communities. Within the Derrynane Bay area on the south side of the Iveragh Peninsula there are good examples of a number of habitats listed on Annex I of the EU Habitats Directive including:

- Dry heath
- Fixed dunes (2130)
- Marram dunes
- Sea cliffs
- Salt meadows (both Atlantic and Mediterranean types).

Kenmare River holds an important population of Common Seal. Otters are also known to occur within the site. Both the Common Seal and the Otter are listed in Annex II of the EU Habitats Directive.

The subtidal habitats of the site are principally sedimentary in nature. A wide range of well sorted sediments including cobble and coarse gravels through to coarse and medium sands and mud are found within the site. The most extensive seabed cover is of muddy sediments, however maërl communities occur at a number of locations as do sand and gravel sediments in areas of increased exposure to wind wave and/or ocean swell influences. There are extensive areas of littoral, infralittoral and circalittoral reef within the site. While much of the reef is adjacent to the shoreline and extends into the intertidal, there are extensive areas of exclusively sublittoral bedrock in the western end of the site.

This site is of considerable ecological and conservation significance for the excellent diversity of habitats it contains, many of which are listed on Annex I of the E.U. Habitats Directive. The occurrence of a species listed on Annex II of the E.U. Habitats Directive adds further importance to the site. A full description of the site including conservation interests, species and habitats is given in the NPWS Site Synopsis attached as Appendix I to this report.



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Figure 2.1. Kenmare River SAC

2.2 Tralee Bay and Maharees Peninsula West to Cloghane SAC

Tralee Bay and Maharees Peninsula west to Cloghane SAC is located in Co Kerry, SW Ireland. The site stretches from Tralee town westwards to Fenit Harbour and Cloghane. It encompasses most of the subtidal area of Tralee Bay, the intertidal shore of Brandon Bay as well as much of the Maharees Peninsula. The boundary of the site is shown in Figure 2.2.

Major features of the site include extensive mudflats at the eastern end, the beaches of Derrymore Island, the sand dunes, lagoons, sheltered and exposed beaches of the Maharees Peninsula as well as the rocky headlands at its northern end.

The total area of the site is approximately 11,632 ha, the majority of which is subtidal. Depths within the subtidal area are generally less than -10 meters BCD. The greatest depths occur in the northwestern corner of the site, where depths may reach in excess of -30m BCD over a small area.

The site is bounded to the north by the Maharee Islands SAC (Site Code 002261), while Lough Gill (Site Code 004011), Tralee Bay (Site Code 004018), Akeragh Banna and Barrow Harbour (Site Code 004079), Maharees Islands (Site Code 004125) Special Protection Areas are either within the site or are contiguous to it. Kerry Head SPA (Site Code 004189) lies a little further to the north.

Many coastal habitats that are listed on Annex I of the EU Habitats Directive, including three that are recognised as priority habitats (fixed dune, alluvial forest and lagoon), occur within the site.

The site is a candidate SAC selected for

- Lagoon
- Fixed dunes
- Alluvial forests

all priority habitats under Annex I of the E.U. Habitats Directive. The site is also selected as a candidate SAC for other habitats listed under Annex I of the directive:

- Perennial vegetation of stony banks
- Drift line vegetation
- Estuaries
- Reefs
- Marram dunes
- Dune slack
- Dunes with Creeping Willow
- *Salicornia* mudflats
- Mudflats and sandflats not covered by seawater at low tide
- Large shallow inlets and bays
- Atlantic saltmarsh
- Mediterranean saltmarsh.

In addition, the site is selected as a candidate SAC for the liverwort, (*Petalophyllum ralfsii*) and the Otter (*Lutra lutra*), a plant and animal species listed under Annex II of the E.U. Habitats Directive.

The subtidal habitats of the site are principally sedimentary in nature. A wide range of well sorted sediments including cobble and coarse gravels through to coarse and medium sands and mud are found within the site. There are some local subtidal bedrock outcroppings, mainly on the northern end of the Maharees Peninsula but also near Fenit and along the beaches of Tralee Bay itself; however the reef habitats are limited in extent, character and distribution and are not the foremost feature of the site.

This site is of considerable ecological and conservation significance for the excellent diversity of habitats it contains, many of which are listed on Annex I of the E.U. Habitats Directive. The occurrence of two species listed on Annex II of the E.U. Habitats Directive adds further importance to the site. The presence of a number of Red Data Book species including the largest population of Natterjack Toads in Ireland, is also notable, as is the occurrence of several species listed on Annex I of the E.U. Birds Directive.

A full description of the site including conservation interests, species and habitats is given in the NPWS Site Synopsis attached as Appendix I to this report.



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Figure 2.2 Tralee Bay and Maharees Peninsula West to Cloghane SAC

2.3 Existing Information on the sites

2.3.1 Kenmare River SAC

Kenmare River has been the focus of sporadic marine research activity in the past. In 1987 the national research vessel 'Lough Beltra' carried out a brief survey of the area. This survey sampled 30 stations using a qualitative dredge, in depths that ranged from 15-170m. Mud was the predominant sediment type. This habitat supported burrowing communities including brittlestars and the Norway lobster (*Nephrops norvegicus*), while the sandier sediments also supported a community that was characterised by brittlestars and a polychaete worm.

A survey of maërl (free-living red coralline algae) beds in Irish waters (De Grave & Whitaker, 1999) located maërl at two locations with Kenmare River, west of Ardgroom and south of Gleesk. They also recorded maërl at three locations offshore, south west and north west of Bull Island and also north west of Carrigfeaghna Point (Durse Island).

The BioMar project (Picton & Costello, 1997) carried out a comprehensive survey of intertidal and subtidal communities in Kenmare River during 1995. The survey collected biological data from a total of 62 dives, producing extensive faunal and floral species lists and community descriptions. 56 of the dives were located within the SAC boundary. The survey confirmed that Kenmare River has a very wide range of seabed communities that are characteristic of a broad spectrum of substrates and environmental conditions, from open exposed rocky substrate to extremely sheltered areas with sedimentary substrata.

The Kenmare River SAC broadscale mapping project (Anon, 2003) investigated the subtidal habitats and biological communities of Kenmare River. The project successfully collected large amounts of scientific data in relation to biological and physical characteristics of seabed habitats. This has enabled the most prominent biological and physical characteristics of the seabed to be mapped. The project also collected detailed data on the bathymetry of the site and this has allowed a detailed bathymetric map of the site to be created.

Limitations on time and resources meant that it was not possible to carry out investigations over the entire area of the SAC during the broadscale mapping project. However, the most extensive areas that were also accessible to the survey craft used during the project were covered.

Grab samples were taken at 46 sites. Samples were analysed for sediment composition while the faunal content of samples was also examined. Sediments recorded ranged from muddy to coarse sediments. The predominant habitat was muddy sediment, which characterised 27 sites. Coarse sediments characterised ten of the stations sampled. Six stations had a predominance of medium sands while even amounts of coarse and fine material was recorded at three stations. More than 250 species were identified from the grab samples. Fauna recorded were mostly represented by annelids (segmented worms, 138 species), crustaceans (crabs, lobsters etc., 57 species) as well as by molluscs (bivalves and snails, 43 species). Nine species of Echinodermata were recorded, which included brittlestars, sea cucumbers and urchins. Other fauna recorded included anthozoans such as the Seapen *Virgularia mirabilis*, the anemones *Cerianthus lloydii* and *Edwardsia* sp.

The video survey sampled 156 locations within Kenmare River. In total 18 different habitat types were recorded by the video survey. Seabed habitats varied from fine sediments including sand and mud to maërl, gravel, cobbles, pebbles and bedrock. The different habitats supported 15 different biological community types.

The dive survey that was conducted as part of the broadscale project revealed six seabed habitats, which ranged from bedrock to mud. Bedrock was recorded at seven sites, while bedrock and boulders occurred at two sites. Boulders were recorded at one site. A boulder and cobble field was also recorded by the dive survey. Sedimentary habitats recorded by the dive survey included coarse mixed sediment (with sparse live maërl), fine sand, mixed muddy sediment and mud. A total of 213 faunal and 70 floral species were recorded during the dive survey.

The combined results of the three ground truthing surveys confirmed that Kenmare River contains a high diversity of both seabed habitats and biological communities.

2.3.2 Tralee Bay and Maharees Peninsula West to Cloghane SAC

In contrast with some of Ireland's major marine SACs, Tralee Bay has been the focus of very little research that has examined aquatic biological characteristics of the site.

The BioMar project carried out a survey of intertidal and subtidal communities in the Tralee Bay area in 1996 (Picton & Costello, 1997). The survey collected biological data at a total of 24 locations. Extensive faunal and floral species lists and community descriptions were produced. Most locations sampled were within the present day SAC boundary. The survey confirmed that subtidal habitats of Tralee Bay are predominantly sedimentary and associated biological communities are quite diverse. Some rare and sensitive species were recorded including 2 species of coralline algae as well as seagrass beds and some rare invertebrate fauna.

Tralee Bay was visited during a survey of maërl (free-living red coralline algae) beds in Irish waters (De Grave et al 2000). A limited Roxann survey was conducted off Fenit Pier over an area of 0.2km x 0.3km where a very muddy maërl was shown to exist. Three grab samples from the survey area contained mud with a very small quantity of broken maërl pieces. Subsequent post processing of the data indicated possible patches of maërl.



Figure 2.3 *Zostera marina*, Tralee Bay, Co. Kerry



Figure 2.3 *Zostera marina*, Tralee Bay, Co. Kerry

3. Materials and methods

3.1 Background research and planning

Methodologies employed during the 2009 surveys were identical to those used in previous subtidal surveys of SACs conducted from 2005 to 2008. However, drop down camera was employed in the deeper areas of Kenmare River where previous survey techniques were not possible.

Through careful project design, planning and extensive background research the return in terms of data generated and geographical area covered for the allocated number of field days at each site was maximised. In this context, the nature, distribution and extent of known sensitive subtidal communities within the proposed survey sites were researched as much as possible during a literature review and desktop study phase that was conducted in advance of any fieldwork. The literature review uncovered as much detail as possible in relation to the nature, extent and distribution of key sublittoral communities within Kenmare River and Tralee Bay SACs.

In addition to the studies mentioned in the previous section, other materials consulted included the relevant Admiralty chart for the area, the Ordnance Survey Discovery Series map, orthophotography and NPWS site synopses. Contact was also made with a number of researchers and biologists whom it was felt may hold unpublished information in relation to the subtidal communities at the sites.

The availability during fieldwork of digitized maps summarising the results of earlier studies on the location of sensitive subtidal communities at each site, was essential to the efficient utilisation of limited survey time available at each site. Results from the desktop study were compiled into a series of spreadsheets summarising data on seabed habitats and communities. These data were overlaid onto the relevant Ordnance Survey Discovery Series (1:50,000) map as well as relevant orthophotographic images using ArcGIS.

3.2 Field techniques for surveying subtidal communities

Three techniques, all of which relied on direct observation, were employed during the present study to generate data on the nature and extent of subtidal communities

The techniques employed were

- Scuba diving with the assistance of Diver Propulsion Vehicles
- Direct surface to seabed observation using an underwater viewer
- Remote observation using a deep water drop video system

The use of DPV's to increase the amount of data that could be collected by a dive team was significant, as their use in conjunction with SCUBA increases by a factor of 4 or 5, the amount of seabed area that can be covered by dive team swimming underwater.

Direct surface observations provide a more rapid means of collecting data in relation to seabed communities and habitats. The technique was applied to maximum benefit in areas of shallow clear water and a significant proportion of maërl and seagrass communities present within each site were effectively mapped using this technique.

At depths beyond 25 meters the usefulness of scuba techniques for conducting transects becomes constrained by physiological considerations. A drop down video system with georeferenced digital recording capability was used to investigate some of the deeper communities, including previously recorded communities of *Pachycerianthus multiplicatus*. The video system was employed where water depths exceeded or were likely to exceed 25 meters on a survey transect.

The selected survey techniques complimented each other and could be combined on individual transects according to conditions of depth and visibility in order to achieve the most efficient coverage of ground. All personnel engaged in the present study were qualified scientific divers and were experienced at mapping seabed communities using the selected techniques.

3.3 Survey platform

A 7.5meter rigid inflatable boat, fitted with an outboard motor was used for the study. The particular vessel is highly maneuverable in narrow channels and waterways and is capable of being operated in <1m of water depth. The vessel provided a stable platform from which to deploy and recover divers and from which to conduct direct observations of seabed communities. It was also fitted out to allow the deployment and recovery of drop down video and live onboard viewing and recording of seabed imagery as the data was being gathered. The survey vessel was licensed to the respective classes by the Marine Survey Office of the Department of Transport.

3.4 Vessel Navigation systems

For the purpose of navigation positional data recordings were made using a Furuno GP-37 dGPS navigator and a Garmin GPS 76 dGPS unit. The Furuno unit provided both satellite and land based differential signal corrections while the Garmin unit provided satellite only derived differential signal corrections. The survey vessel also carried a Raymarine CP650 Chart plotter, which was used to record the vessels track during most of the survey.

3.5 Abundance estimation – use of abundance indices.

As a means of assessing the relative importance and status of beds of *Zostera marina* and other subtidal communities, a means for estimating the abundance of plants within beds was required. Abundance scales are frequently used to describe the nature and extent of faunal and floral communities in marine and terrestrial ecological surveys; see Hiscock (1998) and Higgins *et al* (2004).

In the context of extensive field survey undertakings, the use of rapid observation based abundance estimation technique is perhaps the only feasible option. While the use of an AFOR (*Abundant, Frequent, Occasional, Rare*) abundance index in the present study was largely subjective as estimates were based entirely on visual techniques, the technique provided a rapid method for estimating relative abundance of a species.

For the purpose of this study an AFOR scale was calibrated to best suit the study site. Initially dives were conducted across varying degrees of density of *Zostera marina* in order to calibrate a scale for this survey. Table 3.1 shows the scale used following calibration by a

diver counting the number of individual plants within a 1-m² area. In many cases, after the initial calibration, areas of *Zostera marina* were encountered where the number of individuals per m² greatly exceeded the state of abundant according to the calibration and in these cases the term *Dense Abundant* was used.

Table 3.1 Detail of *AFOR* scale used in estimation of *Zostera marina* abundance

Abundant	Frequent	Occasional	Rare
> 12 individuals per m ²	6-11 individuals per m ²	2-5 individuals per m ²	<2 individuals per m ²

3.6 Data Recording

A Thales Navigation *MobileMapper CE* was used for logging all positional data. The Thales unit offers satellite based differential GPS (DGPS) levels of accuracy (<3m) 95% of the time. Accuracy outside of this time is <10m.

The *Mobile Mapper CE* carried mapping Pocket GIS software that enabled rapid and consistent logging of georeferenced biological data during the field survey. The process of recording detailed information with respect to subtidal communities was thus simplified over manual data logging. A very high degree of accuracy is associated with use of the *Mobile Mapper CE* for logging field data. In addition, data are recorded in a consistent manner, which has obvious benefits in the context of data integrity and post processing. Overall, the quality of data and project GIS outputs for field investigations are significantly enhanced through the use of the mapper.

Underwater data recordings were made using a dive slate and pencil or marker and these data were transferred to the mapper on surfacing.

Detailed data in relation to faunal and floral species, seabed composition and community extent were recorded on dive slates during dedicated SCUBA dives on individual communities. Photographic and videographic recordings were also made during these dives in order to characterise communities and provide further baseline data.

4. Results

4.1 General

The survey was successful in generating a large volume of new data in relation to the extent and distribution of sensitive subtidal communities within each site.

A total of 32 days of fieldwork were undertaken. 22 days were required to survey Kenmare River SAC, while Tralee Bay and Maharee Islands West to Cloghane SAC was surveyed over 10 days. The surveys took place between May and September 2009.

During this time a total of 2,756 georeferenced data points were recorded across the three sites. These were contained in 475 separate transect lines. Table 4.1 summarises the volume of data recorded at each site by individual data point and transect line.

Table 4.1 Survey of sensitive subtidal communities - Summary of field data recordings by SAC.

Site	Kenmare River SAC	Tralee Bay and Maharee Islands West to Cloghane SAC	Total
<i>Data points</i>	1,746	1,010	2,756
<i>Transect lines</i>	427	48	475

In addition, dives were made in Kenmare River and in Tralee Bay for the purpose of making detailed biological recordings, including species lists, in relation to individual subtidal communities. Photographic and videographic recordings were also made during these dives. The data were used to prepare species lists for each community. Species lists are presented in Appendix II, whilst photographic images and videographic recordings are provided in the CD's and DVD's that accompany the text report.

Data are most easily interpreted by viewing the series of maps presented in Figures 4.2 to 4.14. Table 4.2 summarises the output from the mapping project by SAC and subtidal community. The maps depict the SAC boundaries, the location of data points and transect lines as well distribution and extent of the sensitive subtidal communities recorded during the survey.

Maps have been generated in a GIS project which utilized ArcView 3.2® GIS software. The GIS project consisted of plotting transect line data on digitized versions of Ordnance Survey 1:50,000 Discovery Series Maps.

The task of drawing boundary lines was completed manually in ArcView 3.2® and boundaries were drawn while paying heed to significant changes in bathymetric and seabed topographic detail, as indicated on the chart. Where it was felt such changes represented a high likelihood of discontinuity in a community, efforts were made to reflect this in the

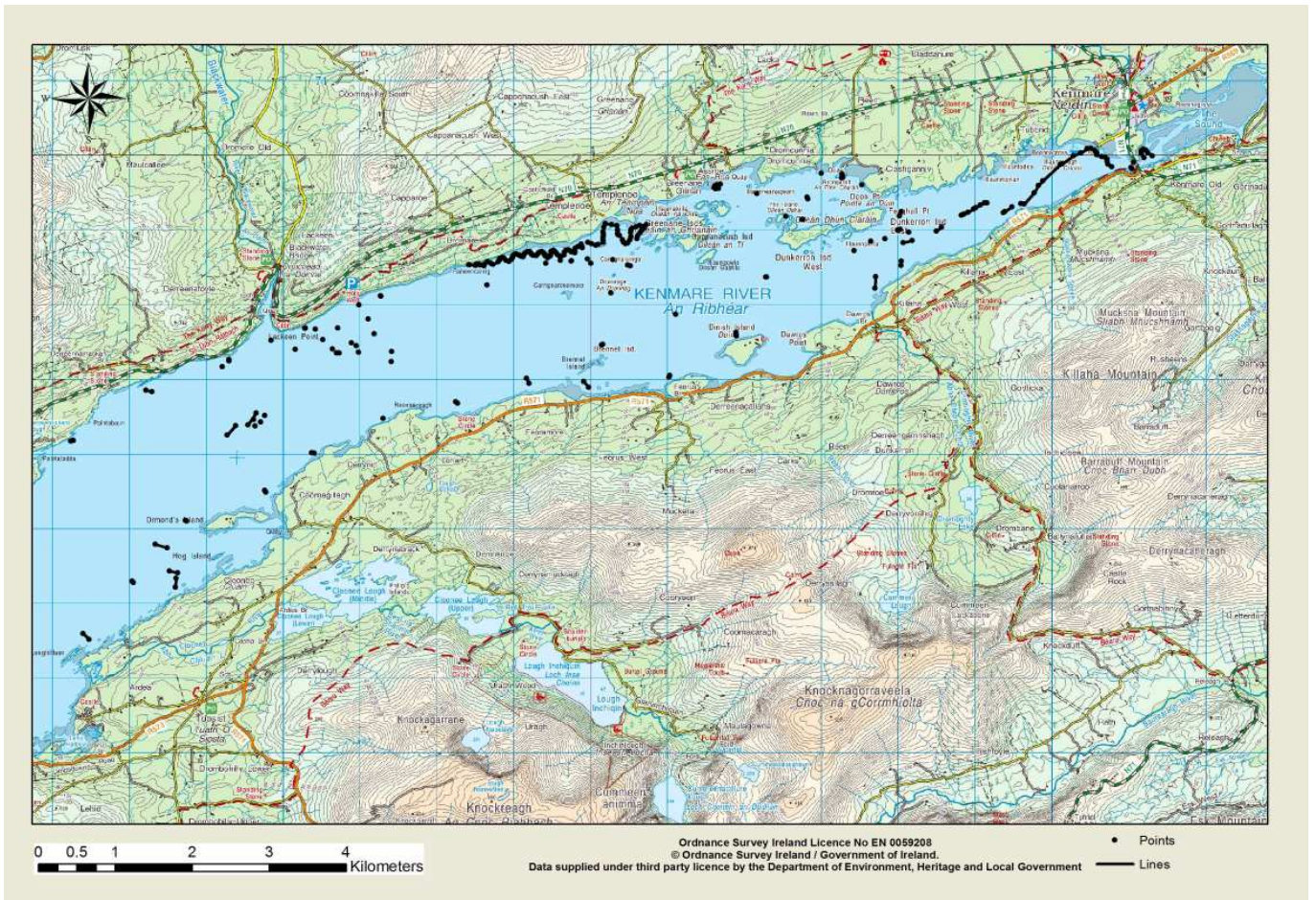
drawing of boundary lines. Appendix II contains species lists for key communities recorded during fieldwork. Appendix III summarises data recorded during individual transects.



Figure 4.1 Living maerl community, Ardgroom Harbour, Kenmare River SAC

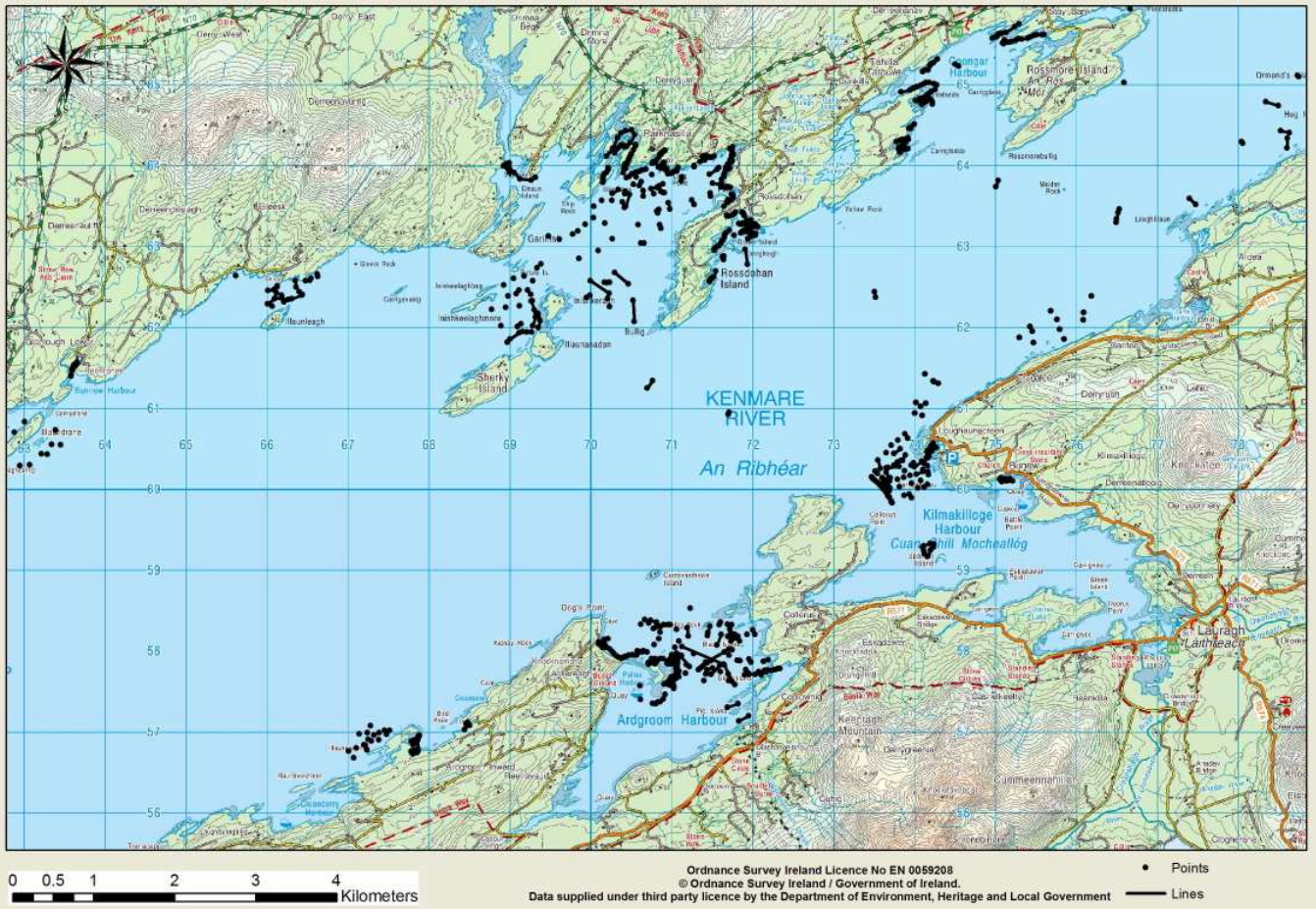
Table 4.2 Summary of Figures detailing area and community depicted

Reference	Area represented	Subject
Figure 4.2	Kenmare River SAC	Upper section transect lines and data points
Figure 4.3	Kenmare River SAC	Mid-section transect lines and data points
Figure 4.4	Kenmare River SAC	Lower section transect lines and data points
Figure 4.5	Kenmare River SAC	Dursey transect lines and data points
Figure 4.6	Tralee Bay and Maharee Islands West to Cloghane SAC	Transect lines and data points
Figure 4.7	Kenmare River SAC	Upper section <i>Zostera marina</i> communities
Figure 4.8	Kenmare River SAC	Mid-section <i>Zostera marina</i> communities
Figure 4.9	Kenmare River SAC	Lower section (northern shore) <i>Zostera marina</i> communities
Figure 4.10	Kenmare River SAC	Lower section (southern shore) <i>Zostera marina</i> communities
Figure 4.11	Kenmare River SAC	Maërl communities
Figure 4.12	Kenmare River SAC	<i>Pachycerianthus multiplicatus</i> communities
Figure 4.13	Kenmare River SAC	<i>Virgularia mirabilis</i> communities
Figure 4.14	Tralee Bay and Maharee Islands West to Cloghane SAC	<i>Zostera marina</i> communities



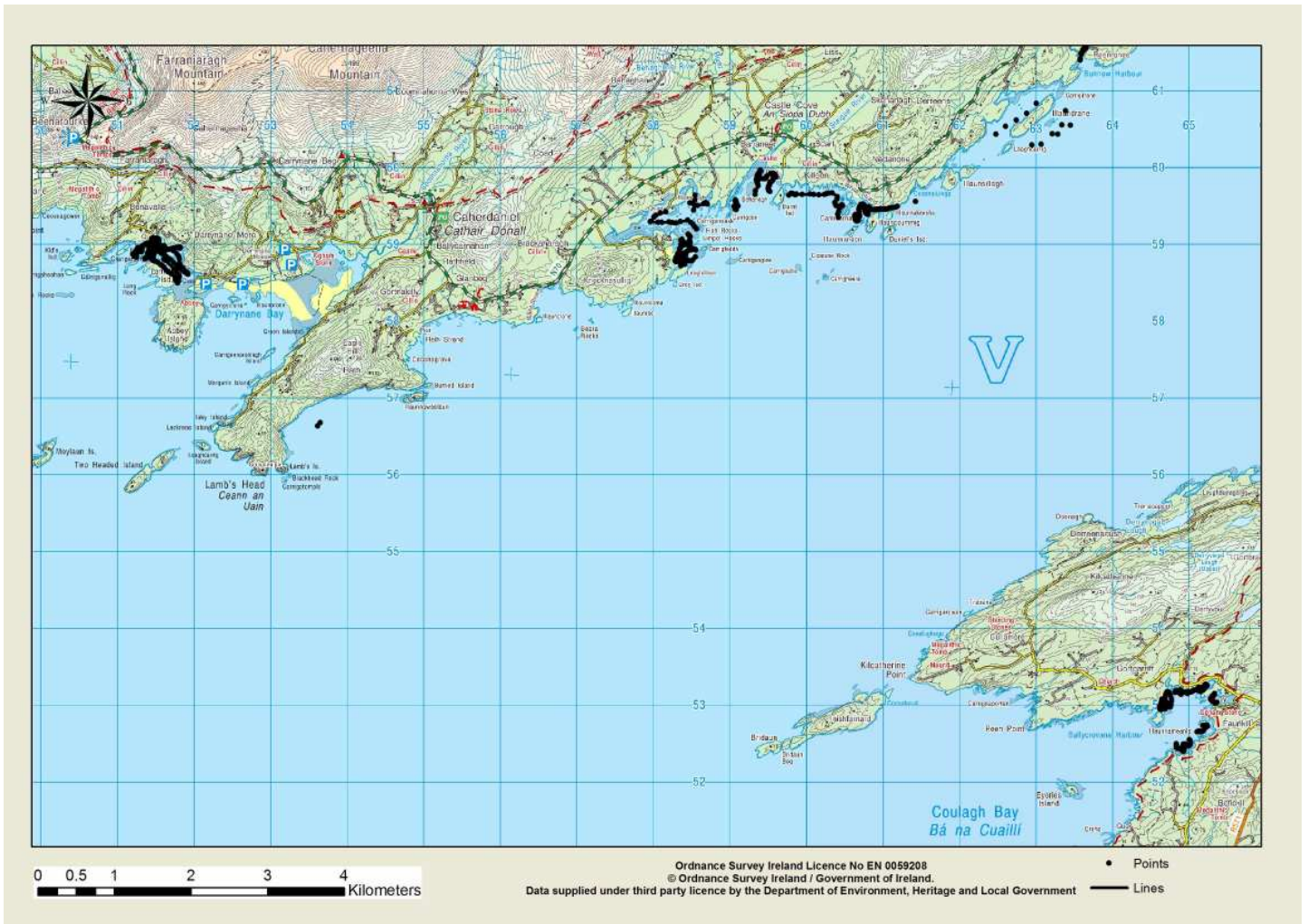
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Figure 4.2 Kenmare River (upper section) transect lines and data points



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Figure 4.3 Kenmare River (mid-section) transect lines and data points



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Figure 4.4 Kenmare River (lower) transect lines and data points



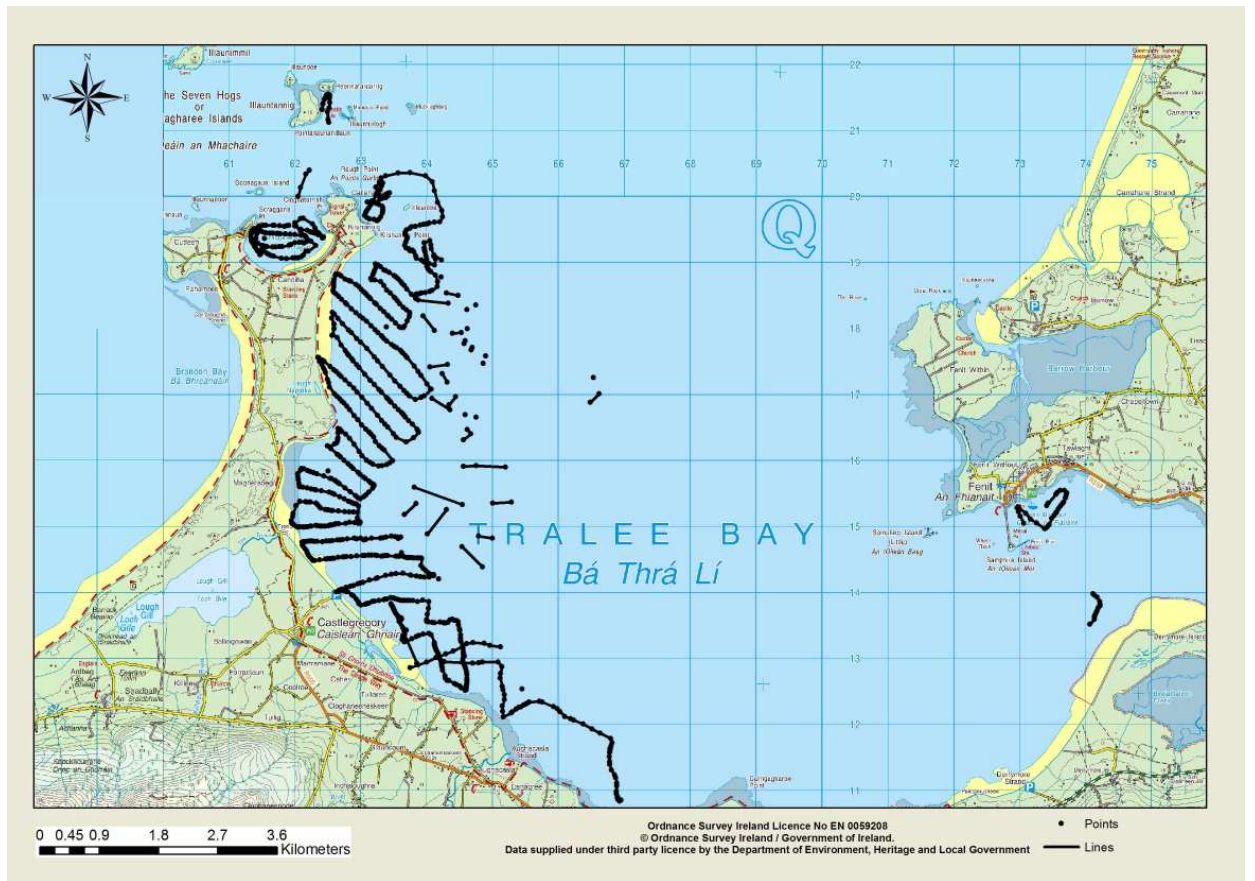
0 0.5 1 2 3 4 Kilometers

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• Points
 — Lines

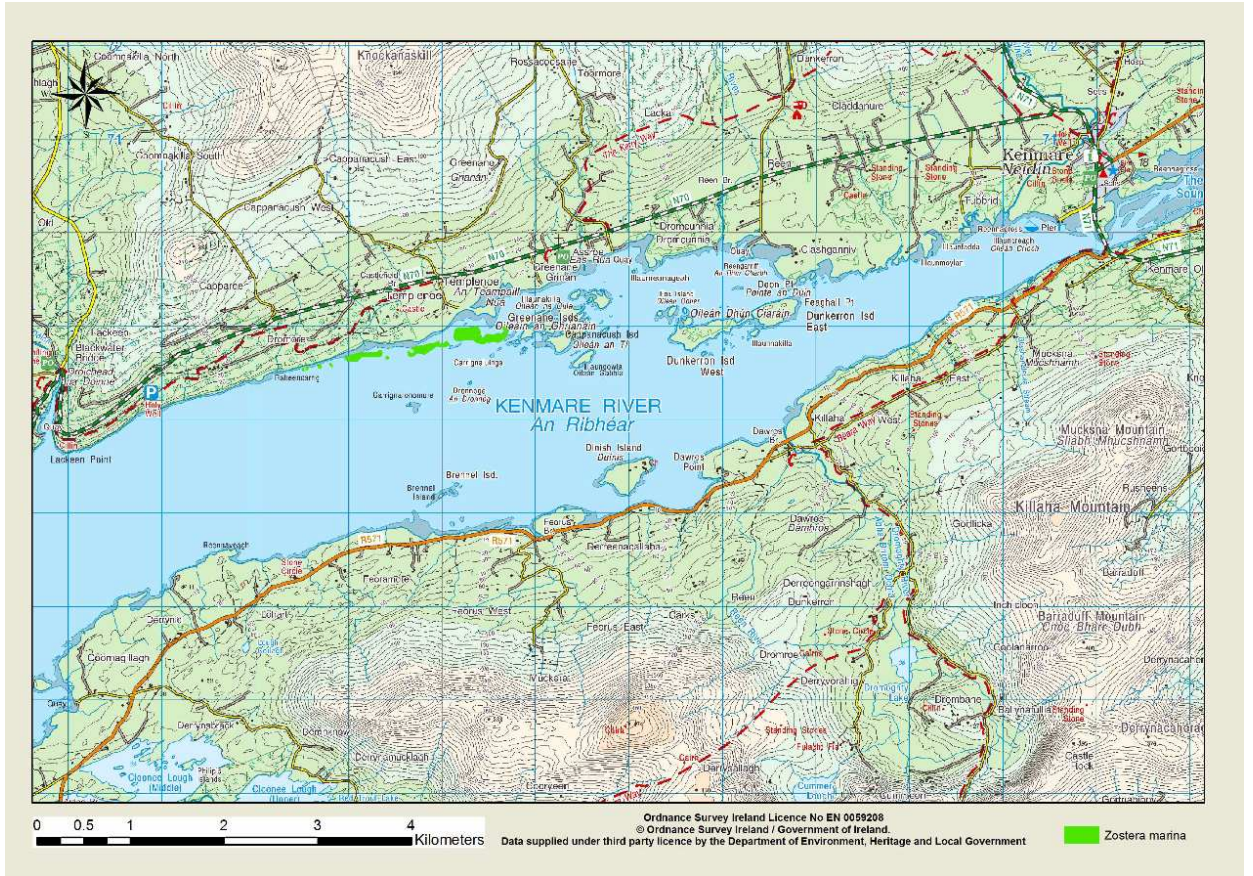
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Figure 4.5 Kenmare River (Dursey) transect lines and data points



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Figure 4.6 Tralee Bay and Maharees Peninsula West to Cloghane SAC transect lines and data points



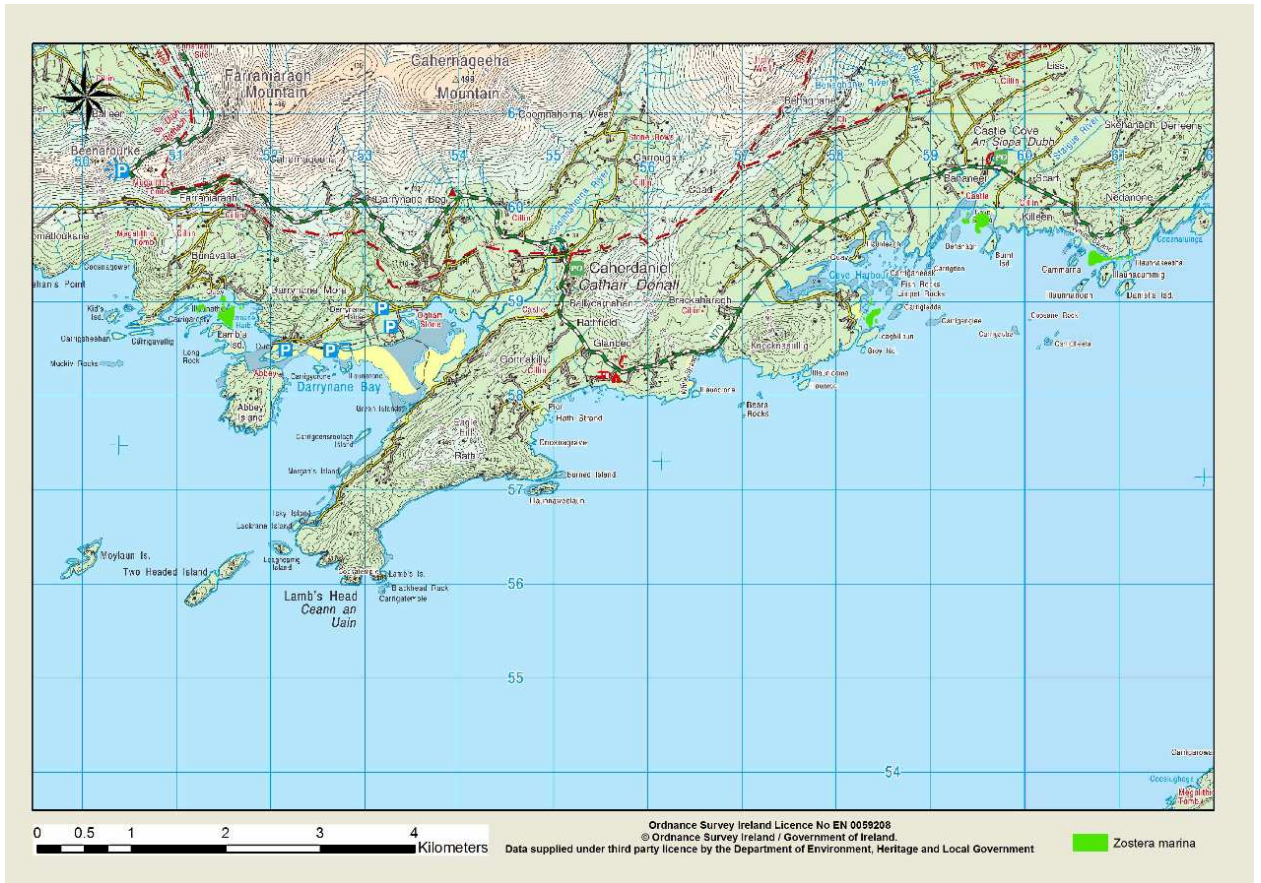
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Figure 4.7 Kenmare River (upper section) *Zostera marina* communities



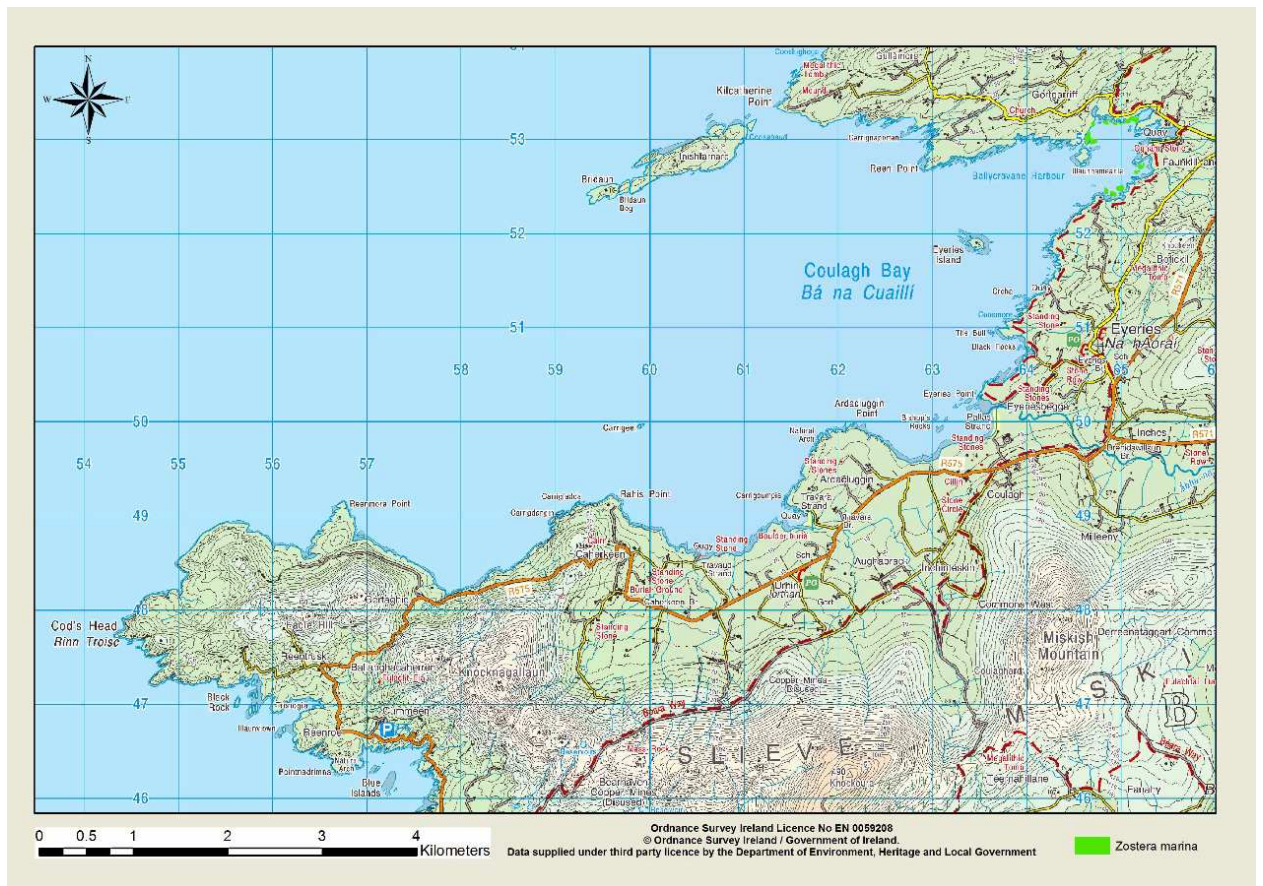
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Figure 4.8 Kenmare River (mid section) *Zostera marina* communities



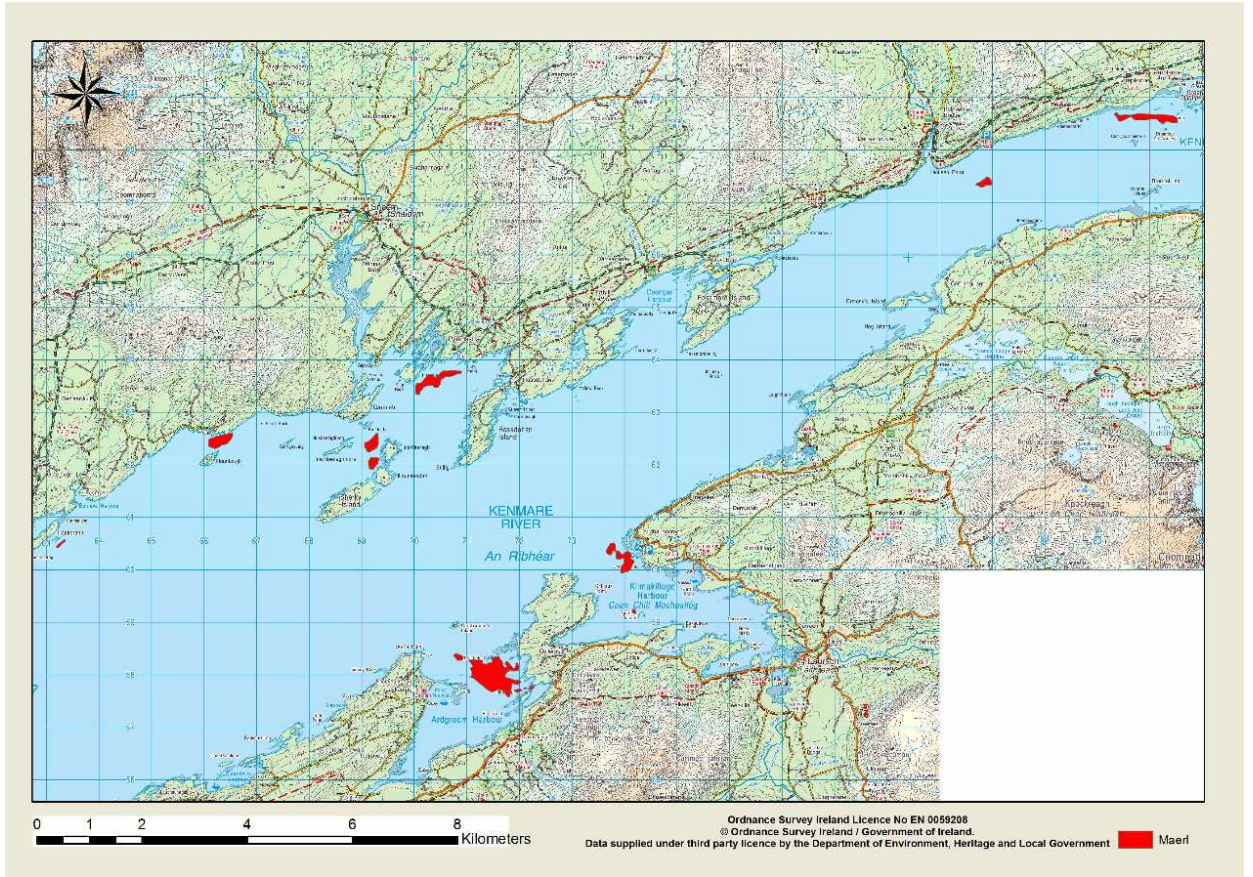
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Figure 4.9 Kenmare River (lower section of northern shore) *Zostera marina* communities



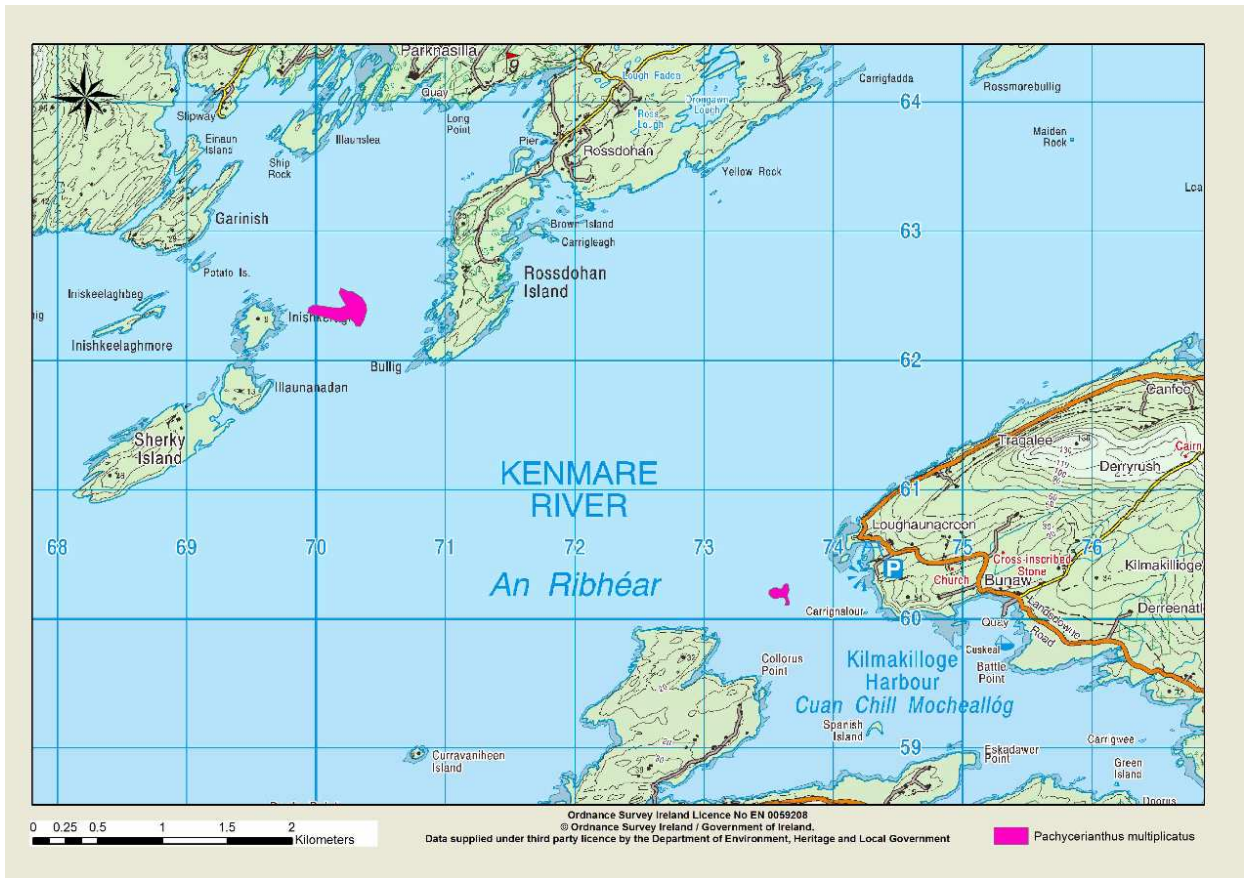
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Figure 4.10 Kenmare River (lower section of southern shore) *Zostera marina* communities



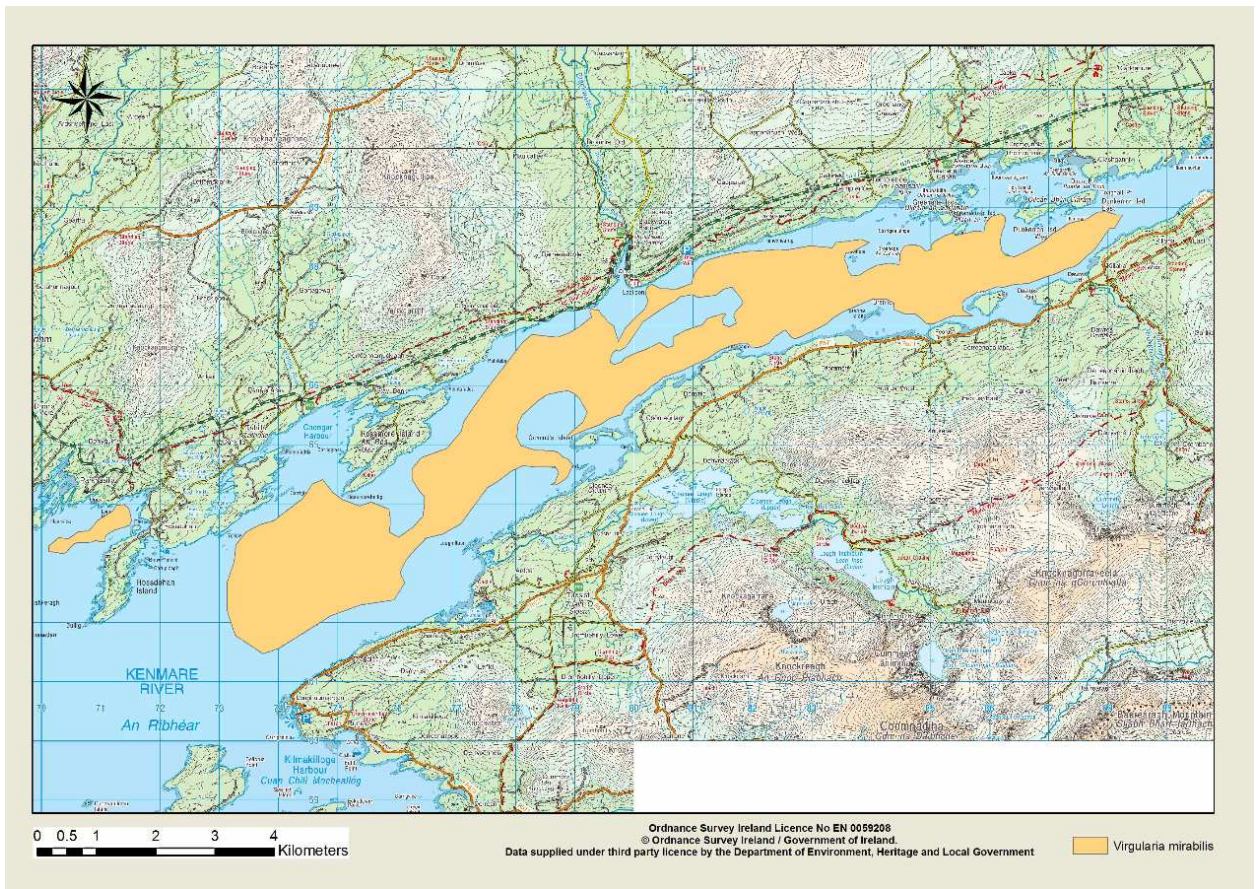
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Figure 4.11 Kenmare River maërl communities



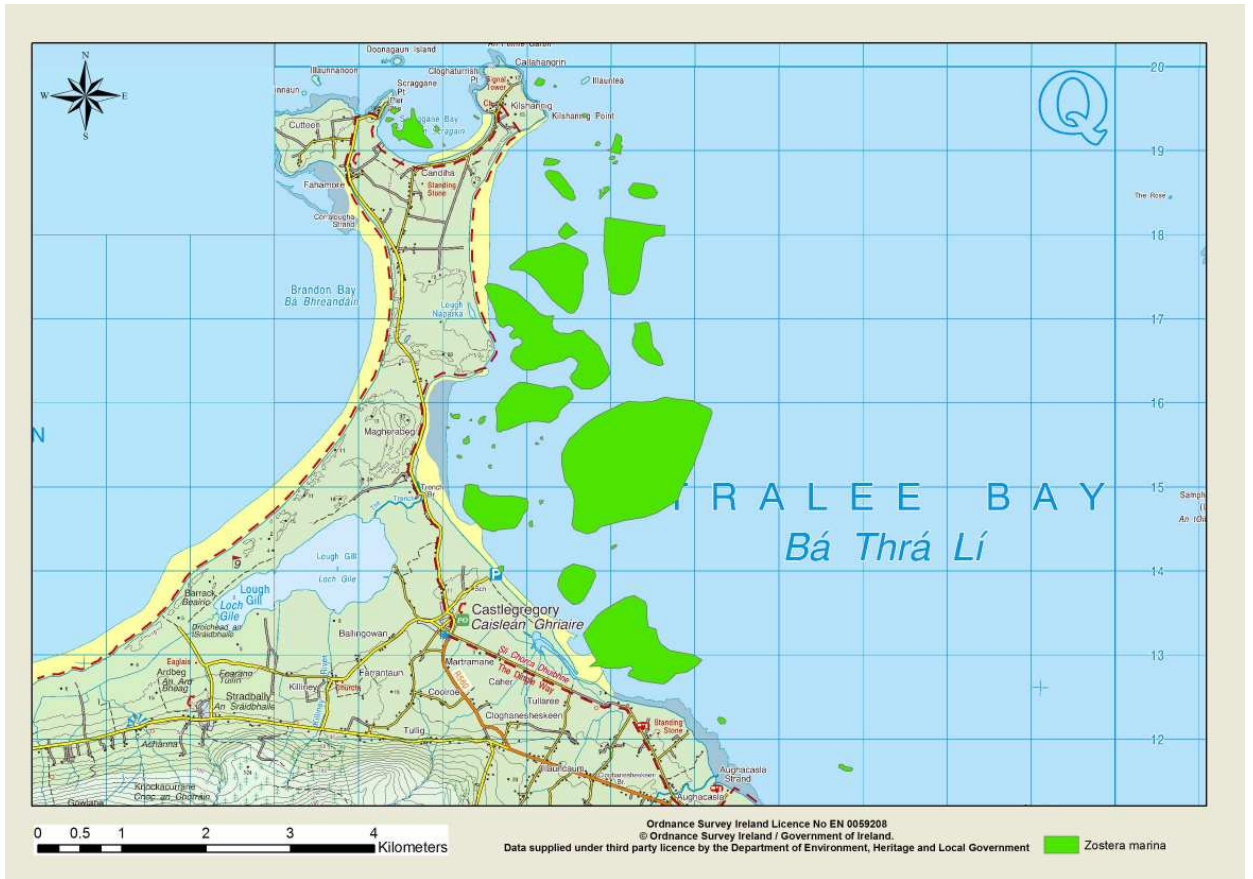
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Figure 4.12 Kenmare River *Pachycerianthus multiplicatus* communities



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Figure 4.13 Kenmare River *Virgularia mirabilis* communities



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Figure 4.14 Tralee Bay *Zostera marina* communities

4.2 Results - Kenmare River SAC

The large amount of new baseline data collected for Kenmare River during the survey compliments previous investigations at this site and adds considerable detail to these. Investigations in the shallow sections <-10m BCD have confirmed extensive areas of previously unrecorded seagrass and maërl communities.

Kenmare River provided a challenging marine environment in which to map habitats and communities. The bay reaches depths in excess of 80m in parts preventing the use of previously tested methodologies such as SCUBA and bottom viewers. In such instances a drop down video camera was successfully used to record seabed communities.

Seagrass beds were recorded on both the northern and southern shores of Kenmare River where sheltered conditions provided a suitable habitat. On the northern shore the main beds recorded were in a sheltered bay, encompassing Cove Harbour, to the west of Caherdaniel. A number of rocky islets in this area provide some shelter from the prevailing wind and wave action. On the southern shore seagrass beds were recorded at Ballycrovane Harbour with further small areas at Kilmakilloge and Ardgroom Harbour. Surveys of the upper section of the bay, for which historic records of seagrass exist, did not indicate any further seagrass beds. Kenmare River is a particularly exposed bay and the limited distribution of seagrass under such conditions would be expected. However, the absence of seagrass in the upper sections of the bay where historic records have previously recorded sea grass is a cause for concern.

On the northern shore of Kenmare River the main maërl beds recorded were inside of Rossdohan and Sherky islands. Further small areas of maërl were also recorded further up the bay on the northern shore between Lackeen Point and Templenoe. On the southern shore, maërl beds were recorded from Kilmakilloge and Ardgroom Harbour. At Ardgroom Harbour the rare maërl species (*Lithophyllum dentatum*) occurred on mud mixed with additional maërl species and interspersed with boulders.

The upper main channel of Kenmare River contained areas of the Sea pen *Virglaria mirabilis* in varying abundances in an area extending from Denkerron Island East to Ardgroom Harbour where it occurred on muddy substrates.

The Fireworks anemone (*Pachycerianthus multiplicatus*) was recorded from an area between Skerky Island and Rossdohan Island near Sneem on the northern shore of Kenmare River and also near the mouth of Kilmakilloge Harbour on the southern shore. In this area it occurred in sandy mud sediments together with *Cerianthus Llyodii* and *Peachia cylindrica*. *Swiftia pallida* was also recorded from rocky outcrops in this area

A substantial volume of photographic and video material was collected during the survey. Community characterisation dives were conducted on all significant sensitive subtidal communities encountered and the results are presented in the species lists given in Appendix II. All video and photographic imagery is presented in the accompanying electronic CD/DVD media.



Figure 4.15 *Pachycerianthus multiplicatus*. Kenmare River



Figure 4.16 *Lithophyllum dentatum*. Ardgroom Harbour, Kenmare River

4.3 Results - Tralee Bay and Maharee Islands West to Cloghane SAC

The survey of Tralee Bay and Maharee Islands West to Cloghane successfully mapped large areas of seagrass communities. These occurred on the eastern side of the peninsula between Brandon Bay and Tralee Bay, where sheltered conditions and shallow sandy substrates provided conditions favourable for seagrass.

Within this area it is notable that seagrass beds were recorded in depths of –10m BCD. While denser stands of seagrass were recorded in the shallower areas, seagrass with an abundance score of rare were recorded in the deeper areas. The deeper stands of seagrass generally had a short leaf blade length and occurred in either small patches or as individual plants. The occurrence of *Zostera marina* at this depth is unusual, however it is possible that due to the long day light hours (survey took place during the month of June) and exceptionally clear water conditions the recruitment of individuals was favoured at the time of survey.

In general, all of the seagrass beds surveyed appeared to be in good health. Species composition was typical for seagrass beds on shelly sand and the number of juvenile fish species associated with the beds was high at time of survey. Species diversity generally increased towards the edge of the beds. In some areas the native oyster (*Ostrea edulis*) was frequent at the margins of the beds. In these areas species diversity was higher and the Hermit crab (*Pagurus bernhardus*) with the parasitic anemone (*Calliactis parasitica*) was frequent.

While grab samples collected during the maërl survey of Ireland (De Grave et al 2000) showed fragments of maërl mixed with muddy sand, only occasional maërl fragments were found during this survey, the cover of which would not constitute a maërl bed.



Figure 4.16 *Pagurus bernhardus* with *Calliactis parasitica*. Tralee Bay

5. Summary

The survey has provided a substantial volume of high quality new data in relation to the distribution and extent of sensitive subtidal communities in Kenmare River and Tralee Bay and Maharee Islands West to Cloghane SACs. Of particular significance is the mapping of areas of previously unrecorded seagrass and maërl communities at both sites. The occurrence of large areas of *Zostera marina* at depths in excess of 10m in Tralee Bay is notable. The survey also mapped small areas of important invertebrate communities including *pachyverianthus multiplicatus* and *Virgularia mirabilis* in Kenmare River.

The data includes an extensive number of observations in relation to the quality of the communities recorded and it is anticipated that this will contribute greatly in the future to the monitoring of the sites.

The survey has also been useful in identifying threats to habitats and biological communities at a number of sites.

The successes of the study can largely be attributed to the following factors:

- the use of a stable and shallow draft vessel as a survey platform
- the availability to the survey team of previous data in relation to the distribution and occurrence of sensitive subtidal communities at each of the sites
- the use of advanced mapping equipment Thales Mobile Mapper CE
- the availability of in-house survey vessel resources, ensuring greater control and over transect line location and spacing
- the use of diver propulsion vehicles to cover seabed during dive transects
- the use of an underwater viewer in place of SCUBA techniques under appropriate conditions
- the use of a high quality drop down video system in deep water



Figure 5.1 *Peachia cylindrica*. East of Iniskearagh, Sneem Harbour, Kenmare River, Co. Kerry

6. References

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Appendix I Site Synopses

1. Kenmare River SAC

SITE NAME: KENMARE RIVER

SITE CODE: 002158

Kenmare River, Co. Kerry, is a long and narrow, south-west facing bay. It is a deep, drowned glacial valley and the bedrock is mainly Old Red Sandstone which forms reefs along the middle of the bay throughout its length. Exposure to prevailing winds and swells at the mouth diminishes towards the head of the bay. Numerous islands and inlets along the length of the bay provide further areas of additional shelter in which a variety of habitats and unusual communities occur.

Kenmare River has a very wide range of marine communities from exposed coast to ultra-sheltered areas. The site contains three marine habitats listed on Annex I of the EU Habitats Directive, namely reefs, large shallow bay and caves. There is also an extremely high number of rare and notable marine species present (24) and some uncommon communities. Kenmare River is the only known site in Ireland for the northern sea-fan, *Swiftia pallida* and is the only known area where this species and the southern sea-fan *Eunicella verrucosa* co-occur. Midway along the south coast of Kenmare River, a series of sea caves stretch back into the cliff. They typically support encrusting sponges, ascidians and bryozoans.

In the more exposed areas within Kenmare River the sublittoral sediment is composed mainly of coarse shelly sand and gravel forming small dunes frequently with sparse bivalves including *Lutraria*. In sheltered areas the muddy sand has communities characterised by burrowing megafauna. Some areas have the Norwegian Prawn *Nephrops norvegicus* and others the burrowing sea cucumber *Neopentadactyla mixta*. Kenmare River is one of only four known locations in Ireland for the burrowing anemone *Pachycerianthus multiplicatus*. Communities characterised by burrowing brittlestars including the uncommon *Ophiopsila annulosa* also occur. Red calcareous free living algae generally termed 'maerl' (also known as 'coral') occur in the sheltered bays and at one site the rare burrowing brittlestar *Amphiura securigera* occurs.

The Annex I habitat 'perennial vegetation of stony banks' is well represented at two locations within Kenmare River – Pallas Harbour and Rossdohan Island. Characteristic species recorded here include Thrift (*Armeria maritima*), Common Scurvygrass (*Cochlearia officinalis*), Rock Samphire (*Crithmum maritimum*) and Sea Campion (*Silene vulgaris* subsp. *maritima*). Beaches in outer Kenmare River are composed of coarse, mobile sand and have sand hoppers in the high shore and polychaete worms in the low shore. More sheltered coves, sometimes backed by sand dunes, have sandhoppers in the upper shore, lugworm (*Arenicola marina*) in the midshore and the razor shell *Ensis arcuatus* and the burrowing sea-urchin *Echinocardium cordatum* in the lower shore.

Within the Derrynane Bay area on the south side of the Iveragh Peninsula there are good examples of a number of habitats listed on Annex I of the EU Habitats Directive including dry heath, fixed dunes, marram dunes, sea cliffs and salt meadows (both Atlantic and Mediterranean types). Of particular note within the dry heath habitat here is the occurrence of the rare Kerry Lily (*Simethis planifolia*) which, except for

one recently discovered site in Co. Cork, is unknown in Ireland outside of the Derrynane area. Kerry Lily is protected under the Flora (Protection) Order 1999. Several other locally uncommon plant species add to the importance of this area: Chaffweed (*Anagallis minima*), Crowberry (*Empetrum nigrum*), Madder (*Rubia peregrina*) and Roseroot (*Rhodiola rosea*).

Fixed dunes, a priority habitat on the Habitats Directive, occur at Derrynane. In damp slacks amongst the sand dunes, the rare snail *Vertigo angustior* has been found. This species is listed on Annex II of the EU Habitats Directive. The nationally endangered and protected Red Data Book species, Natterjack Toad, has also been recorded from this area and, following a re-introduction programme, has re-established itself at the site.

Kenmare River holds an important population of Common Seal (maximum annual count of 121, including pups, since 1989). Some 40 of these frequent the Greenane Islands and Brennel Island groups. Otters are also known to occur within the site. Both the Common Seal and the Otter are listed on Annex II of the EU Habitats Directive. Two internationally important roosts of the Lesser Horseshoe Bat, another species listed on Annex II of the EU Habitats Directive, are included in the site: approximately 100 bats were recorded hibernating in a souterrain near Dunkerron in 2001, while over 100 bats have been counted in recent summers in a two-storey cottage near Killaha.

An Common/Arctic Tern (20+ pairs) have been recorded breeding on rocky islands in Derrynane Bay and on other islands within the site including Eyerries Island, Spanish Island and Brennel Island. In 1995 two pairs of the scarce Little Tern bred. Recreational activities pose the greatest potential threat to many parts of Kenmare River. Within this large coastal site there are several resorts for water sports and a number of popular beaches. Bait digging is also a potential threat in some areas. Housing developments within the areas of dry heath present another possible threat to the integrity of the site. The seals and bats may be vulnerable to disturbance. Grazing at Derrynane is managed for the conservation of the dune habitats and the rare species they contain.

Kenmare River contains an exceptional complement of marine and terrestrial habitats, many of which are listed on Annex I of the EU Habitats Directive. The presence of a number of rare species, including two species listed on Annex II of the Directive and a protected plant, together with the ornithological interest of the area, adds further to the importance of the site.

2. Tralee Bay and Maharee Islands West to Cloghane SAC

SITE NAME: TRALEE BAY AND MAGHAREES PENINSULA, WEST TO CLOGHANE

SITE CODE: 002070

This large site stretches from Tralee town westwards to Fenit Harbour and Cloghane, encompassing Tralee Bay, Brandon Bay and the Magharees Peninsula. It includes extensive mudflats at the eastern end, the beaches of Derrymore Island, the sand dunes and lagoons of the Magharees Peninsula as well as the rocky headlands at its end. The site includes two Statutory Nature Reserves, Tralee Bay and Derrymore Island, and much of the estuarine part of the site has been designated an SPA. Many coastal habitats that are listed on Annex I of the EU Habitats Directive, including three which are recognised as priority habitats (fixed dune, alluvial forest and lagoon), occur within the site. Populations of the Annex II bryophyte *Petalophyllum ralfsii* also occur here.

The site is mostly underlain by limestone, but significant parts of this are covered with glacial drift or windblown sand. The main exposures occur at Fenit port, Oyster Hall, Blennerville and at Rough Point and Fahamore, but there are some other low outcrops on the beaches west to Castlegregory. Elsewhere the sandstones and slates of the Dingle Beds appear.

The site is a candidate SAC selected for lagoon, fixed dunes and alluvial forests, all priority habitats on Annex I of the E.U. Habitats Directive. The site is also selected as a candidate SAC for other habitats listed on Annex I of the directive – perennial vegetation of stony banks, drift line vegetation, estuaries, reefs, Marram dunes, dune slack, dunes with Creeping Willow, Salicornia mudflats, tidal mudflats, large shallow inlets and bays, Atlantic saltmarsh and Mediterranean saltmarsh. In addition, the site is also selected as a candidate SAC for the liverwort, Petalwort and the Otter, a plant and animal species listed on Annex II of the E.U. Habitats Directive.

Both the Tralee and Brandon (Owenmore) estuaries feature wide expanses of sheltered intertidal flats, often fringed with saltmarsh vegetation. Plant species are typically scarce on the flats, although there are some Eel-grass (*Zostera* spp.) beds and patches of green algae (e.g. *Ulva* sp. and *Enteromorpha* sp.). The Eel-grass beds at Derrymore Island include *Zostera noltii*, a species which has a limited distribution in Ireland. A variety of polychaetes (worms) and bivalves are also present in the intertidal sections.

The majority of Tralee Bay is shallow and composed of sublittoral sediments. In the more sheltered areas of the bay, there is a variety of important sublittoral sediment communities in which a number of rare species occur. Seagrass beds in sandy substrates are characterized by oysters and the rare anemone *Calliactis parasitica* which lives on shells inhabited by the hermit crab *Pagurus bernhardus*. The little known hydroid, *Laomedea angulata*, is also found on the fronds of the seagrass. The native oyster, *Ostrea edulis* occurs in sediment communities throughout the bay. Maerl beds, composed of the free-living coralline algae *Lithothamnion corallioides* and *Phymatolithon calcareum*, and characterized by anemones (*Anthopleura balli*) and oysters, occur in the middle of the bay. The rare anemone, *Halcampa*

chrysanthellum, has been recorded here.

The intertidal reefs of Tralee Bay and the Magharees peninsula range from being exposed to sheltered from wave action and the communities present are good examples of the communities found on shores with this range of exposure to wave action. The barnacle/limpet community with the lichen *Lichina pygmaea* is an uncommon community and is found in the upper mid shore at Rough Point. The low shore at Rough Point, which is moderately exposed to wave action, and the shore at Coosanea, which is sheltered from wave action, are both very species rich. Rocky outcrops on the shore half way round the bay near Camp are known to support a community of the honeycomb worm *Sabellaria alveolata* which is uncommon. The sublittoral reefs support communities characterised by a variety of red foliose algae, as well as the brown algae *Dictyota dichotoma*, and are typical of communities that are subjected to sand scour as indicated by the presence of the red algae *Furcellaria lumbricalis* and *Polyides rotundus*.

In the transition zone between the intertidal flats and saltmarsh, specialised colonisers of mud predominate - swards of Common Cord-grass (*Spartina anglica*) are extensive on the leeward side of Derrymore Island, while swards of Glasswort (*Salicornia europaea* agg.) also occur in parts of the site.

Saltmarsh vegetation frequently fringes the mudflats, with the most extensive areas being found at Blennerville, Derrymore Island and Formoyle in Brandon Bay. The dominant type of saltmarsh present is Atlantic salt meadow. Characteristic species occurring include Common Saltmarsh-grass (*Puccinellia maritima*), Sea Aster (*Aster tripolium*), Thrift (*Armeria maritima*), Sea-milkwort (*Glaux maritima*), Sea Plantain (*Plantago maritima*), Red Fescue (*Festuca rubra*), Creeping Bent (*Agrostis stolonifera*), Saltmarsh Rush (*Juncus gerardii*), Long-bracted Sedge (*Carex extensa*), Lesser Sea-spurrey (*Spergularia marina*) and Sea Arrowgrass (*Triglochin maritima*). Areas of Mediterranean salt meadows, characterised by clumps of Sea Rush (*Juncus maritimus*), occur occasionally.

Sandy beaches backed by strips of 'white' dunes are common along the southern shore of the site. The vegetation of these 'white' dunes is dominated by Marram Grass (*Ammophila arenaria*). However, the main dune area on this southern shore occurs on the Magharees Peninsula - a tombolo which joins a number of the Magharees Islands with the mainland. Here there are extensive areas of fixed 'grey' dunes, which feature a number of damp hollows or dune slacks. The fixed dunes are species-rich with characteristic species such as White Clover (*Trifolium repens*), Lesser Hawkbit (*Leontodon taraxacoides*), Common Centaury (*Centaureum erythraea*), Lady's Bedstraw (*Galium verum*) and grasses (e.g. *Festuca rubra*, *Poa trivialis* and *Avenula pubescens*).

Relatively scarce plants found on the dunes include the following: Fringed Rock-cress (*Arabis brownii*), Fragrant Orchid (*Gymnadenia conopsea*), Squinancywort (*Asperula cynanchica*), Autumn Lady's-tresses (*Spiranthes spiralis*) and Dodder (*Cuscuta epithimum*). Dune slack species include Strawberry Clover (*Trifolium fragiferum*), Chaffweed (*Anagallis minima*) and a fungus, *Inocybe halophila*.

Lough Gill, a natural sedimentary lagoon, is located at the base of the Magharees Peninsula. The lagoon is only slightly brackish and therefore contains freshwater species along with lagoon specialists. Submerged flora present includes Beaked

Tasselweed (*Ruppia maritima*) and Horned Pondweed (*Zannichellia palustris*), while species fringing the lagoon include Common Reed (*Phragmites australis*), Sea Clubrush (*Scirpus maritimus*) and Grey Club-rush (*Scirpus lacustris* subsp. *tabernaemontani*).

Other coastal habitats that occur within the site include shingle beaches, rocky shores and vegetated sea-cliffs. The site also contains fragments of terrestrial habitats such as deciduous woodland, scrub, heath, dry limestone grassland, wet grassland and freshwater marshes.

There is some good limestone flora on the hill at Oyster Hall, with Burnet Rose (*Rosa pimpinellifolia*), Southern Polypody (*Polypodium australe*) and Hairy Rock-cress (*Arabis hirsuta*) occurring. There is an old record too for the Red Data Book species, Sea-kale (*Crambe maritima*). At Fahamore and Rough Point it is the intertidal communities that are particularly rich, benefiting from a multitude of microhabitats in the eroded limestone. Red algae are frequent including the agar seaweeds, *Gelidium* and *Pterocladia*.

Beach features dominate the northern coast of the Dingle Peninsula with an excellent series of shingle ridges forming Derrymore Island and the tombolo which links former Magheree Islands (Rough Point, etc.) to the mainland. Here there is a large area of well-developed sand dunes with an exceptionally rich flora and great topographic variation. The flora includes Fringed Rock-cress, Squinancywort, Dodder, Autumn Lady's-tresses and Chaffweed - all plants with a restricted distribution in the west of Ireland. These occur in a vegetation of Red Fescue with scattered Marram and such herbs as Lady's Bedstraw, Wild Thyme (*Thymus praecox*), Common Bird's-foot-trefoil (*Lotus corniculatus*) and Kidney Vetch (*Anthyllis vulneraria*). Yellow-rattle (*Rhinanthus minor*), Eyebright (*Euphrasia* spp.), Pyramidal Orchid (*Anacamptis pyramidalis*) and Spotted Orchid (*Dactylorhiza maculata*) are four sensitive species which also occur here. At the seaward edge drift line vegetation is often present. Between the dunes where erosion has removed the sand down to the watertable there are temporary ponds or dune slacks with many additional species. Marsh Pennywort (*Hydrocotyle vulgaris*), Silverweed (*Potentilla anserina*), various sedges (*Carex panicea* and *C. nigra*) and, in places, Strawberry Clover, Adder's-tongue (*Ophioglossum vulgatum*), Knotted Pearlwort (*Sagina nodosa*) and Marsh Orchids (*Dactylorhiza majalis* and *D. incarnata*) all occur. Some parts of the dune slacks feature a vegetation community characterised by the presence of Creeping Willow (*Salix repens*).

Woodland is rare on the Dingle Peninsula so the three stands included in this site are locally important. A deserted river valley at Killelton, the steep valley of the Finglas River at Camp and the west-facing slopes of Drom Hill opposite Cloghane all have features of significant interest. The last site has many species of lower plant (liverworts and lichens) that form distinctive elements of the westernmost natural woods in Ireland. At Garrahies Wood, adjacent to the Finglas River, there is an example of wet woodland on base-rich soils subject to flooding. The woodland type falls into the ash-alder alluvial forest category.

The dune complex on the Magharees Peninsula supports the largest Irish breeding population of Natterjack Toads. Indeed, the population may be the largest breeding population in Britain and Ireland. The Natterjack is listed as vulnerable in the Red Data Book and is protected under both European and national legislation. The toads

require shallow warm water to spawn in and sandy habitats for overwintering. Their tadpoles are vulnerable to predation in permanent lakes but despite this they have some success in Lough Gill which is a shallow lake with flat shores of sand, wet grassland or marsh. Natterjack Toads also breed within the site at Fermoy, to the west. Also recorded from Fermoy is the rare, semi-aquatic snail, *Vertigo angustior*, a species listed on Annex II of the EU Habitats Directive. Two species of hover fly - *Platycheirus perpilladus* and *Sphaerophoria loewi* - have their only Irish records from the Magharees Peninsula dune system and a water beetle *Cercyon sternalis* was first recorded in Ireland in 1997 in Lough Gill.

The site supports populations of several rare plant species. The bryophyte Petalwort (*Petalophyllum ralfsii*), which is listed on Annex II of the E.U. Habitats Directive, is known from the dune slacks on the Magharees Peninsula and Smooth Brome (*Bromus racemosus*), a Red Data Book grass, has been recorded from two wet meadows within the site. Several aquatic plants of interest grow in Lough Gill, the rarest being the Red Data Book stonewort *Chara canescens*. The Slender-leaved Pondweed (*Potamogeton filiformis*) occurs far to the south of its distribution elsewhere in Ireland and Britain, while there are also old records for the Tasselweed (*Ruppia spiralis*). The marshes along the southern shore used to support a rich variety of vegetation including several species rare in Kerry such as Water Dock (*Rumex hydrolapathum*) and Greater Spearwort (*Ranunculus lingua*) as well as sedges (*Carex dioica*, *C. limosa* and *C. diandra*) on patches of peat. Despite local reclamation it is likely that most of these still survive.

Tralee Bay, including Lough Gill, is an internationally important wetland for wintering waders and wildfowl. Species present which are listed on Annex I of the E.U. Birds Directive include Whooper Swans (24, mid-1980s), Golden Plover (3053, 1994-95) and Bar-tailed Godwit (903, 1995-96). The dunes also provide an important feeding ground for Chough, a resident Annex I species.

Other wintering waders and wildfowl present include: Pale-bellied Brent Geese (944, mid-1980s), Shelduck (218, 1995-96), Gadwall (14, 1994-95), Teal (860, 1994-95), Pintail (56, 1995-96), Shoveler (144, mid-1980s), Scaup (1560, 1994-95), Scoter (620, 1994-95), Red-breasted Merganser (46, 1994-95), Ringed Plover (332, 1994-95), Grey Plover (674, 1995-96), Lapwing (5700, 1994-95), Knot (320, 1994-95), Sanderling (270, 1994-95), Purple Sandpiper (103, mid-1980s), Dunlin (4122, 1995-96), Black-tailed Godwit (508, 1994-95), Curlew (826, 1994-95), Redshank (352, 1995-96), Greenshank (21, 1994-95) and Turnstone (477, mid-1980s). Most of these species are present in nationally important numbers.

Otters regularly feed within this extensive site though it is not known if they breed. Otter is listed on Annex II of the EU Habitats Directive. The dunes face pressures from intensive farming practises and recreational use by visitors to the site. The most threatening activities include fertilisation of the species rich dune grasslands, overgrazing, and trampling of areas of dunes adjacent to tourist facilities (e.g. caravan parks). These activities may lead to severe erosion of the dune system and eutrophication of the dune grasslands and dune slacks. Parts of the dune system are also vulnerable to invasion by Sea Buckthorn (*Hippophae rhamnoides*). Agricultural run-off from areas of fertilised dune grasslands in the vicinity of Lough Gill pose a continued threat to the nutrient status of the lagoon; algal blooms and fish kills have occurred in the past. Removal of sand has also occurred and poses a threat to the integrity of the system.

Generally, the intertidal areas are relatively robust, although certain communities are vulnerable. For example, *Spartina* has spread widely, and may oust less vigorous colonisers of mud and may also reduce the area of mudflat available to feeding birds. Other activities, such as land reclamation and aquaculture, pose potential threats in terms of damage to habitats and potential disturbance to wintering birds.

Domestic and industrial wastes are discharged into inner Tralee Bay, but water quality is generally satisfactory - except in the inner bay reflecting the sewage load from Tralee Town. Further industrial development along the bay in the vicinity of Tralee Town and Fenit and water polluting operations are potential threats.

This site is of considerable ecological and conservation significance for the excellent diversity of habitats it contains, many of which are listed on Annex I of the E.U. Habitats Directive. The occurrence of a species listed on Annex II of the E.U. Habitats Directive adds further importance to the site. The presence of a number of Red Data Book species including the largest population of Natterjack Toads in Ireland, is also notable, as is the occurrence of several species listed on Annex I of the E.U. Birds Directive.

Appendix II Species Lists / Community characterisation dives Kenmare River SAC

Location	Kenmare River, Sneem Harbour. East of Iniskearagh
Grid Reference	70197 62557
Date	29-6-2009
Depth	15.5m
Site description	Muddy sand with scarce epifauna. Three individuals of <i>Pachycerianthus multiplicatus</i> recorded

Species	Abundance (DAFOR)
<i>Pachycerianthus multiplicatus</i> (Carlgren)	P
<i>Cerianthus loydii</i> (Gosse)	F
<i>Peachia cylindrica</i> (Gosse)	O
<i>Eupolymnia nebulosa</i> (Montagu)	F
<i>Pecten maximus</i> (Linnaeus)	O
<i>Amphiura filiformis</i> (Müller)	A
<i>Pagurus bernhardus</i> (Linnaeus)	O

Location	Kenmare River, Mouth of Kilmacologue
Grid Reference	73982 60305
Date	29-6-2009
Depth	6.0m
Site description	100 percent cover of live maërl over muddy sand approximately 5-7cm thick.

Species	Abundance (DAFOR)
Maërl sp.	A
<i>Pagurus bernhardus</i> (Linnaeus)	O
<i>Marthasterias glacialis</i> (Linnaeus)	R
<i>Eupolymnia nebulosa</i> (Montagu)	O
<i>Anemonia viridis</i> (Forsk.)	O
<i>Necora puber</i> (Linnaeus)	O
<i>Liocarcinus depurator</i> (Linnaeus)	O
<i>Cancer pagurus</i> (Linnaeus)	P
<i>Ulva lactuca</i> (Linnaeus)	O
<i>Pisidia longicornis</i> (Linnaeus)	A
<i>Macropodia tenuirostris</i> (Leach)	R
<i>Pholis gunnellus</i> (Linnaeus)	P

Location	Kenmare River, Sherky Island.
Grid Reference	69276 62334
Date	29-6-2009
Depth	6m
Site description	100 percent cover of living and dead maërl approximately 5cm deep.

Species	Abundance (DAFOR)
Maërl sp.	A
<i>Pagurus bernhardus</i> (Linnaeus)	R
<i>Cancer pagurus</i> (Linnaeus)	P
<i>Liocarcinus depurator</i> (Linnaeus)	R
<i>Necora puber</i> (Linnaeus)	O
<i>Marthasterias glacialis</i> (Linnaeus)	P
<i>Eupolymnia nebulosa</i> (Montagu)	O
<i>Chaetopterus variopedatus</i> (Renier)	R

Location	Kenmare River. Ballycrovane.
Grid Reference	64664 53013
Date	29-6-2009
Depth	5.3m
Site description	<i>Zostera marina</i> (Abundant) on coarse sand

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	A
<i>Anemonia viridis</i> (Forsk.)	F
<i>Chaetopterus variopedatus</i> (Renier)	F
<i>Anthopleura ballii</i> (Cocks)	O
<i>Spinachia spinachia</i> (Linnaeus)	P
<i>Pomatoschistus minutus</i> (Pallas)	F

Location	Kenmare River, Inside Bird Island
Grid Reference	67814 56764
Date	29-6-2009
Depth	4.8m
Site description	<i>Zostera marina</i> (Abundant) on muddy sand

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	F
<i>Anemonia viridis</i> (Forsk.)	F
<i>Chaetopterus variopedatus</i> (Renier)	F
<i>Pecten maximus</i> (Linnaeus)	O
<i>Anthopleura ballii</i> (Cocks)	O
<i>Sagartiogeton undatus</i> (Muller)	O
<i>Gibbula cineraria</i> (Linnaeus)	F

Location	Kenmare River, Ardgroom.
Grid Reference	71270 57972
Date	29-6-2009
Depth	5.0m
Site description	100 percent cover of living and dead maërl covered by a dense layer of macro algae.

Species	Abundance (DAFOR)
Maërl sp.	A
<i>Anemonia viridis</i> (Forsk.)	O
<i>Necora puber</i> (Linnaeus)	O
<i>Pagurus bernhardus</i> (Linnaeus)	O
<i>Cancer pagurus</i> (Linnaeus)	P
<i>Eupolyornia nebulosa</i> (Montagu)	F
<i>Gobiosculus flavescens</i> (Fabricius)	O
<i>Liocarcinus depurator</i> (Linnaeus)	O
<i>Pisidia longicornis</i> (Linnaeus)	A
<i>Leptasterias muelleri</i> (Sars)	O
<i>Macropodia rostrata</i> (Linnaeus)	P

Location	Kenmare River, Ardgroom
Grid Reference	71729 58229
Date	29-6-2009
Depth	5.0m
Site description	<i>Lithophyllum dentatum</i> (Abundant) on mud mixed with additional maërl species and interspersed with boulders

Species	Abundance (DAFOR)
<i>Lithophyllum dentatum</i>	A
Maërl sp.	F
<i>Eupolymnia nebulosa</i> (Montagu)	A
<i>Ulva lactuca</i> (Linnaeus)	F
<i>Necora puber</i> (Linnaeus)	O
<i>Pagurus bernhardus</i> (Linnaeus)	R
<i>Pholis gunnellus</i> (Linnaeus)	P
<i>Marthasterias glacialis</i> (Linnaeus)	O
<i>Holothuria forskali</i> (Delle Chiaje)	O

Location	Kenmare River, Ardgroom.
Grid Reference	71067 57820
Date	29-6-2009
Depth	5.0m
Site description	<i>Zostera marina</i> (Frequent) on muddy sand. Very species poor

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	F
<i>Anemonia viridis</i> (Forsk.)	F
<i>Anthopleura ballii</i> (Cocks)	F
<i>Marthasterias glacialis</i> (Linnaeus)	O
<i>Macropodia tenuirostris</i> (Leach)	P
<i>Liocarcinus depurator</i> (Linnaeus)	O
<i>Sargassum muticum</i> (Yendo)	O

Location	Kenmare River, Daniel's Island
Grid Reference	61026 59459
Date	29-6-2009
Depth	2.5m
Site description	<i>Zostera marina</i> (Rare) on sand

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	R
<i>Haliclystus auricula</i> (Rathke)	F
<i>Lanice Conchilega</i> (Pallas)	O
<i>Arenicola marina</i> (Linnaeus)	F
<i>Gobiusculus flavescens</i> (Fabricius)	O
<i>Trigla lucerna</i> (Linnaeus)	P
<i>Hinia reticulata</i> (Linnaeus)	F
<i>Syngnathus acus</i> (Linnaeus)	P
<i>Necora puber</i> (Linnaeus)	O
<i>Solea solea</i> (Linnaeus)	P

Location	Kenmare River, West Cove.
Grid Reference	58351 58763
Date	29-6-2009
Depth	5.5m
Site description	<i>Zostera marina</i> (Frequent) on sand. Abundant juvenile fish species present

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	F
<i>Anemonia viridis</i> (Forsk.)	O
<i>Sargassum muticum</i> (Yendo)	F
<i>Labrus bergylta</i> (Ascanius)	P
<i>Gobiusculus flavescens</i> (Fabricius)	F

Location	Kenmare River, Bunnow Harbour
Grid Reference	63635 61549
Date	29-6-2009
Depth	3.0m
Site description	<i>Zostera marina</i> (Abundant) on sand with an anoxic layer below the surface. Very species poor.

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	A
<i>Lanice Conchilega</i> (Pallas)	F
<i>Taurulus bubalis</i> (Euphrasen)	P
<i>Gobius niger</i> (Linnaeus)	P
<i>Ulva lactuca</i> (Linnaeus)	F

Location	Kenmare River, Gleesk
Grid Reference	66178 62403
Date	29-6-2009
Depth	6.0m
Site description	Maërl. 100 percent cover of 80% dead and 20% living maërl.

Species	Abundance (DAFOR)
Maërl sp.	A
<i>Pisidia longicornis</i> (Linnaeus)	A
<i>Marthasterias glacialis</i> (Linnaeus)	F
<i>Necora puber</i> (Linnaeus)	O
<i>Cereus pedunculatus</i> (Pennant)	O
<i>Carcinus maenas</i> (Linnaeus)	O

Location	Kenmare River, Rossdohan
Grid Reference	71905 63282
Date	29-6-2009
Depth	4.0m
Site description	<i>Zostera marina</i> (Frequent) on mud covered with an algal mat.

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	F
<i>Anemonia viridis</i> (Forsk.)	R
<i>Marthasterias glacialis</i> (Linnaeus)	O
<i>Pagurus bernhardus</i> (Linnaeus)	O
<i>Necora puber</i> (Linnaeus)	O
<i>Philine aperta</i> (Linnaeus)	F
<i>Ulva latuca</i> (Linnaeus)	F

Location	Kenmare River, Coongar Harbour
Grid Reference	74106 64777
Date	29-6-2009
Depth	4.5m
Site description	<i>Zostera marina</i> (Frequent) on sand with broken shell

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	F
<i>Anemonia viridis</i> (Forsk.)	O
<i>Marthasterias glacialis</i> (Linnaeus)	R
<i>Pagurus bernhardus</i> (Linnaeus)	R
<i>Cereus pedunculatus</i> (Pennant)	R
<i>Callionymus lyra</i> (Linnaeus)	O
<i>Ulva latuca</i> (Linnaeus)	O

Location	Kenmare River, Dromore.
Grid Reference	83403 68679
Date	29-6-2009
Depth	5.0m
Site description	<i>Zostera marina</i> (Frequent) on living and dead Maërl approximately 5cm deep

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	F
Maërl sp.	A
<i>Marthasterias glacialis</i> (Linnaeus)	O
<i>Pagurus bernhardus</i> (Linnaeus)	O
<i>Leptasterias muelleri</i> (Sars)	R
<i>Pomatoceros lamarcki</i> (Quatrefages)	F
<i>Necora puber</i> (Linnaeus)	O

Appendix III Species Lists / Community characterisation dives Tralee Bay and Maharees Peninsula West to Cloghane SAC

Location	Tralee Bay, Scraggane Pier.
Grid Reference	61540 119363
Date	03-07-09
Depth	3.8m
Site description	<i>Zostera marina</i> (Abundant) on sand. Juvenile fish species abundant.

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	A
<i>Anemonia viridis</i> (Forsk.)	F
<i>Marthasterias glacialis</i> (Linnaeus)	O
<i>Haliclystus auricula</i> (Rathke)	O
<i>Pagurus bernhardus</i> (Linnaeus)	O
<i>Hinia reticulata</i> (Linnaeus)	F
<i>Pomatoschistus minutus</i> (Pallas)	F
<i>Chaetopterus variopedatus</i> (Renier)	R
<i>Gibbula cineraria</i> (Linnaeus)	O
<i>Solea solea</i> (Linnaeus) Juvenile	O
<i>Spinachia spinachia</i> (Linnaeus)	P

Location	Tralee Bay
Grid Reference	63388 118025
Date	03-07-09
Depth	3.8m
Site description	<i>Zostera marina</i> (Frequent) patchy on shelly sand

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	F
<i>Anemonia viridis</i> (Forsk.)	F
<i>Sabella pavonina</i> (Savigny)	O
<i>Limanda limanda</i> (Linnaeus)	O
<i>Pomatoschistus minutus</i> (Pallas)	F
<i>Pagurus bernhardus</i> (Linnaeus)	R
<i>Hinia reticulata</i> (Linnaeus)	O

Location	Tralee Bay, West of Castlegregory
Grid Reference	63620 114602
Date	03-07-09
Depth	3.8m
Site description	<i>Zostera marina</i> (Rare) on mud with shell and macro algae.

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	R
<i>Anemonia viridis</i> (Forsk.)	F
<i>Ostrea edulis</i> (Linnaeus)	A
<i>Pecten maximus</i> (Linnaeus)	R
<i>Maja squinado</i> (Herbst)	R
<i>Ulva lactuca</i> (Linnaeus)	O
<i>Pagurus bernhardus</i> (Linnaeus)	F

Location	Tralee Bay, West of Castlegregory
Grid Reference	62504 115840
Date	03-07-09
Depth	3.2m
Site description	<i>Zostera marina</i> (Frequent) on sand with broken shell

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	F
<i>Anemonia viridis</i> (Forsk.)	F
<i>Ostrea edulis</i> (Linnaeus)	A
<i>Pecten maximus</i> (Linnaeus)	R
<i>Maja squinado</i> (Herbst)	R
<i>Pagurus bernhardus</i> (Linnaeus)	F
<i>Pagurus pubescens</i> (Krøyer)	O
<i>Calliactis parasitica</i> (Couch)	F

Appendix IV Summary of survey data

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T1	79543	66391	79650	66553	<i>Virgularia mirabilis</i> Occasional	<i>Virgularia mirabilis</i> Occasional		Dive
IE002158_T1.1	79650	66553	End Point	End Point	<i>Virgularia mirabilis</i> Occasional	<i>Virgularia mirabilis</i> Occasional		Dive
IE002158_T2	79270	66258	79382	66381	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T2.1	79382	66381	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T3	78339	64795	78494	64746	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T3.1	78394	64746	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T4	78522	64435	78627	64411	Sand	Other		Dive
IE002158_T4.1	78627	64411	End Point	End Point	Sand	Other		Dive
IE002158_T5	88133	68974	End Point	End Point	Mud	Other		Dive
IE002158_T6	86277	68373	86284	68370	Sand	Other		Dive
IE002158_T6.1	86284	68370	End Point	End Point	Mud	Other		Dive
IE002158_T7	82650	68266	End Point	End Point	<i>Virgularia mirabilis</i> Abundant	<i>Virgularia mirabilis</i> Abundant		Dive
IE002158_T8	81272	68117	End Point	End Point	<i>Virgularia mirabilis</i> Abundant	<i>Virgularia mirabilis</i> Abundant		Dive
IE002158_T9	81266	68118	End Point	End Point	<i>Virgularia mirabilis</i> Abundant	<i>Virgularia mirabilis</i> Abundant		Dive
IE002158_T10	78729	65116	78743	65105	Rock	Other	Bedrock and boulders	Dive
IE002158_T10.1	78743	65105	End Point	End Point	Rock	Other	Bedrock and boulders	Dive
IE002158_T11	78598	64220	78606	64341	Rock	Other	Bedrock and boulders	Dive
IE002158_T11.1	78606	64341	End Point	End Point	Rock	Other	Bedrock and boulders	Dive
IE002158_T12	78052	64281	78036	64300	<i>Virgularia mirabilis</i> Occasional	<i>Virgularia mirabilis</i> Occasional		Dive
IE002158_T12.1	78036	64300	End Point	End Point	Cobbles	Other		Dive
IE002158_T13	66434	62413	66395	62447	Cobbles	Other		Dive
IE002158_T13.1	66395	62447	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead		Dive
IE002158_T14	66102	62370	66261	62350	Maerl Living and Dead	Maerl Living and Dead	40 percent cover of 95 percent dead 5 percent live maerl in bands	Dive
IE002158_T14.1	66261	62350	66305	62356	Maerl Living and Dead	Maerl Living and Dead	50 percent cover of 90 percent dead 10 percent live maerl	Dive
IE002158_T14.2	66305	62356	66427	62400	Maerl Living	Maerl Living	80 percent cover of living maerl	Dive
IE002158_T14.3	66427	62400	End Point	End Point	Rock	Other		Dive
IE002158_T15	66118	62504	66126	62517	Mud	Other		Dive
IE002158_T15.1	66126	62517	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead		Dive
IE002158_T16	66183	62369	66189	62337	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 70 percent living and 30 percent dead maerl	Dive
IE002158_T16.1	66209	62322	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	10 percent cover of dead maerl	Dive
IE002158_T17	66062	62268	End Point	End Point	Maerl Dead	Maerl Dead		Dive
IE002158_T18	66116	62431	End Point	End Point	Kelp	Other		Dive
IE002158_T19	66355	62503	66347	62580	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 80 percent dead 20 percent living maerl	Dive
IE002158_T19.1	66347	62580	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	50 percent cover of 20 percent live and 80 percent dead maerl	Dive
IE002158_T20	66475	62581	End Point	End Point	Other	Other		Dive
IE002158_T21	66527	62586	66540	62612	Maerl Living and Dead	Maerl Living and Dead	Boundary of maerl with kelp	Dive
IE002158_T21.1	66540	62612	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 5 percent living 95 percent dead maerl	Dive
IE002158_T22	66625	62633	66618	62661	Kelp	Other		Dive
IE002158_T22.1	66618	62661	End Point	End Point	Kelp	Other	With broken shell	Dive
IE002158_T23	65613	62643	End Point	End Point	Sand	Other		Dive
IE002158_T24	68994	63920	68918	63999	Kelp	Other		Scope
IE002158_T24.1	68918	63999	68961	64027	Macroalgae	Other		Scope
IE002158_T24.2	68961	64027	68991	64037	Sand	Other		Scope
IE002158_T24.3	68991	64037	68996	63972	Broken Shell	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T24.4	68996	63972	69054	63916	Broken Shell	Other		Scope
IE002158_T24.5	69054	63916	69121	63840	Broken Shell	Other		Scope
IE002158_T24.6	69121	63840	69263	63824	Broken Shell	Other		Scope
IE002158_T24.7	69263	63824	69315	63857	Broken Shell	Other		Scope
IE002158_T24.8	69315	63857	End Point	End Point	Broken Shell	Other		Scope
IE002158_T25	91299	69994	91243	70037	Sand	Other	With broken shell	Scope
IE002158_T25.1	91243	70037	91216	70071	Sand	Other	With broken shell	Scope
IE002158_T25.2	91216	70071	91185	70084	Sand	Other		Scope
IE002158_T25.3	91185	70084	91162	70068	Muddy Sand	Other		Scope
IE002158_T25.4	91162	70068	91157	70049	Mud	Other		Scope
IE002158_T25.5	91157	70049	91158	70021	Mud	Other		Scope
IE002158_T25.6	91158	70021	91192	69968	Mud	Other		Scope
IE002158_T25.7	91192	69968	End Point	End Point	Mud	Other		Scope
IE002158_T26	91025	69838	91041	69817	Sand	Other		Scope
IE002158_T26.1	91041	69817	End Point	End Point	Mud	Other	With cobble	Scope
IE002158_T27	91057	69908	End Point	End Point	Muddy Sand	Other		Scope
IE002158_T27.1	90773	69847	90724	69881	Sand	Other		Scope
IE002158_T27.2	90724	69881	90716	69919	Sand	Other	With broken shell	Scope
IE002158_T27.3	90716	69919	90716	69951	Sand	Other	With broken shell	Scope
IE002158_T27.4	90716	69951	90684	69980	Mud	Other		Scope
IE002158_T27.5	90684	69980	90644	69985	Mud	Other		Scope
IE002158_T27.6	90644	69985	90578	70009	Sand	Other		Scope
IE002158_T27.7	90578	70009	90577	70026	Muddy Sand	Other	With broken shell	Scope
IE002158_T27.8	90577	70026	90571	70044	Muddy Sand	Other	With broken shell	Scope
IE002158_T27.9	90571	70044	90549	70069	Muddy Sand	Other		Scope
IE002158_T27.10	90549	70069	90503	70094	Mud	Other		Scope
IE002158_T27.11	90503	70094	90454	70089	Mud	Other		Scope
IE002158_T27.12	90454	70089	90373	70034	Mud	Other		Scope
IE002158_T27.13	90373	70034	90274	69991	Mud	Other		Scope
IE002158_T27.14	90274	69991	90130	69889	Mud	Other		Scope
IE002158_T27.15	90130	69889	90104	69875	Mud	Other		Scope
IE002158_T27.16	90104	69875	89879	69657	Sand	Other		Scope
IE002158_T27.17	89879	69657	89821	69594	Sand	Other		Scope
IE002158_T27.18	89821	69594	89765	69499	Sand	Other		Scope
IE002158_T27.19	89765	69499	89636	69350	Sand	Other		Scope
IE002158_T27.20	89636	69350	89589	69354	Mud	Other	With flocculent macroalgae	Scope
IE002158_T27.21	89589	69354	End Point	End Point	Mud	Other		Scope
IE002158_T28	89475	69309	89381	69249	Mud	Other		Scope
IE002158_T28.1	89381	69249	89364	69231	Mud	Other	Anoxic mud	Scope
IE002158_T28.2	89364	69231	End Point	End Point	Mud	Other		Scope
IE002158_T29	89149	69366	89117	69363	Mud	Other		Scope
IE002158_T29.1	89117	69363	89064	69334	Mud	Other		Scope
IE002158_T29.2	89064	69334	89008	69300	Mud	Other		Scope
IE002158_T29.3	89008	69300	88975	69282	Mud	Other		Scope
IE002158_T29.4	88975	69282	88904	69239	Mud	Other		Scope
IE002158_T29.5	88904	69239	88849	69212	Kelp	Other		Scope
IE002158_T29.6	88849	69212	88841	69208	Mud	Other		Scope

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IE002158_T29.7	88841	69208	End Point	End Point	Mud	Other		Scope
IE002158_T30	88819	69201	End Point	End Point	Mud	Other		Dive
IE002158_T31	88025	69011	87989	69002	Mud	Other		Dive
IE002158_T31.1	87989	69002	End Point	End Point	Mud	Other	With oyster shell and kelp	Dive
IE002158_T32	87640	68849	End Point	End Point	Mud	Other	With shell	Dive
IE002158_T33	87424	68726	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T34	87826	68884	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T35	88061	68831	88177	68861	<i>Virgularia mirabilis</i> Rare	<i>Virgularia mirabilis</i> Rare		Dive
IE002158_T35.1	88177	68861	End Point	End Point	<i>Virgularia mirabilis</i> Rare	<i>Virgularia mirabilis</i> Rare		Dive
IE002158_T36	88491	68988	88562	69038	Mud	Other	With <i>Philine aperta</i> occasional	Dive
IE002158_T36.1	88562	69038	End Point	End Point	Mud	Other		Dive
IE002158_T37	88037	69247	88014	69192	Mud	Other		Dive
IE002158_T37.1	88014	69192	End Point	End Point	Mud	Other		Dive
IE002158_T38	88033	68525	88036	68587	Mud	Other		Dive
IE002158_T38.1	88036	68587	End Point	End Point	Mud	Other		Dive
IE002158_T39	87704	68375	87696	68220	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T39.1	87696	68220	End Point	End Point	Mud	Other		Dive
IE002158_T40	85888	67631	85894	67584	<i>Virgularia mirabilis</i> Occasional	<i>Virgularia mirabilis</i> Occasional		Dive
IE002158_T40.1	85894	67584	End Point	End Point	Mud	Other		Dive
IE002158_T41	85027	67054	85015	67031	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T41.1	85015	67031	End Point	End Point	Mud	Other	With flocculent macroalgae	Dive
IE002158_T42	83971	66893	83906	66973	Mud	Other		Dive
IE002158_T42.1	83906	66973	End Point	End Point	Mud	Other	With dead <i>Zostera marina</i>	Dive
IE002158_T43	84156	67470	84140	67462	<i>Virgularia mirabilis</i> Rare	<i>Virgularia mirabilis</i> Rare		Dive
IE002158_T43.1	84140	67462	End Point	End Point	Rock	Other		Dive
IE002158_T44	83199	66949	83163	67014	Rock	Other	With kelp	Dive
IE002158_T44.1	83163	67014	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T45	82269	66683	82244	66700	Mud	Other	With flocculent macroalgae	Dive
IE002158_T45.1	82244	66700	End Point	End Point	<i>Virgularia mirabilis</i> Rare	<i>Virgularia mirabilis</i> Rare		Dive
IE002158_T46	81299	66477	End Point	End Point	<i>Virgularia mirabilis</i> Rare	<i>Virgularia mirabilis</i> Rare		Dive
IE002158_T47	80402	66014	80372	66021	Rock	Other	Boundary	Dive
IE002158_T47.1	80372	66021	End Point	End Point	<i>Virgularia mirabilis</i> Occasional	<i>Virgularia mirabilis</i> Occasional		Dive
IE002158_T48	79773	65492	79761	65516	Rock	Other		Dive
IE002158_T48.1	79761	65516	End Point	End Point	<i>Virgularia mirabilis</i> Abundant	<i>Virgularia mirabilis</i> Abundant		Dive
IE002158_T49	77474	63523	77396	63599	Rock	Other	With rocky outcrops	Dive
IE002158_T49.1	77396	63599	End Point	End Point	Sand	Other		Dive
IE002158_T50	76585	65031	End Point	End Point	Sand	Other		Dive
IE002158_T51	77239	66175	77274	66184	Rock	Other		Dive
IE002158_T51.1	77274	66184	End Point	End Point	Sand	Other		Dive
IE002158_T52	78216	66857	78292	66837	Rock	Other		Dive
IE002158_T52.1	78292	66837	End Point	End Point	<i>Virgularia mirabilis</i> Abundant and <i>Pachycerianthus multiplicatus</i> Rare	<i>Virgularia mirabilis</i> Abundant and <i>Pachycerianthus multiplicatus</i> Rare		Dive
IE002158_T53	79293	67266	79296	67249	<i>Pachycerianthus multiplicatus</i> Rare	<i>Pachycerianthus multiplicatus</i> Rare		Dive
IE002158_T53.1	79296	67249	End Point	End Point	Rock	Other		Dive
IE002158_T54	80283	67684	80287	67687	Rock	Other		Dive
IE002158_T54.1	80287	67687	End Point	End Point	<i>Virgularia mirabilis</i> Occasional and <i>Pachycerianthus multiplicatus</i> Rare	<i>Virgularia mirabilis</i> Occasional and <i>Pachycerianthus multiplicatus</i> Rare		Dive
IE002158_T55	66002	62295	66091	62357	Mud	Other		Dive

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IE002158_T55.1	66091	62357	End Point	End Point	Maerl Dead	Maerl Dead	5 percent cover of dead maerl	Dive
IE002158_T56	66009	62460	End Point	62471	Kelp	Other	100 percent cover of 80 percent dead 20 percent living maerl	Dive
IE002158_T56.1	66083	62471	End Point	62471	Maerl Living and Dead	Maerl Living and Dead	With kelp and broken shell	Dive
IE002158_T57	66083	62471	End Point	58275	Gravel	Other		Dive
IE002158_T57.1	71715	58336	End Point	58275	Gravel	Other		Dive
IE002158_T58	71781	58275	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 20 percent living an 80 percent dead maerl	Dive
IE002158_T59	71835	58129	End Point	End Point	Maerl Living and Dead	Maerl Living	(<i>Lithophyllum dentatum</i>) 70 percent cover of living maerl	Dive
IE002158_T60	71930	58212	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	(<i>Lithophyllum dentatum</i>) 100 percent cover of 80 percent dead 20 percent living maerl	Dive
IE002158_T61	72025	58211	End Point	58264	Sand	Other		Dive
IE002158_T61.1	72001	58264	End Point	58264	Sand	Other		Dive
IE002158_T62	71729	58126	End Point	58168	Maerl Living	Maerl Living	With flocculent macroalgae	Dive
IE002158_T62.1	71785	58168	End Point	End Point	Maerl Dead	Maerl Dead	Start of <i>Lithophyllum dentatum</i> 40 percent cover of living maerl	Dive
IE002158_T63	71739	58329	End Point	58188	Mud	Other		Dive
IE002158_T63.1	71692	58188	End Point	End Point	Maerl Living and dead	Maerl Living and dead	50 percent cover of 50 percent live and 50 percent dead maerl	Dive
IE002158_T64	71817	58186	End Point	58187	Maerl Living	Maerl Living	(<i>Lithophyllum dentatum</i>) 100 percent cover living maerl	Dive
IE002158_T64.1	71748	58187	End Point	End Point	Mud	Other		Dive
IE002158_T65	71650	57991	End Point	End Point	Maerl Living	Maerl Living	70 percent cover of living maerl	Dive
IE002158_T66	71809	57890	End Point	57886	Maerl Dead	Maerl Dead	10 percent cover of dead maerl. Boundary with <i>Lithophyllum dentatum</i>	Dive
IE002158_T66.1	71840	57886	End Point	End Point	Maerl Living	Maerl Living	(<i>Lithophyllum dentatum</i>) 40 percent cover of living maerl	Dive
IE002158_T67	72188	57893	End Point	57877	Sand	Other		Dive
IE002158_T67.1	72132	57877	End Point	End Point	Sand	Other		Dive
IE002158_T68	71977	57866	End Point	57904	Maerl Living	Maerl Living	(<i>Lithophyllum dentatum</i>) 10 percent cover of living maerl	Dive
IE002158_T68.1	71954	57904	End Point	End Point	Sand	Other		Dive
IE002158_T69	71952	57724	End Point	57711	Maerl Living	Maerl Living	<i>Lithophyllum dentatum</i> 100 percent cover of living maerl	Dive
IE002158_T69.1	71901	57711	End Point	End Point	Sand	Other		Dive
IE002158_T70	69334	62740	End Point	End Point	Kelp	Other		Video
IE002158_T71	69476	63132	End Point	End Point	Mud	Other		Video
IE002158_T72	69382	62789	End Point	End Point	Mud	Other	With <i>Ceriantinus lloydii</i>	Video
IE002158_T73	69280	62580	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	<15 percent thin covering of 20 percent living and 80 percent dead maerl on mud	Video
IE002158_T74	69110	62466	End Point	End Point	Mud	Other		Video
IE002158_T75	68949	62250	End Point	End Point	Broken Shell	Other		Video
IE002158_T76	68771	62226	End Point	End Point	Mud	Other	With broken shell and gravel	Video
IE002158_T77	68888	62024	End Point	End Point	Kelp	Other		Video
IE002158_T78	68967	61823	End Point	End Point	Rock	Other	With boulders and kelp	Video
IE002158_T79	69094	62016	End Point	End Point	Mud	Other		Video
IE002158_T80	69609	63094	End Point	End Point	Mud	Other		Video
IE002158_T81	69258	62411	End Point	End Point	Maerl Living and dead	Maerl Living and dead	20 percent thin cover on mud of 70 percent live and 30 percent dead maerl	Video
IE002158_T82	69115	62271	End Point	End Point	Maerl Living and dead	Maerl Living and dead	20 percent thin cover of 60 percent dead and 40 percent living maerl	Video
IE002158_T83	68977	62392	End Point	End Point	Mud	Other	Mud with <i>Amphibura sp.</i> abundant	Video
IE002158_T84	68925	62529	End Point	End Point	Mud	Other	With broken shell	Video
IE002158_T85	69046	62611	End Point	End Point	Mud	Other	Mud with <i>Amphibura sp.</i> abundant	Video
IE002158_T86	69079	62419	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	10 percent cover of 50 percent living and 50 percent dead maerl	Video

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IE002158_T87	69216	62467	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	50 percent thin cover of 50 percent live and 50 percent dead maerl	Video
IE002158_T88	69174	62637	End Point	End Point	Mud	Other	<5 percent cover of 50 percent living and 50 percent dead maerl	Video
IE002158_T89	70416	63486	End Point	63554	Maerl Dead	Maerl Dead	20 percent cover of dead maerl with mud and macroalgae	Dive
IE002158_T89.1	70391	63554	End Point	63686	Maerl Dead	Maerl Dead	5-10 percent cover of dead maerl with mud and macroalgae	Dive
IE002158_T90	70418	63655	End Point	70423	Maerl Dead	Maerl Dead	Less than 5 percent thin cover of dead maerl fragments	Dive
IE002158_T90.1	70423	63686	End Point	63695	Macroalgae	Other		Dive
IE002158_T91	70644	63625	End Point	70644	Macroalgae	Other		Dive
IE002158_T91.1	70644	63695	End Point	70644	Maerl Dead	Maerl Dead		Dive
IE002158_T92	70866	63687	End Point	70838	Kelp	Other	<5 percent cover with fragments of dead maerl	Dive
IE002158_T92.1	70838	63753	End Point	70838	Maerl Living and Dead	Maerl Living and Dead		Dive
IE002158_T93	51467	58837	End Point	51427	Maerl Living and Dead	Maerl Living and Dead	<10 percent cover of 50 percent living and 50 percent dead maerl	Dive
IE002158_T93.1	51427	58837	End Point	58837	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002158_T93.2	51411	58836	End Point	51411	Sand	Other		Scope
IE002158_T93.3	51386	58823	End Point	51386	Sand	Other		Scope
IE002158_T93.4	51358	58808	End Point	51358	Sand	Other		Scope
IE002158_T93.5	51358	58808	End Point	51358	Kelp	Other		Scope
IE002158_T93.6	51394	58822	End Point	51394	Kelp	Other		Scope
IE002158_T93.7	51399	58857	End Point	51399	Sand	Other		Scope
IE002158_T93.8	51384	58896	End Point	51384	Sand	Other	Coarse sand	Scope
IE002158_T93.9	51338	58988	End Point	51338	Sand	Other		Scope
IE002158_T93.10	51321	58975	End Point	51321	Sand	Other		Scope
IE002158_T93.11	51300	58960	End Point	51300	Sand	Other		Scope
IE002158_T93.12	51284	58949	End Point	51284	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002158_T93.13	51260	58932	End Point	51260	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With <i>Sargassum muticum</i>	Scope
IE002158_T93.14	51244	58918	End Point	51244	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002158_T93.15	51222	58894	End Point	51222	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002158_T93.16	51211	58883	End Point	51211	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T93.17	51197	58871	End Point	51197	Sand	Other		Scope
IE002158_T94	51197	58871	End Point	58871	Rock	Other		Scope
IE002158_T94.1	51218	58844	End Point	51218	Sand	Other	With shell	Scope
IE002158_T94.2	51243	58836	End Point	51243	Kelp	Other		Scope
IE002158_T94.3	51244	58863	End Point	51243	Kelp	Other		Scope
IE002158_T94.4	51243	58887	End Point	51243	Kelp	Other		Scope
IE002158_T94.5	51243	58887	End Point	51247	Sand	Other		Scope
IE002158_T94.6	51247	58924	End Point	51258	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002158_T94.7	51258	58953	End Point	51274	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T94.8	51274	58954	End Point	51286	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.9	51286	58941	End Point	51298	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.10	51298	58915	End Point	51306	Sand	Other		Scope
IE002158_T94.11	51306	58904	End Point	51311	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002158_T94.12	51311	58912	End Point	51313	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.13	51313	58926	End Point	51318	Sand	Other		Scope
IE002158_T94.14	51313	58942	End Point	51327	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.15	51327	58975	End Point	51334	Sand	Other		Scope
IE002158_T94.16	51334	58991	End Point	51359	Sand	Other		Scope
IE002158_T94.17	51359	59009	End Point	51383	Sand	Other		Scope
IE002158_T94.18	51445	59072	End Point	51445	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With broken shell	Scope
IE002158_T94.19	51464	59089	End Point	51513	Sand	Other		Scope

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IE002158_T94.19	51513	59085	51538	59067	Sand	Other		Scope
IE002158_T94.20	51538	59067	51539	59025	Sand	Other		Scope
IE002158_T94.21	51539	59025	51537	58998	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.22	51537	58998	51540	58987	Sand	Other		Scope
IE002158_T94.23	51540	58987	51552	58995	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002158_T94.24	51552	58995	51541	59000	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002158_T94.25	51541	59000	51501	59018	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.26	51501	59018	51483	59026	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T94.27	51483	59026	51462	59041	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002158_T94.28	51462	59041	51453	59047	Sand	Other		Scope
IE002158_T94.29	51453	59047	51416	59016	Sand	Other		Scope
IE002158_T94.30	51416	59016	51439	58982	Sand	Other		Scope
IE002158_T94.31	51439	58982	51463	58964	Sand	Other		Scope
IE002158_T94.32	51463	58964	51482	58951	Sand	Other		Scope
IE002158_T94.33	51482	58951	51496	58941	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002158_T94.34	51496	58941	51514	58929	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T94.35	51514	58929	51530	58916	Sand	Other		Scope
IE002158_T94.36	51530	58916	51549	58904	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T94.37	51549	58904	51565	58892	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.38	51565	58892	51596	58870	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T94.39	51596	58870	51610	58860	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T94.40	51610	58860	51634	58843	Sand	Other		Scope
IE002158_T94.41	51634	58843	51656	58826	Sand	Other		Scope
IE002158_T94.42	51656	58826	51693	58800	Sand	Other		Scope
IE002158_T94.43	51693	58800	51736	58762	Sand	Other		Scope
IE002158_T94.44	51736	58762	51780	58718	Sand	Other		Scope
IE002158_T94.45	51780	58718	51801	58695	Macroalgae	Other		Scope
IE002158_T94.46	51801	58695	51842	58665	Sand	Other		Scope
IE002158_T94.47	51842	58665	51874	58642	Sand	Other		Scope
IE002158_T94.48	51874	58642	51909	58615	Mud	Other		Scope
IE002158_T94.49	51909	58615	51919	58610	Mud	Other		Scope
IE002158_T94.50	51919	58610	51919	58623	Sandy Mud	Other		Scope
IE002158_T94.51	51919	58623	51903	58642	Sandy Mud	Other		Scope
IE002158_T94.52	51903	58642	51854	58689	Sandy Mud	Other		Scope
IE002158_T94.53	51854	58689	51827	58715	Sandy Mud	Other		Scope
IE002158_T94.54	51827	58715	51811	58743	Sandy Mud	Other		Scope
IE002158_T94.55	51811	58743	51807	58759	Sand	Other		Scope
IE002158_T94.56	51807	58759	51805	58813	Sand	Other		Scope
IE002158_T94.57	51805	58813	51801	58839	Muddy Sand	Other		Scope
IE002158_T94.58	51801	58839	51774	58878	Sandy Mud	Other		Scope
IE002158_T94.59	51774	58878	51730	58916	Sandy Mud	Other		Scope
IE002158_T94.60	51730	58916	51728	58929	Sandy Mud	Other		Scope
IE002158_T94.61	51728	58929	51765	58954	Sandy Mud	Other		Scope
IE002158_T94.62	51765	58954	51808	58964	Sandy Mud	Other		Scope
IE002158_T94.63	51808	58964	51821	58959	Sand	Other		Scope
IE002158_T94.64	51821	58959	51813	58951	Sand	Other		Scope
IE002158_T94.65	51813	58951	51801	58956	Macroalgae	Other		Scope

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IE002158_T94.66	51801	58956	51766	58956	Sandy Mud	Other		Scope
IE002158_T94.67	51766	58956	51724	58956	Sandy Mud	Other		Scope
IE002158_T94.68	51724	58950	51711	58946	Sandy Mud	Other		Scope
IE002158_T94.69	51711	58946	51697	58943	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002158_T94.70	51697	58943	51677	58937	Sand	Other		Scope
IE002158_T94.71	51677	58937	51665	58935	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T94.72	51665	58935	51647	58935	Sand	Other		Scope
IE002158_T94.73	51647	58935	51627	58933	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002158_T94.74	51627	58935	51610	58933	Sand	Other		Scope
IE002158_T94.75	51610	58933	51596	58937	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T94.76	51596	58937	51584	58941	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.77	51584	58941	51575	58949	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.78	51575	58949	51582	58963	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.79	51582	58963	51587	58970	Macroalgae	Other		Scope
IE002158_T94.80	51587	58970	51594	58979	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.81	51594	58979	51607	58986	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.82	51607	58986	51610	58972	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.83	51610	58972	51611	58961	Sand	Other		Scope
IE002158_T94.84	51611	58961	51609	58937	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.85	51609	58937	51611	58925	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.86	51611	58925	51624	58920	Sand	Other		Scope
IE002158_T94.87	51624	58920	51642	58936	Sand	Other		Scope
IE002158_T94.88	51642	58936	51637	58943	Sand	Other		Scope
IE002158_T94.89	51637	58943	51607	58945	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.90	51607	58945	51586	58939	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.91	51586	58939	51575	58936	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.92	51575	58936	51550	58929	Sand	Other		Scope
IE002158_T94.93	51550	58929	51518	58921	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.94	51518	58921	51510	58919	Sand	Other		Scope
IE002158_T94.95	51510	58919	51500	58916	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002158_T94.96	51500	58916	51479	58909	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.97	51479	58909	51449	58897	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.98	51449	58897	51432	58888	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.99	51432	58888	51410	58876	Sand	Other		Scope
IE002158_T94.100	51410	58876	51390	58871	Sand	Other		Scope
IE002158_T94.101	51390	58871	51392	58889	Kelp	Other		Scope
IE002158_T94.102	51392	58889	51406	58916	Sand	Other		Scope
IE002158_T94.103	51406	58916	51423	58936	Sand	Other		Scope
IE002158_T94.104	51423	58936	51445	58950	Sand	Other		Scope
IE002158_T94.105	51445	58950	51458	58957	Sand	Other		Scope
IE002158_T94.106	51458	58957	51487	58972	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.107	51487	58972	51505	58947	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.108	51505	58947	51484	58899	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.109	51484	58899	51475	58881	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.110	51475	58881	51467	58863	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T94.111	51467	58863	51452	58839	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002158_T94.112	51452	58839	51446	58819	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T94.113	51446	58819	51445	58810	Sand	Other		Scope
IE002158_T94.114	51445	58810	51462	58790	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.115	51462	58790	51494	58782	Sand	Other		Scope
IE002158_T94.116	51494	58782	51527	58766	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T94.117	51527	58766	51559	58739	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T94.118	51559	58739	51578	58729	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T94.119	51578	58729	51591	58714	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T94.120	51591	58714	51609	58697	Sand	Other		Scope
IE002158_T94.121	51609	58697	51635	58664	Sandy Mud	Other		Scope
IE002158_T94.122	51635	58664	51671	58642	Sandy Mud	Other		Scope
IE002158_T94.123	51671	58642	51706	58615	Sandy Mud	Other		Scope
IE002158_T94.124	51706	58615	51746	58578	Sandy Mud	Other		Scope
IE002158_T94.125	51746	58578	51752	58532	Sandy Mud	Other		Scope
IE002158_T94.126	51752	58532	51781	58498	Muddy Sand	Other		Scope
IE002158_T94.127	51781	58498	51797	58525	Sandy Mud	Other		Scope
IE002158_T94.128	51797	58525	51808	58576	Sandy Mud	Other		Scope
IE002158_T94.129	51808	58576	51802	58600	Sandy Mud	Other		Scope
IE002158_T94.130	51802	58600	51768	58647	Sandy Mud	Other		Scope
IE002158_T94.131	51768	58647	51736	58683	Sandy Mud	Other		Scope
IE002158_T94.132	51736	58683	51629	58793	Sandy Mud	Other	With dead macroalgae	Scope
IE002158_T94.133	51629	58793	51604	58806	Sandy Mud	Other		Scope
IE002158_T94.134	51604	58806	End Point	End Point	Sandy Mud	Other		Scope
IE002158_T95	53646	56679	End Point	End Point	Sand	Other		Scope
IE002158_T96	53612	56636	End Point	End Point	Broken Shell	Other	Duned broken shell	Video
IE002158_T97	51246	40942	End Point	End Point	Sand	Other	Duned sand	Video
IE002158_T98	51309	40647	End Point	End Point	Sand	Other	With shell	Video
IE002158_T99	51103	40737	End Point	End Point	Broken Shell	Other		Video
IE002158_T100	51266	41201	End Point	End Point	Sand	Other	With shell	Video
IE002158_T101	64672	53023	64654	53035	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T101.1	64654	53035	64635	53034	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T101.2	64635	53034	64619	52996	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T101.3	64619	52996	64627	52987	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T101.4	64627	52987	64629	52979	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T101.5	64629	52979	64617	52969	Sand	Other		Scope
IE002158_T101.6	64617	52969	64621	52948	Kelp	Other		Scope
IE002158_T101.7	64621	52948	64638	52943	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T101.8	64638	52943	64665	52961	Sand	Other		Scope
IE002158_T101.9	64665	52961	64667	52998	Sand	Other		Scope
IE002158_T101.10	64667	52998	64664	53019	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T101.11	64664	53019	64660	53034	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T101.12	64660	53034	64654	53045	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T101.13	64654	53045	64643	53062	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T101.14	64643	53062	64644	53077	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T101.15	64644	53077	64660	53076	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T101.16	64676	53060	64660	53060	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T101.17	64676	53060	64699	53038	Sand	Other		Scope
IE002158_T101.18	64699	53038	64706	53030	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T101.19	64706	53030	64716	53009	Sand	Other		Scope
IE002158_T101.20	64716	53009	64718	52993	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T101.21	64718	52993	64726	52976	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T101.22	64726	52976	64745	52975	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T101.23	64745	52975	64756	52979	Sand	Other		Scope
IE002158_T101.24	64756	52979	64767	53005	Sand	Other		Scope
IE002158_T101.25	64767	53005	64768	53054	Sand	Other		Scope
IE002158_T101.26	64768	53054	64770	53089	Sand	Other		Scope
IE002158_T101.27	64770	53089	64756	53132	Sand	Other		Scope
IE002158_T101.28	64756	53132	64741	53154	Sand	Other		Scope
IE002158_T101.29	64741	53154	64734	53169	Sand	Other		Scope
IE002158_T101.30	64734	53169	64713	53176	Mud	Other		Scope
IE002158_T101.31	64713	53176	64701	53157	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T101.32	64701	53157	64692	53139	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T101.33	64692	53139	64686	53098	Sand	Other		Scope
IE002158_T101.34	64686	53098	64686	53060	Sand	Other		Scope
IE002158_T101.35	64686	53060	64689	53029	Sand	Other		Scope
IE002158_T101.36	64689	53029	64692	53011	Sand	Other		Scope
IE002158_T101.37	64692	53011	64690	52980	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T101.38	64690	52980	64685	52954	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T101.39	64685	52954	64679	52956	Kelp	Other		Scope
IE002158_T101.40	64679	52956	End Point	End Point	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T102	64820	53178	64816	53178	Macroalgae	Other		Scope
IE002158_T102.1	64816	53178	64825	53183	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T102.2	64825	53183	64843	53182	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T102.3	64843	53182	64857	53183	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T102.4	64857	53183	64873	53192	Sand	Other		Scope
IE002158_T102.5	64873	53192	64885	53199	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T102.6	64885	53199	64890	53188	Sandy Mud	Other		Scope
IE002158_T102.7	64890	53188	64888	53181	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T102.8	64888	53181	64881	53166	Sand	Other		Scope
IE002158_T102.9	64881	53166	64880	53152	Sand	Other		Scope
IE002158_T102.10	64880	53152	64894	53142	Sand	Other		Scope
IE002158_T102.11	64894	53142	64921	53165	Sand	Other		Scope
IE002158_T102.12	64921	53165	64927	53170	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T102.13	64927	53170	64939	53173	Kelp	Other		Scope
IE002158_T102.14	64939	53173	64946	53169	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T102.15	64946	53169	64979	53151	Sand	Other		Scope
IE002158_T102.16	64979	53151	64984	53167	Sand	Other		Scope
IE002158_T102.17	64984	53167	64989	53176	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T102.18	64989	53176	65002	53176	Kelp	Other		Scope
IE002158_T102.19	65002	53176	65011	53169	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T102.20	65011	53169	65019	53169	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T102.21	65019	53169	65046	53178	Sand	Other		Scope
IE002158_T102.22	65046	53178	65049	53183	Sand	Other		Scope
IE002158_T102.23	65049	53183	65055	53196	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T102.24	65055	53196	65080	53202	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope

Silted blades of *Zostera marina*

Narrow band of *Zostera marina* next to shore

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T102.25	65080	53202	65101	53198	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T102.26	65101	53198	65128	53187	Sand	Other		Scope
IE002158_T102.27	65128	53187	65146	53182	Sand	Other		Scope
IE002158_T102.28	65146	53182	65161	53192	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T102.29	65161	53192	65172	53225	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T102.30	65172	53225	65174	53235	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T102.31	65174	53235	65193	53242	Kelp	Other		Scope
IE002158_T102.32	65193	53242	65217	53253	Sand	Other		Scope
IE002158_T102.33	65217	53253	65227	53250	Sand	Other		Scope
IE002158_T102.34	65227	53250	65241	53257	Sand	Other		Scope
IE002158_T102.35	65241	53257	65244	53272	Mud	Other		Scope
IE002158_T102.36	65244	53272	65206	53266	Mud	Other		Scope
IE002158_T102.37	65206	53266	65203	53250	Sand	Other		Scope
IE002158_T102.38	65203	53250	65202	53234	Sand	Other		Scope
IE002158_T102.39	65202	53234	65197	53214	Kelp	Other		Scope
IE002158_T102.40	65197	53214	65186	53201	Kelp	Other		Scope
IE002158_T102.41	65186	53201	65174	53199	Kelp	Other		Scope
IE002158_T102.42	65174	53199	65162	53199	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T102.43	65162	53199	65156	53191	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T102.44	65156	53191	65156	53182	Sand	Other		Scope
IE002158_T102.45	65156	53182	65150	53176	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T102.46	65150	53176	65137	53179	Sand	Other		Scope
IE002158_T102.47	65137	53179	65121	53191	Kelp	Other		Scope
IE002158_T102.48	65121	53191	65108	53212	Sand	Other		Scope
IE002158_T102.49	65108	53212	65124	53227	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T102.50	65124	53227	65137	53229	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T102.51	65137	53229	End Point	End Point	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T103	65312	53064	65294	53081	Mud	Other		Scope
IE002158_T103.1	65294	53081	65289	53095	Mud	Other		Scope
IE002158_T103.2	65289	53095	65304	53111	Mud	Other		Scope
IE002158_T103.3	65304	53111	65317	53126	Mud	Other		Scope
IE002158_T103.4	65317	53126	65326	53138	Mud	Other		Scope
IE002158_T103.5	65326	53138	65330	53150	Mud	Other		Scope
IE002158_T103.6	65330	53150	65330	53143	Mud	Other		Scope
IE002158_T103.7	65330	53143	65323	53133	Mud	Other		Scope
IE002158_T103.8	65323	53133	65316	53123	Mud	Other		Scope
IE002158_T103.9	65316	53123	65294	53100	Mud	Other		Scope
IE002158_T103.10	65294	53100	65287	53075	Mud	Other		Scope
IE002158_T103.11	65287	53075	65298	53059	Mud	Other		Scope
IE002158_T103.12	65298	53059	65314	53045	Mud	Other		Scope
IE002158_T103.13	65314	53045	65337	53029	Mud	Other		Scope
IE002158_T103.14	65337	53029	65359	53036	Mud	Other		Scope
IE002158_T103.15	65359	53036	End Point	End Point	Mud	Other		Scope
IE002158_T104	64834	52500	64831	52482	Sand	Other		Scope
IE002158_T104.1	64831	52482	64834	52470	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T104.2	64834	52470	64838	52463	Kelp	Other		Scope
IE002158_T104.3	64838	52463	64834	52450	Zostera marina Frequent	Zostera marina Frequent		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T104.4	64834	52450	64851	52437	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T104.5	64851	52437	64871	52435	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With macroalgae	Scope
IE002158_T104.6	64871	52435	64886	52436	Kelp	Other		Scope
IE002158_T104.7	64886	52436	64898	52434	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T104.8	64898	52434	64903	52427	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T104.9	64903	52427	64910	52411	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T104.10	64910	52411	64919	52400	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T104.11	64919	52400	64927	52402	Kelp	Other		Scope
IE002158_T104.12	64927	52402	64934	52418	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T104.13	64934	52418	64932	52438	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T104.14	64932	52438	64930	52449	Kelp	Other		Scope
IE002158_T104.15	64930	52449	64922	52479	Sand	Other		Scope
IE002158_T104.16	64922	52479	64923	52492	Sand	Other		Scope
IE002158_T104.17	64923	52492	64953	52493	Sand	Other		Scope
IE002158_T104.18	64953	52493	64977	52474	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T104.19	64977	52474	64994	52470	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T104.20	64994	52470	65005	52476	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T104.21	65005	52476	65018	52499	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T104.22	65018	52499	65017	52512	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T104.23	65017	52512	65014	52527	Kelp	Other		Scope
IE002158_T104.24	65014	52527	65008	52546	Kelp	Other		Scope
IE002158_T104.25	65008	52546	65002	52553	Kelp	Other		Scope
IE002158_T104.26	65002	52553	End Point	End Point				Scope
IE002158_T105	65104	52652	65114	52657	Kelp	Other		Scope
IE002158_T105.1	65114	52657	65124	52661	Sand	Other		Scope
IE002158_T105.2	65124	52661	65133	52662	Kelp	Other		Scope
IE002158_T105.3	65133	52662	65141	52658	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T105.4	65141	52658	65149	52654	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T105.5	65149	52654	65166	52655	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T105.6	65166	52655	65181	52663	Kelp	Other	With kelp	Scope
IE002158_T105.7	65181	52663	65189	52673	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T105.8	65189	52673	65197	52694	Kelp	Other		Scope
IE002158_T105.9	65197	52694	65205	52704	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002158_T105.10	65205	52704	65212	52706	Kelp	Other		Scope
IE002158_T105.11	65212	52706	65222	52712	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T105.12	65222	52712	65237	52723	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T105.13	65235	52723	65235	52739	Sand	Other		Scope
IE002158_T105.14	65235	52739	65227	52739	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T105.15	65227	52739	65208	52737	Rock	Other		Scope
IE002158_T105.16	65208	52737	65200	52736	Rock	Other		Scope
IE002158_T105.17	65200	52736	65179	52734	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T105.18	65179	52734	End Point	End Point	Kelp	Other		Scope
IE002158_T106	71598	63772	71504	63784	Sand	Other	Narrow band of Zostera marina next to shore	Dive
IE002158_T106.1	71504	63784	End Point	End Point	Virgularia mirabilis Occasional	Virgularia mirabilis Occasional		Dive
IE002158_T107	71480	63625	71476	63667	Sandy Mud	Other		Dive
IE002158_T107.1	71476	63667	End Point	End Point	Virgularia mirabilis Occasional	Virgularia mirabilis Occasional		Dive
IE002158_T108	71558	63954	71581	63979	Sandy Mud	Other		Dive

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T108.1	71581	63979	71464	63899	Sandy Mud	Other	With flocculent macroalgae	Dive
IE002158_T108.2	71464	63899	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T109	71277	64002	71276	63991	Kelp	Other		Dive
IE002158_T109.1	71276	63991	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T110	71124	63866	71117	63816	Sandy Mud	Other		Dive
IE002158_T110.1	71117	63816	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T111	70908	63671	70894	63671	Mud	Other		Dive
IE002158_T111.1	70894	63671	End Point	End Point	<i>Virgularia mirabilis</i> Occasional	<i>Virgularia mirabilis</i> Occasional		Dive
IE002158_T112	71276	63525	71245	63579	Sand	Other		Dive
IE002158_T112.1	71245	63579	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T113	70956	63543	70977	63469	<i>Virgularia mirabilis</i> Abundant	<i>Virgularia mirabilis</i> Abundant		Dive
IE002158_T113.1	70977	63469	End Point	End Point	Sandy Mud	Other		Dive
IE002158_T114	70618	63046	End Point	End Point	Sand	Other		Dive
IE002158_T115	70657	63044	End Point	End Point	Rock	Other		Dive
IE002158_T116	70864	63232	70848	63274	Sand	Other		Dive
IE002158_T116.1	70848	63274	End Point	End Point	Rock	Other		Dive
IE002158_T117	70838	63463	70818	63443	<i>Virgularia mirabilis</i> Abundant	<i>Virgularia mirabilis</i> Abundant		Dive
IE002158_T117.1	70818	63443	End Point	End Point	Rock	Other		Dive
IE002158_T118	70429	63503	70476	63646	Maerl Dead	Maerl Dead	5 percent cover of dead maerl	Dive
IE002158_T118.1	70476	63646	End Point	End Point	Maerl Living	Maerl Living	40 percent cover of living maerl with macroalgae	Dive
IE002158_T119	70598	63757	70624	63806	Maerl Living and Dead	Maerl Living and Dead	70 percent cover of 80 percent living 20 percent dead maerl	Dive
IE002158_T119.1	70624	63806	End Point	End Point	Rock	Other		Dive
IE002158_T120	70337	63710	70263	63660	Maerl Living and Dead	Maerl Living and Dead	40 percent cover of 70 percent living 30 percent dead maerl	Dive
IE002158_T120.1	70263	63660	End Point	End Point	Maerl Dead	Maerl Dead	Less than 5 percent cover of dead maerl	Dive
IE002158_T121	70744	63721	70886	63779	Maerl Living and Dead	Maerl Living and Dead	Reef with pockets of 40 percent cover of 50 percent living and 50 percent dead maerl	Dive
IE002158_T121.1	70886	63779	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 80 percent dead 20 percent living dense maerl	Dive
IE002158_T122	70266	63097	End Point	End Point	Mud	Other		Dive
IE002158_T123	70583	63274	End Point	End Point	Sand	Other	With broken shell	Dive
IE002158_T124	70824	63417	End Point	End Point	<i>Virgularia mirabilis</i> Abundant	<i>Virgularia mirabilis</i> Abundant		Dive
IE002158_T125	70775	63654	End Point	End Point	Kelp	Other		Dive
IE002158_T126	70816	63735	End Point	End Point	Mud	Other		Dive
IE002158_T127	70753	63891	End Point	End Point	Mud	Other		Dive
IE002158_T128	70525	63771	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	With flocculent macroalgae	Dive
IE002158_T129	70559	63863	End Point	End Point	Rock	Other	60 percent cover of 70 percent living and 30 percent dead	Dive
IE002158_T130	70261	63575	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	60 percent cover of 50 percent live and 50 percent dead maerl	Dive
IE002158_T131	70131	63571	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	30 percent cover of 50 percent living and 50 percent dead maerl	Dive
IE002158_T132	70035	63501	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	20 percent cover of 80 percent dead and 20 percent living maerl	Dive
IE002158_T133	70032	63361	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	50 percent cover of 50 percent live and 50 percent dead maerl (maerl boundary)	Dive
IE002158_T134	70171	63293	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Dive
IE002158_T135	69932	63278	End Point	End Point	Mud	Other		Dive
IE002158_T136	69775	63157	End Point	End Point	Mud	Other		Dive
IE002158_T137	69837	63196	End Point	End Point	Mud	Other	<i>Nephrops norvegicus</i> burrows	Dive
IE002158_T138	69853	62859	End Point	End Point	Mud	Other		Dive
IE002158_T139	70088	62955	End Point	End Point	Mud	Other		Dive
IE002158_T140	71485	57884	71439	57861	Maerl Living	Maerl Living	100 percent living maerl	Dive

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T140.1	71439	57861	71381	57817	Maerl Living	Maerl Living	100 percent cover of living maerl	Dive
IE002158_T140.2	71381	57817	71352	57796	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 80 percent dead 20 percent living maerl	Dive
IE002158_T140.3	71352	57796	71331	57774	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 80 percent dead 20 percent living maerl	Dive
IE002158_T140.4	71331	57774	End Point	End Point	Rock	Other	Reef	Dive
IE002158_T141	71219	57815	71094	57952	Sand	Other		Scope
IE002158_T141.1	71094	57952	71057	57962	Maerl Living and Dead	Maerl Living and Dead	60 percent cover of 40 percent living and 60 percent dead	Scope
IE002158_T141.2	71057	57962	70998	57956	Kelp	Other		Scope
IE002158_T141.3	70998	57956	70998	57947	Kelp	Other		Scope
IE002158_T141.4	70999	57947	70996	57934	Kelp	Other		Scope
IE002158_T141.5	70996	57934	70991	57920	Kelp	Other		Scope
IE002158_T141.6	70991	57920	70976	57901	Kelp	Other		Scope
IE002158_T141.7	70976	57901	70968	57891	Sand	Other	With <i>Sargassum muticum</i>	Scope
IE002158_T141.8	70968	57891	70952	57872	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T141.9	70952	57872	70946	57865	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T141.10	70946	57865	70941	57857	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T141.11	70941	57857	70945	57849	Kelp	Other		Scope
IE002158_T141.12	70945	57849	70965	57847	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With kelp	Scope
IE002158_T141.13	70965	57847	70989	57847	Rock	Other		Scope
IE002158_T141.14	70989	57847	70997	57851	Sand	Other		Scope
IE002158_T141.15	70997	57851	71016	57855	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T141.16	71016	57855	71060	57859	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T141.17	71060	57859	71073	57862	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T141.18	71073	57862	End Point	End Point	Sand	Other		Scope
IE002158_T142	71093	57934	End Point	End Point	<i>Zostera marina</i> Occasional and Maerl Dead	<i>Zostera marina</i> Occasional and Maerl Dead	10 percent cover of dead maerl	Dive
IE002158_T143	71059	57978	End Point	End Point	Maerl Dead	<i>Zostera marina</i> Frequent		Dive
IE002158_T144	71032	57939	71039	57914	Kelp	Other		Dive
IE002158_T144.1	71039	57914	End Point	End Point	Kelp	Other	With <i>Sargassum muticum</i>	Dive
IE002158_T145	71071	57898	End Point	End Point	Sand	Other	With broken shell	Dive
IE002158_T146	71069	57886	71045	57856	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T146.1	71045	57856	71051	57832	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T146.2	71051	57832	71054	57795	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T146.3	71054	57795	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T147	71060	57781	71068	57775	Kelp	Other		Scope
IE002158_T147.1	71068	57775	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T148	71082	57760	71085	57754	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	With macroalgae on sand	Scope
IE002158_T148.1	71085	57754	71077	57723	Kelp	Other		Scope
IE002158_T148.2	71077	57723	71089	57685	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T148.3	71089	57685	71047	57663	Macroalgae	Other	With macroalgae on sand	Scope
IE002158_T148.4	71047	57663	71027	57691	Maerl Dead	Maerl Dead	With macroalgae	Scope
IE002158_T148.5	71027	57691	71017	57669	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T148.6	71017	57669	71011	57653	Kelp	Other		Scope
IE002158_T148.7	71011	57653	71009	57641	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T148.8	71009	57641	71007	57620	Kelp	Other		Scope
IE002158_T148.9	71007	57620	71012	57600	Kelp	Other		Scope
IE002158_T148.10	71012	57600	71023	57573	Kelp	Other		Scope
IE002158_T148.11	71023	57573	End Point	End Point	Macroalgae	Other		Scope
IE002158_T149	71026	57541	End Point	End Point	Mud	Other		Video

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T150	71167	57730	End Point	Northing	Mud	Other	Covered in macroalgae	Video
IE002158_T151	71181	57837	End Point	End Point	Macroalgae	Other		Video
IE002158_T152	71122	57948	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 80 percent living and 20 percent dead maerl	Video
IE002158_T153	71040	58051	End Point	End Point	Kelp	Other		Video
IE002158_T154	71087	58130	End Point	End Point	Maerl Living	Maerl Living	100 percent cover of living maerl covered in algae	Video
IE002158_T155	71056	58271	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	50 percent cover of 80 percent live and 20 percent dead maerl	Video
IE002158_T156	70978	58333	End Point	End Point	Kelp	Other		Video
IE002158_T157	70949	58332	End Point	End Point	Kelp	Other		Video
IE002158_T158	70900	58331	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 30 percent living and 70 percent dead maerl	Video
IE002158_T159	70898	58303	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	60 percent cover of 70 percent living and 30 percent dead maerl covered with macroalgae	Video
IE002158_T160	70771	58283	End Point	End Point	Rock	Other	With kelp on boulders	Video
IE002158_T161	70668	58392	End Point	End Point	Rock	Other	With kelp	Video
IE002158_T162	70861	58309	70811	58358	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 80 percent dead 20 percent living maerl. Boundary.	Dive
IE002158_T162.1	70811	58358	70739	58385	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 30 percent living and 70 percent dead maerl	Dive
IE002158_T162.2	70739	58385	End Point	End Point	Rock	Other	Boundary with reef kelp/weed	Dive
IE002158_T163	70617	58334	End Point	End Point	Broken Shell	Other	Boundary with mussel lines. <0.1% dead maerl fragments	Dive
IE002158_T164	70713	58349	End Point	End Point	Kelp	Other		Dive
IE002158_T165	70853	58239	End Point	End Point	Kelp	Other		Dive
IE002158_T166	70840	58159	End Point	End Point	Mud	Other		Dive
IE002158_T167	70782	58083	End Point	End Point	Kelp	Other		Dive
IE002158_T168	70694	57990	End Point	End Point	Sand	Other	With broken shell	Dive
IE002158_T169	70649	58006	End Point	End Point	Kelp	Other	With <i>Sargassum muticum</i>	Scope
IE002158_T169.1	70635	57991	70616	57998	Kelp	Other	With <i>Sargassum muticum</i>	Scope
IE002158_T169.2	70616	57998	70573	58009	Kelp	Other		Scope
IE002158_T169.3	70573	58009	70570	57975	Kelp	Other		Scope
IE002158_T169.4	70570	57975	70569	57960	Kelp	Other		Scope
IE002158_T169.5	70569	57960	70547	57951	Kelp	Other		Scope
IE002158_T169.6	70547	57951	70513	57956	Kelp	Other		Scope
IE002158_T169.7	70513	57956	70467	57937	Kelp	Other		Scope
IE002158_T169.8	70467	57954	70440	57932	Kelp	Other		Scope
IE002158_T169.9	70440	57937	70417	57932	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T169.10	70417	57932	70396	57924	Kelp	Other		Scope
IE002158_T169.11	70396	57924	70377	57911	Sand	Other		Scope
IE002158_T169.12	70377	57911	70344	57924	Kelp	Other		Scope
IE002158_T169.13	70344	57924	70323	57939	Sand	Other		Scope
IE002158_T169.14	70323	57939	70286	57968	Kelp	Other		Scope
IE002158_T169.15	70286	57968	70263	57997	Kelp	Other		Scope
IE002158_T169.16	70263	57997	70230	58033	Kelp	Other		Scope
IE002158_T169.17	70230	58033	70175	58077	Kelp	Other		Scope
IE002158_T169.18	70175	58077	70135	58089	Kelp	Other		Scope
IE002158_T169.19	70135	58089	70113	58102	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T169.20	70113	58102	70101	58111	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T169.21	70101	58111	70094	58103	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T169.22	70094	58103	70101	58089	Sand	Other		Scope
IE002158_T169.23	70101	58089	70129	58080	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T169.24	70129	58080	70144	58071	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope

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IE002158_T169.25	70144	58071	70144	58056	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T169.26	70144	58056	70148	58046	Sand	Other		Scope
IE002158_T169.27	70148	58046	70191	58051	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy	Zostera marina in bands with kelp	Scope
IE002158_T169.28	70191	58051	70161	58149	Kelp	Other		Scope
IE002158_T169.29	70161	58149	End Point	End Point	Sand	Other		Scope
IE002158_T170	70210	58159	End Point	End Point	Sand	Other		Video
IE002158_T170.1	70709	57860	70716	57843	Sand	Other	With sand and broken shell	Scope
IE002158_T170.2	70716	57843	70757	57860	Kelp	Other		Scope
IE002158_T170.3	70757	57860	70791	57872	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T170.4	70791	57872	70806	57868	Sand	Other		Scope
IE002158_T170.5	70806	57868	70792	57848	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T170.6	70792	57848	70790	57870	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T170.7	70792	57870	70832	57896	Sand	Other		Scope
IE002158_T170.8	70832	57896	70853	57908	Sand	Other		Scope
IE002158_T170.9	70853	57908	70790	57911	Sand	Other		Scope
IE002158_T170.10	70790	57911	70748	57908	Kelp	Other		Scope
IE002158_T170.11	70748	57908	End Point	End Point	Kelp	Other		Scope
IE002158_T171	70895	57911	70960	57887	Sand	Other		Scope
IE002158_T171.1	70960	57887	70995	57874	Sand	Other		Scope
IE002158_T171.2	70995	57874	71019	57849	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T171.3	71019	57849	71033	57839	Sand	Other		Scope
IE002158_T171.4	71033	57839	71049	57827	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T171.5	71049	57827	71059	57748	Sand	Other		Scope
IE002158_T171.6	71059	57748	71056	57723	Kelp	Other		Scope
IE002158_T171.7	71056	57723	71016	57693	Sand	Other		Scope
IE002158_T171.8	71016	57693	71005	57683	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T171.9	71005	57683	70992	57680	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T171.10	70992	57680	70986	57668	Sand	Other		Scope
IE002158_T171.11	70986	57668	70970	57641	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T171.12	70970	57641	70962	57629	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T171.13	70962	57629	70959	57624	Kelp	Other		Scope
IE002158_T171.14	70959	57624	70942	57612	Sand	Other		Scope
IE002158_T171.15	70942	57612	70910	57600	Sand	Other		Scope
IE002158_T171.16	70910	57600	70905	57595	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T171.17	70905	57595	70938	57605	Sand	Other		Scope
IE002158_T171.18	70938	57605	70943	57603	Sand	Other		Scope
IE002158_T171.19	70943	57603	70943	57598	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T171.20	70943	57598	70956	57592	Kelp	Other		Scope
IE002158_T171.21	70956	57592	70987	57579	Kelp	Other		Scope
IE002158_T171.22	70987	57579	End Point	End Point	Kelp	Other		Scope
IE002158_T172	70917	57468	70893	57409	Kelp	Other		Scope
IE002158_T172.1	70893	57409	70852	57379	Kelp	Other		Scope
IE002158_T172.2	70852	57379	70826	57374	Kelp	Other		Scope
IE002158_T172.3	70826	57374	70800	57354	Kelp	Other		Scope
IE002158_T172.4	70800	57354	70763	57356	Kelp	Other		Scope
IE002158_T172.5	70763	57356	End Point	End Point	Vision gone	Other		Scope
IE002158_T173	70611	57404	End Point	End Point	Kelp	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T174	70607	57575	End Point	End Point	Sand	Other		Dive
IE002158_T175	71703	57641	71777	57592	Mud	Other		Dive
IE002158_T175.1	71777	57592	71698	57723	Maerl Dead	Maerl Dead	5 percent cover of dead maerl	Dive
IE002158_T175.2	71698	57723	71647	57834	Maerl Dead	Maerl Dead	1 percent cover of dead maerl on mud	Dive
IE002158_T175.3	71647	57834	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	50 percent cover of 50 percent live and 50 percent dead maerl	Dive
IE002158_T176	71705	57954	End Point	End Point	Maerl Living	Maerl Living	1 percent cover of living maerl	Dive
IE002158_T177	71914	57775	End Point	End Point	Mud	Other	With macroalgae	Dive
IE002158_T178	71942	57732	End Point	End Point	Mud	Other	With macroalgae	Dive
IE002158_T179	71948	57715	72029	57714	Maerl Living and Dead	Maerl Living and Dead	50 percent cover of 50 percent live and 50 percent dead maerl	Dive
IE002158_T179.1	72029	57714	End Point	End Point	Maerl Living	Maerl Living	(<i>Lithophyllum dentatum</i>) 50 percent cover of living maerl with <i>Ulva</i> sp.	Dive
IE002158_T180	72102	57712	End Point	End Point	Mud	Other		Dive
IE002158_T181	72164	57743	72229	57764	Maerl Living	Maerl Living	1 percent cover of living maerl	Dive
IE002158_T181.1	72229	57764	72279	57774	Maerl Living	Maerl Living	10 percent cover of living maerl	Dive
IE002158_T181.2	72279	57774	72323	57788	Kelp	Other		Dive
IE002158_T181.3	72323	57788	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	10 percent cover of living maerl	Dive
IE002158_T182	72313	57787	72336	57789	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 50 percent living and 50 percent dead maerl	Dive
IE002158_T182.1	72336	57789	72268	57776	Mud	Other		Dive
IE002158_T182.2	72268	57776	72182	57768	Maerl Living	Maerl Living	(<i>Lithophyllum dentatum</i>) 50 percent cover of living maerl boundary	Dive
IE002158_T182.3	72182	57768	72149	57765	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	50 percent cover of 50 percent live and 50 percent dead maerl	Dive
IE002158_T182.4	72149	57765	72138	57753	Sand	Other	Coarse sand and shell	Dive
IE002158_T182.5	72138	57753	72076	57751	Maerl Living and Dead	Maerl Living and Dead	70 percent cover of 50 percent live and 50 percent dead maerl	Dive
IE002158_T182.6	72076	57751	End Point	End Point	Mud	Other	With shell and macroalgae	Dive
IE002158_T183	71418	57866	71702	58028	Maerl Living and Dead	Maerl Living and Dead	70 percent cover of 50 percent live and 50 percent dead maerl	Dive
IE002158_T183.1	71702	58028	71743	58023	Maerl Living	Maerl Living	(<i>Lithophyllum dentatum</i>) 50 percent cover of living maerl boundary	Dive
IE002158_T183.2	71743	58023	End Point	End Point	Sand	Other		Dive
IE002158_T184	71124	58059	71640	57842	Maerl Living	Maerl Living	100 percent cover of living maerl	Dive
IE002158_T184.1	71640	57842	End Point	End Point	Mud	Other	With shell	Dive
IE002158_T185	71203	58191	71189	58291	Maerl Living	Maerl Living	100 percent cover of 50 percent living and 50 percent dead maerl	Dive
IE002158_T185.1	71189	58291	End Point	End Point	Rock	Other	With kelp	Dive
IE002158_T186	71440	58194	71445	58235	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 20 percent living and 80 percent dead maerl	Dive
IE002158_T186.1	71445	58235	71469	58313	Kelp	Other		Dive
IE002158_T186.2	71469	58313	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 20 percent living and 80 percent dead maerl	Dive
IE002158_T187	71583	58332	71601	58361	Maerl Living and Dead	Maerl Living and Dead	5 percent cover of dead maerl	Dive
IE002158_T187.1	71601	58361	End Point	End Point	Maerl Dead	Other	With kelp	Dive
IE002158_T188	71609	58208	71555	58078	Maerl Living and Dead	Maerl Living and Dead	15 percent thin covering of 50 percent living and 50 percent dead maerl on mud	Dive
IE002158_T188.1	71555	58078	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	70 percent cover of 50 percent live and 50 percent dead maerl	Dive
IE002158_T189	71600	57751	End Point	End Point	Maerl Dead	Maerl Dead	5 percent thin covering of dead maerl	Dive
IE002158_T190	71592	57829	71485	57714	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 70 percent living and 30 percent dead maerl	Dive
IE002158_T190.1	71485	57714	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	5 percent cover of 30 percent living and 70 percent dead maerl	Dive
IE002158_T191	71501	57794	71433	57776	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 70 percent living and 30 percent dead maerl	Dive
IE002158_T191.1	71433	57776	71422	57723	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 80 percent living and 20 percent dead maerl	Dive
IE002158_T191.2	71422	57723	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	80 percent thin covering of 50 percent live and 50 percent dead maerl	Dive
IE002158_T192	71397	57641	End Point	End Point	Mud	Other	With shell	Dive

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T193	71685	57310	71819	57353	Mud	Other		Dive
IE002158_T193.1	71819	57353	End Point	End Point	Mud	Other	With broken shell and Ulva sp.	Dive
IE002158_T194	71826	57141	71949	57201	Mud	Other	With shell	Dive
IE002158_T194.1	71949	57201	End Point	End Point	Mud	Other		Dive
IE002158_T195	71229	58533	End Point	End Point	Kelp	Other		Dive
IE002158_T196	67475	56976	End Point	End Point	Sand	Other	Coarse sand	Video
IE002158_T197	67377	56908	End Point	End Point	Broken Shell	Other		Video
IE002158_T198	67320	57084	End Point	End Point	Broken Shell	Other		Video
IE002158_T199	67276	56968	End Point	End Point	Sand	Other		Video
IE002158_T200	67137	56980	End Point	End Point	Cobbles	Other	Coarse sand	Video
IE002158_T201	67105	56808	End Point	End Point	Sand	Other	Coarse sand with broken shell. (24 meters deep)	Video
IE002158_T202	67215	56838	End Point	End Point	Broken Shell	Other		Video
IE002158_T203	67232	56783	End Point	End Point	Rock	Other	With kelp	Video
IE002158_T204	67067	56683	End Point	End Point	Rock	Other	With kelp	Video
IE002158_T205	67006	56769	End Point	End Point	Rock	Other	With boulders (19 meters)	Video
IE002158_T206	67193	56844	End Point	End Point	Broken Shell	Other		Video
IE002158_T207	67236	56994	End Point	End Point	Broken Shell	Other		Video
IE002158_T208	67285	56895	End Point	End Point	Sand	Other		Video
IE002158_T209	67250	56912	End Point	End Point	Sand	Other	<1 percent cover with fragments of dead maerl (29 meters deep)	Video
IE002158_T210	67386	56994	End Point	End Point	Broken Shell	Other	Coarse sand and broken shell (26 meters deep)	Video
IE002158_T211	67452	57025	End Point	End Point	Rock	Other		Video
IE002158_T212	67514	57025	End Point	End Point	Rock	Other		Video
IE002158_T213	67788	56774	67786	56763	Rock	Other		Video
IE002158_T213.1	67786	56763	67804	56763	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T213.2	67804	56764	67809	56744	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T213.3	67809	56744	67798	56733	Sand	Other		Scope
IE002158_T213.4	67798	56733	67806	56733	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T213.5	67806	56753	67805	56753	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T213.6	67805	56778	67818	56778	Sand	Other		Scope
IE002158_T213.7	67818	56776	67837	56746	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T213.8	67837	56746	67848	56746	Sand	Other		Scope
IE002158_T213.9	67848	56746	67855	56754	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T213.10	67855	56754	67862	56766	Sand	Other		Scope
IE002158_T213.11	67862	56766	67864	56801	Sand	Other		Scope
IE002158_T213.12	67864	56801	67851	56917	Muddy Sand	Other		Scope
IE002158_T213.13	67851	56917	67840	56908	Sand	Other		Scope
IE002158_T213.14	67840	56908	67821	56903	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T213.15	67821	56903	67805	56899	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T213.16	67805	56899	67779	56889	Sand	Other		Scope
IE002158_T213.17	67779	56889	67814	56895	Sand	Other		Scope
IE002158_T213.18	67814	56895	67828	56890	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T213.19	67828	56890	67828	56876	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T213.20	67828	56876	67815	56863	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T213.21	67815	56863	67798	56851	Sand	Other		Scope
IE002158_T213.22	67798	56851	67805	56851	Sand	Other		Scope
IE002158_T213.23	67805	56856	67816	56864	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T213.24	67816	56864	67856	56896	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T213.25	67856	56896	67868	56932	Sand	Other		Scope
IE002158_T213.26	67868	56932	67866	56954	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> in bands with kelp	Scope
IE002158_T213.27	67866	56954	67883	56959	Kelp	Other		Scope
IE002158_T213.28	67883	56959	End Point	End Point	Other	Other		Scope
IE002158_T214	68437	57032	68469	57080	Sand	Other		Scope
IE002158_T214.1	68469	57080	68465	57097	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T214.2	68465	57097	68459	57112	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	With shell	Scope
IE002158_T214.3	68459	57112	68476	57127	Sand	Other		Scope
IE002158_T214.4	68476	57127	68475	57118	Rock	Other		Scope
IE002158_T214.5	68475	57118	68469	57115	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T214.6	68469	57115	68473	57102	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T214.7	68473	57102	68487	57090	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T214.8	68487	57090	68502	57089	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T214.9	68502	57089	End Point	End Point	Sand	Other		Scope
IE002158_T215	62946	60297	End Point	End Point	Broken Shell	Other	With broken shell and gravel	Video
IE002158_T216	63067	60305	End Point	End Point	Broken Shell	Other	With broken shell and gravel (29 meters deep)	Video
IE002158_T217	63209	60443	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	< 5 percent cover of 50 percent living and 50 percent dead maerl	Video
IE002158_T218	63283	60438	End Point	End Point	Rock	Other		Video
IE002158_T219	63337	60558	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	< 5 percent cover of 20 percent living and 80 percent dead maerl	Video
IE002158_T220	63448	60554	End Point	End Point	Rock	Other		Video
IE002158_T221	63384	60739	End Point	End Point	Kelp	Other		Video
IE002158_T222	62474	60437	End Point	End Point	Kelp	Other		Video
IE002158_T223	62600	60537	End Point	End Point	Maerl Dead	Maerl Dead	9 percent cover of dead maerl	Video
IE002158_T224	62740	60622	End Point	End Point	Mud	Other	With very sparse fragments of dead maerl	Video
IE002158_T225	62877	60707	End Point	End Point	Mud	Other		Video
IE002158_T226	63003	60840	End Point	End Point	Mud	Other		Video
IE002158_T227	74239	60519	74265	60521	Sand	Other		Scope
IE002158_T227.1	74265	60521	74229	60571	Sand	Other	With dense macroalgae	Scope
IE002158_T227.2	74229	60571	74197	60540	Muddy Sand	Other	Muddy sand with macroalgae	Scope
IE002158_T227.3	74197	60540	74185	60492	Muddy Sand	Other	With broken shell	Scope
IE002158_T227.4	74185	60492	74167	60461	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T227.5	74167	60461	74162	60485	Kelp	Other		Scope
IE002158_T227.6	74162	60485	74200	60491	Muddy Sand	Other	With macroalgae	Scope
IE002158_T227.7	74200	60491	74212	60476	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T227.8	74212	60476	74199	60471	Kelp	Other		Scope
IE002158_T227.9	74199	60471	74180	60478	Kelp	Other		Scope
IE002158_T227.10	74180	60478	74164	60479	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T227.11	74164	60479	74157	60468	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T227.12	74157	60468	74164	60448	Macroalgae	Other	With shell	Scope
IE002158_T227.13	74164	60448	74182	60418	Sand	Other	With macroalgae	Scope
IE002158_T227.14	74182	60418	74166	60392	Sand	Other	With broken shell and sand	Scope
IE002158_T227.15	74166	60392	End Point	End Point	Broken Shell	Other	With macroalgae	Scope
IE002158_T228	74154	60294	End Point	End Point	Rock	Other		Dive
IE002158_T229	74101	60250	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	60 percent cover of 20 percent living and 80 percent dead	Dive
IE002158_T230	73998	60281	74087	60350	Maerl Living and Dead	Maerl Living and Dead	100 percent thin covering 80 percent dead 20 percent living maerl with macroalgae	Dive
IE002158_T230.1	74087	60350	End Point	End Point	Broken Shell	Other	With kelp	Dive
IE002158_T231	74146	60391	74112	60326	Rock	Other		Dive

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T231.1	74112	60326	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	Cobbles with pockets of 10 percent cover of 50 percent living and 50 percent dead maerl	Dive
IE002158_T232	73986	60329	73959	60301	Rock	Other	With kelp	Dive
IE002158_T232.1	73959	60301	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 50 percent live and 50 percent dead maerl with macroalgae	Dive
IE002158_T233	73886	60429	73829	60361	Rock	Other	With macroalgae	Dive
IE002158_T233.1	73829	60361	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 50 percent live and 50 percent dead maerl	Dive
IE002158_T234	73745	60445	73822	60505	Maerl Living and Dead	Maerl Living and Dead	70 percent thin cover of 30 percent living 70 percent dead maerl	Dive
IE002158_T234.1	73822	60505	End Point	End Point	Rock	Other	With kelp	Dive
IE002158_T235	73914	60634	73882	60690	Rock	Other	With kelp	Dive
IE002158_T235.1	73882	60690	End Point	End Point	Cobbles	Other		Dive
IE002158_T236	73794	60609	End Point	End Point	Cobbles	Other		Video
IE002158_T237	73708	60548	End Point	End Point	Broken Shell	Other	With broken shell on muddy sand	Video
IE002158_T238	73648	60456	End Point	End Point	Mud	Other		Video
IE002158_T239	73671	60271	End Point	End Point	Muddy Sand	Other		Video
IE002158_T240	73742	60302	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	<5 percent cover of 50 percent living and 50 percent dead maerl 19m deep.	Video
IE002158_T241	73789	60342	73850	60360	Broken Shell	Other	With sparse fragments of dead maerl	Dive
IE002158_T241.1	73850	60360	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 20 percent living and 80 percent dead maerl	Dive
IE002158_T242	73788	60127	End Point	End Point	Mud	Other	With broken shell	Video
IE002158_T243	73866	60153	End Point	End Point	Mud	Other	With broken shell (20 meters deep)	Video
IE002158_T244	73944	60177	End Point	End Point	Mud	Other	With less than 1 percent cover of dead maerl fragments (20 meters deep)	Video
IE002158_T245	74020	60192	74104	60222	Maerl Living and Dead	Maerl Living and Dead	70 percent thin covering of 80 percent dead and 20 percent live maerl	Dive
IE002158_T245.1	74104	60222	End Point	End Point	Rock	Other	With kelp on boulders	Dive
IE002158_T246	74165	60220	74171	60186	Rock	Other	With kelp	Dive
IE002158_T246.1	74171	60186	End Point	End Point	Maerl Dead	Maerl Dead	With <5 percent thin cover of dead maerl frags	Dive
IE002158_T247	74155	60063	74115	60028	Rock	Other	With kelp	Dive
IE002158_T247.1	74115	60028	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	60 percent cover of 90 percent dead 10 percent living maerl	Dive
IE002158_T248	74041	60020	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	70 percent thin cover of 10 percent living 90 percent dead maerl	Dive
IE002158_T248.1	73962	59900	73931	59942	Rock	Other	With kelp	Dive
IE002158_T249	73931	59942	End Point	End Point	Maerl Dead	Maerl Dead	10 percent cover of dead maerl with rock and macroalgae	Dive
IE002158_T250	73869	59928	End Point	End Point	Rock	Other	With boulders, macroalgae and sand	Video
IE002158_T251	73812	60037	End Point	End Point	Cobbles	Other		Video
IE002158_T252	73960	60077	End Point	End Point	Maerl Dead	Maerl Dead	<5 percent cover with fragments of dead maerl	Video
IE002158_T253	74073	60111	End Point	End Point	Maerl Dead	Maerl Dead	20 percent cover of dead maerl	Video
IE002158_T254	73873	60233	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	5-10 percent cover of fragments of 50 percent live 50 percent dead sand.	Video
IE002158_T255	74237	59327	74232	59287	Rock	Other		Scope
IE002158_T255.1	74232	59287	74193	59251	Rock	Other	With macroalgae and <i>Ulva sp.</i>	Scope
IE002158_T255.2	74193	59251	74158	59175	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 40 percent living and 60 percent dead maerl covered with macroalgae	Scope
IE002158_T255.3	74158	59175	End Point	End Point	Rock	Other	With macroalgae	Scope
IE002158_T256	74123	59207	74111	59246	Rock	Other	With macroalgae.	Scope
IE002158_T256.1	74111	59246	74100	59290	Kelp	Other	With kelp	Scope
IE002158_T256.2	74100	59290	74111	59305	Kelp	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T256.3	74111	59305	74192	59332	Kelp	Other		Scope
IE002158_T256.4	74192	59332	End Point	End Point	Macroalgae	Other		Scope
IE002158_T257	75192	60114	75145	60108	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T257.1	75145	60108	75131	60107	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T257.2	75131	60107	75075	60098	Mud	Other		Scope
IE002158_T257.3	75075	60098	75051	60125	Mud	Other		Scope
IE002158_T257.4	75051	60125	75061	60138	Mud	Other		Scope
IE002158_T257.5	75061	60138	75071	60140	Rock	Other		Scope
IE002158_T257.6	75071	60140	75100	60125	Mud	Other		Scope
IE002158_T257.7	75100	60125	75126	60130	Mud	Other		Scope
IE002158_T257.8	75126	60130	75179	60137	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	On mud and shell	Scope
IE002158_T257.9	75179	60137	75209	60108	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T257.10	75209	60108	End Point	End Point	Mud	Other		Scope
IE002158_T258	73919	64211	73880	64205	Rock	Other	With macroalgae and <i>Ulva</i> sp.	Scope
IE002158_T258.1	73880	64205	73833	64186	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T258.2	73833	64186	73816	64170	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T258.3	73816	64170	End Point	End Point	Mud	Other	With shell	Scope
IE002158_T259	73828	64176	73833	64215	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T259.1	73833	64215	73831	64233	Mud	Other		Scope
IE002158_T259.2	73831	64233	73811	64230	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T259.3	73811	64230	73798	64212	Mud	Other	With macroalgae and kelp	Scope
IE002158_T259.4	73798	64212	73828	64225	Mud	Other	With macroalgae	Scope
IE002158_T259.5	73828	64225	73851	64232	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T259.6	73851	64232	73864	64256	Mud	Other		Scope
IE002158_T259.7	73864	64256	73856	64264	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T259.8	73856	64264	73863	64272	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T259.9	73863	64272	73894	64301	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	With macroalgae	Scope
IE002158_T259.10	73894	64301	73922	64329	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T259.11	73922	64329	73913	64348	Mud	Other	With macroalgae	Scope
IE002158_T259.12	73913	64348	73858	64330	Mud	Other		Scope
IE002158_T259.13	73858	64330	73843	64324	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T259.14	73843	64324	73819	64316	Mud	Other		Scope
IE002158_T259.15	73819	64316	73773	64299	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> extends to full width of int	Scope
IE002158_T259.16	73773	64299	End Point	End Point	Mud	Other	With macroalgae	Scope
IE002158_T260	73995	64518	73951	64480	Mud	Other		Scope
IE002158_T260.1	73951	64480	73942	64457	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T260.2	73942	64457	73930	64463	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T260.3	73930	64463	73936	64467	Rock	Other		Scope
IE002158_T260.4	73936	64467	73952	64465	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T260.5	73952	64465	End Point	End Point	Mud	Other	With macroalgae	Scope
IE002158_T261	74218	64763	74221	64794	Kelp	Other		Scope
IE002158_T261.1	74221	64794	74205	64816	Mud	Other		Scope
IE002158_T261.2	74205	64816	74175	64830	Rock	Other	With kelp	Scope
IE002158_T261.3	74175	64830	74154	64822	Rock	Other		Scope
IE002158_T261.4	74154	64822	74129	64807	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002158_T261.5	74129	64807	74113	64779	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T261.6	74113	64779	74090	64758	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T261.7	74090	64758	74129	64806	Zostera marina Abundant	Zostera marina Abundant	Zostera marina continues to shore	Scope
IE002158_T261.8	74129	64806	74145	64799	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T261.9	74145	64799	74133	64794	Rock	Other		Scope
IE002158_T261.10	74133	64794	74114	64824	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T261.11	74114	64824	74069	64833	Zostera marina Abundant	Zostera marina Abundant	Short blades of Zostera marina	Scope
IE002158_T261.12	74069	64833	74058	64834	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T261.13	74058	64834	74070	64817	Rock	Other		Scope
IE002158_T261.14	74070	64817	74037	64806	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T261.15	74037	64806	74010	64806	Zostera marina Abundant	Zostera marina Abundant	With macroalgae on mud	Scope
IE002158_T261.16	74010	64806	End Point	End Point	Mud	Other		Scope
IE002158_T262	74099	64839	74131	64857	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T262.1	74131	64857	74161	64874	Sandy Mud	Other		Scope
IE002158_T262.2	74161	64874	74170	64890	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002158_T262.3	74170	64890	74204	64919	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T262.4	74204	64919	74253	64945	Macroalgae	Other		Scope
IE002158_T262.5	74253	64945	74273	64959	Rock	Other	With macroalgae	Scope
IE002158_T262.6	74273	64959	74236	65017	Rock	Other	With macroalgae	Scope
IE002158_T262.7	74236	65017	74180	65032	Rock	Other	With macroalgae	Scope
IE002158_T262.8	74180	65032	74138	65029	Sand	Other	With broken shell	Scope
IE002158_T262.9	74138	65029	74115	65015	Vision gone	Other		Scope
IE002158_T262.10	74115	65015	74073	64998	Kelp	Other		Scope
IE002158_T262.11	74073	64998	74026	64979	Kelp	Other	With kelp	Scope
IE002158_T262.12	74026	64979	74005	64969	Rock	Other	With broken shell	Scope
IE002158_T262.13	74005	64969	73978	64957	Sand	Other		Scope
IE002158_T262.14	73978	64957	73942	64940	Muddy Sand	Other		Scope
IE002158_T262.15	73942	64940	73831	64915	Muddy Sand	Other	With broken shell and weed	Scope
IE002158_T262.16	73831	64915	End Point	End Point	Mud	Other		Scope
IE002158_T263	74097	65165	74125	65183	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T263.1	74125	65183	74163	65184	Kelp	Other		Scope
IE002158_T263.2	74163	65184	74184	65233	Vision gone	Other		Scope
IE002158_T263.3	74184	65233	74195	65256	Kelp	Other		Scope
IE002158_T263.4	74195	65256	74215	65269	Kelp	Other		Scope
IE002158_T263.5	74215	65269	74233	65279	Rock	Other		Scope
IE002158_T263.6	74233	65279	74281	65323	Sand	Other	With macroalgae	Scope
IE002158_T263.7	74281	65323	End Point	End Point	Kelp	Other		Scope
IE002158_T264	74499	65256	74543	65236	Kelp	Other		Scope
IE002158_T264.1	74543	65236	End Point	End Point	Kelp	Other		Scope
IE002158_T265	74960	65577	74994	65590	Mud	Other		Scope
IE002158_T265.1	74994	65590	75014	65597	Mud	Other		Scope
IE002158_T265.2	75014	65597	75021	65606	Mud	Other		Scope
IE002158_T265.3	75021	65606	75037	65629	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T265.4	75037	65629	75058	65634	Mud	Other		Scope
IE002158_T265.5	75058	65634	75075	65637	Kelp	Other		Scope
IE002158_T265.6	75075	65637	75130	65651	Mud	Other	With broken shell	Scope
IE002158_T265.7	75130	65651	75233	65725	Mud	Other		Scope
IE002158_T265.8	75233	65725	75288	65755	Mud	Other		Scope
IE002158_T265.9	75288	65755	End Point	End Point	Mud	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T266	75110	65559	75083	65520	Kelp	Other		Scope
IE002158_T266.1	75083	65520	75099	65508	Kelp	Other		Scope
IE002158_T266.2	75099	65508	75163	65528	Vision gone	Other		Scope
IE002158_T266.3	75163	65528	75190	65536	Sand	Other		Scope
IE002158_T266.4	75190	65536	75243	65552	Rock	Other	With macroalgae	Scope
IE002158_T266.5	75243	65552	75282	65571	Muddy Sand	Other		Scope
IE002158_T266.6	75282	65571	75322	65568	Kelp	Other	With macroalgae	Scope
IE002158_T266.7	75322	65568	75396	65579	Macroalgae	Other		Scope
IE002158_T266.8	75396	65579	75431	65594	Kelp	Other		Scope
IE002158_T266.9	75431	65594	75471	65611	Kelp	Other	With macroalgae	Scope
IE002158_T266.10	75471	65611	75506	65620	Mud	Other	With macroalgae	Scope
IE002158_T266.11	75506	65620	75569	65622	Mud	Other	With macroalgae	Scope
IE002158_T266.12	75569	65622	75599	65619	Mud	Other	With macroalgae and shell	Scope
IE002158_T266.13	75599	65619	End Point	End Point	Mud	Other		Scope
IE002158_T267	76088	62190	End Point	End Point	Mud	Other		Scope
IE002158_T268	76185	62390	End Point	End Point	Mud	Other		Video
IE002158_T269	76084	62095	End Point	End Point	Mud	Other		Video
IE002158_T270	75757	62104	End Point	End Point	Sand	Other		Video
IE002158_T271	75794	61979	End Point	End Point	Mud	Other	Less than 0.5 percent cover of dead maerl fragments	Video
IE002158_T272	75846	61859	End Point	End Point	Broken Shell	Other		Video
IE002158_T273	75681	62208	End Point	End Point	Sand	Other		Video
IE002158_T274	75426	62014	End Point	End Point	Mud	Other		Video
IE002158_T275	75455	61956	End Point	End Point	Rock	Other		Video
IE002158_T276	75466	61815	End Point	End Point	Rock	Other		Video
IE002158_T277	75292	61880	End Point	End Point	Mud	Other	With broken shell	Video
IE002158_T278	74073	61027	End Point	End Point	Mud	Other	On muddy sand with shell fragments	Video
IE002158_T279	74136	61067	End Point	End Point	Mud	Other		Video
IE002158_T280	74014	61078	End Point	End Point	Cobbles	Other	On muddy sand	Video
IE002158_T281	73999	60945	End Point	End Point	Rock	Other	Boulders	Video
IE002158_T282	74093	60917	End Point	End Point	Cobbles	Other		Video
IE002158_T283	74240	61331	74293	61315	Sand	Other	Duned sand	Video
IE002158_T283.1	74293	61315	End Point	End Point	Sand	Other	Coarse duned sand with rare <i>Lanice conchilega</i>	Video
IE002158_T284	74125	61429	End Point	End Point	Cobbles	Other		Video
IE002158_T285	74230	61342	End Point	End Point	Muddy Sand	Other	With broken shell (28 meters deep)	Video
IE002158_T286	73638	60027	73688	59986	Muddy Sand	Other		Video
IE002158_T286.1	73688	59986	End Point	End Point	Muddy Sand	Other	With rock and <i>Eunicella verrucosa</i>	Video
IE002158_T287	73601	60146	73629	60121	Mud	Other		Video
IE002158_T287.1	73629	60121	End Point	End Point	<i>Pachycerianthus multiplicatus</i>	Other		Video
IE002158_T288	73468	60157	73484	60138	Cobbles	Other		Video
IE002158_T288.1	73484	60138	73500	60119	Mud	Other		Video
IE002158_T288.2	73500	60119	73537	60093	Mud	Other	With <i>Cerianthus lloydii</i>	Video
IE002158_T288.3	73537	60093	73559	60069	Mud	Other	Very sparse epifauna	Video
IE002158_T288.4	73559	60069	73580	60047	Mud	Other		Video
IE002158_T288.5	73580	60047	73605	60018	Mud	Other	Very sparse epifauna	Video
IE002158_T288.6	73605	60018	73617	60001	Mud	Other		Video
IE002158_T288.7	73617	60001	73644	59976	Mud	Other	<i>Nephtys norvegicus</i> burrows	Video
IE002158_T288.8	73644	59976	73661	59945	<i>Neopentadactyla mixta</i>	Other		Video

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T288.9	73661	59945	73674	59924	Mud	Other	With <i>Cerianthus lloydtii</i>	Video
IE002158_T288.10	73674	59924	73685	59905	Mud	Other		Video
IE002158_T288.11	73685	59905	73710	59855	Muddy Sand	Other	Very sparse epifauna	Video
IE002158_T288.12	73710	59855	73718	59836	Muddy Sand	Other		Video
IE002158_T288.13	73718	59836	End Point	End Point	Muddy Sand	Other		Video
IE002158_T289	73696	60148	End Point	End Point	Rock	Other		Video
IE002158_T290	73613	60098	73636	60071	Mud	Other	With <i>Cerianthus lloydtii</i>	Video
IE002158_T290.1	73636	60071	73655	60060	Mud	Other		Video
IE002158_T290.2	73655	60060	73670	60042	Mud	Other		Video
IE002158_T290.3	73670	60042	73683	60031	Mud	Other	With <i>Cerianthus lloydtii</i>	Video
IE002158_T290.4	73683	60031	73690	60020	Mud	Other	With <i>Cerianthus lloydtii</i>	Video
IE002158_T290.5	73690	60020	End Point	End Point	Rock	Other	Finishes at the cliff face of reef	Video
IE002158_T291	76088	62190	End Point	End Point	Mud	Other		Video
IE002158_T292	76185	62390	End Point	End Point	Mud	Other		Video
IE002158_T293	76084	62095	End Point	End Point	Mud	Other		Video
IE002158_T294	75757	62104	End Point	End Point	Sand	Other		Video
IE002158_T295	75794	61979	End Point	End Point	Broken Shell	Other	Less than 0.5 percent cover of dead maerl fragments	Video
IE002158_T296	75846	61859	End Point	End Point	Sand	Other		Video
IE002158_T297	75681	62208	End Point	End Point	Mud	Other		Video
IE002158_T298	75426	62014	End Point	End Point	Mud	Other		Video
IE002158_T299	75455	61956	End Point	End Point	Rock	Other		Video
IE002158_T300	75466	61815	End Point	End Point	Rock	Other		Video
IE002158_T301	75292	61880	End Point	End Point	Mud	Other	With broken shell	Video
IE002158_T302	74073	61027	End Point	End Point	Mud	Other	On muddy sand with shell fragments	Video
IE002158_T303	74136	61067	End Point	End Point	Mud	Other		Video
IE002158_T304	74014	61078	End Point	End Point	Cobbles	Other	On muddy sand	Video
IE002158_T305	73999	60945	End Point	End Point	Rock	Other	Boulders	Video
IE002158_T306	74093	60917	End Point	End Point	Cobbles	Other		Video
IE002158_T307	74240	61331	74293	61315	Sand	Other		Video
IE002158_T307.1	74293	61315	End Point	End Point	Sand	Other	Duned sand	Video
IE002158_T308	74125	61429	End Point	End Point	Cobbles	Other	Coarse duned sand with rare <i>Lamice conchilega</i>	Video
IE002158_T309	74230	61342	End Point	End Point	Muddy Sand	Other		Video
IE002158_T310	73638	60027	73688	59986	Muddy Sand	Other	With broken shell (28 meters deep)	Video
IE002158_T310.1	73688	59986	End Point	End Point	Muddy Sand	Other		Video
IE002158_T311	73601	60146	73629	60121	Mud	Other	With rock and <i>Eunicella verrucosa</i>	Video
IE002158_T311.1	73629	60121	End Point	End Point	Mud	Other		Video
IE002158_T312	73468	60157	73484	60138	Cobbles	Other	<i>Pachycerianthus multiplicatus</i>	Video
IE002158_T312.1	73484	60138	73500	60119	Mud	Other		Video
IE002158_T312.2	73500	60119	73537	60093	Mud	Other	With <i>Cerianthus lloydtii</i>	Video
IE002158_T312.3	73537	60093	73559	60069	Mud	Other	Very sparse epifauna	Video
IE002158_T312.4	73559	60069	73580	60047	Mud	Other		Video
IE002158_T312.5	73580	60047	73605	60018	Mud	Other	Very sparse epifauna	Video
IE002158_T312.6	73605	60018	73617	60001	Mud	Other		Video
IE002158_T312.7	73617	60001	73644	59976	Mud	Other		Video
IE002158_T312.8	73644	59976	73661	59945	Mud	Other	<i>Nephtys norvegicus</i> burrows	Video
IE002158_T312.9	73661	59945	73674	59924	Mud	Other	With <i>Cerianthus lloydtii</i>	Video
IE002158_T312.10	73674	59924	73685	59905	Mud	Other		Video

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T312.11	73685	59905	73710	59855	Muddy Sand	Other	Very sparse epifauna	Video
IE002158_T312.12	73710	59855	73718	59836	Muddy Sand	Other		Video
IE002158_T312.13	73718	59836	End Point	End Point	Muddy Sand	Other		Video
IE002158_T313	73696	60148	End Point	End Point	Rock	Other		Video
IE002158_T314	73613	60098	73636	60071	Mud	Other	With <i>Cerianthus lloydii</i>	Video
IE002158_T314.1	73636	60071	73655	60060	Mud	Other		Video
IE002158_T314.2	73655	60060	73670	60042	Mud	Other		Video
IE002158_T314.3	73670	60042	73683	60031	Mud	Other	With <i>Cerianthus lloydii</i>	Video
IE002158_T314.4	73683	60031	73690	60020	Mud	Other	With <i>Cerianthus lloydii</i>	Video
IE002158_T314.5	73690	60020	End Point	End Point	Rock	Other	Finishes at the cliff face of reef	Video
IE002158_T315	80694	67355	80694	67353	Maerl Living and Dead	Maerl Living and Dead	<10 percent cover of 50 percent living and 50 percent dead maerl	Video
IE002158_T315.1	80694	67355	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	10 percent cover of 50 percent living and 50 percent dead maerl	Video
IE002158_T315	80641	67410	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Video
IE002158_T316	80516	67532	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Video
IE002158_T317	80419	67675	End Point	End Point	Mud	Other		Video
IE002158_T318	80709	67687	End Point	End Point	Mud	Other		Video
IE002158_T319	80886	67489	End Point	End Point	Maerl Dead	Maerl Dead	< 2 percent thin covering of dead maerl	Video
IE002158_T320	80951	67454	End Point	End Point	Maerl Living and dead	Maerl Living and Dead	<15 percent thin covering of 50 percent living and 50 percent dead maerl on mud	Dive
IE002158_T321	80981	67367	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	5 percent cover of 70 percent living and 30 percent dead maerl	Dive
IE002158_T322	81406	67239	End Point	End Point	Mud	Other	With rocks (18 meters)	Dive
IE002158_T323	81410	67375	End Point	End Point	Kelp	Other		Dive
IE002158_T324	81183	67611	End Point	End Point	<i>Virgularia mirabilis</i> Rare	<i>Virgularia mirabilis</i> Rare		Dive
IE002158_T325	81108	67811	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Video
IE002158_T326	80985	68001	End Point	End Point	Mud	Other		Video
IE002158_T327	80158	67404	End Point	End Point	Mud	Other		Video
IE002158_T328	79844	67524	End Point	End Point	Mud	Other		Video
IE002158_T329	79615	66465	End Point	End Point	Maerl Dead	Maerl Dead	<5 percent cover with fragments of dead maerl	Video
IE002158_T330	79636	66376	End Point	End Point	Mud	Other		Video
IE002158_T331	79706	66431	End Point	End Point	Mud	Other		Video
IE002158_T332	79759	66518	End Point	End Point	Rock	Other	With rock, cobbles, broken shell and macroalgae	Video
IE002158_T333	79207	67173	End Point	End Point	Mud	Other		Video
IE002158_T334	83605	68593	End Point	End Point	Mud	Other		Video
IE002158_T335	84002	68558	End Point	End Point	Kelp	Other	With macroalgae	Video
IE002158_T336	83890	68766	83884	68784	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.1	83884	68784	83873	68811	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.2	83873	68811	83829	68780	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.3	83829	68780	83799	68758	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	With kelp	Scope
IE002158_T336.4	83799	68758	83793	68715	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.5	83793	68715	83791	68696	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.6	83791	68696	83756	68704	Maerl Living and dead	Maerl Living and Dead	5 percent cover of 70 percent living and 30 percent dead maerl	Scope
IE002158_T336.7	83756	68704	83742	68709	Mud	Other		Scope
IE002158_T336.8	83742	68709	83721	68729	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.9	83721	68729	83701	68733	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.10	83701	68733	83678	68729	Kelp	Other		Scope
IE002158_T336.11	83678	68729	83657	68707	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T336.12	83657	68707	83653	68669	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.13	83653	68669	83611	68647	Maerl Living and Dead	Maerl Living and Dead	30 percent cover of 50 percent living and 50 percent dead maerl	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T336.14	83611	68647	83593	68653	Maerl Living and Dead	Maerl Living and Dead		Scope
IE002158_T336.15	83593	68653	83567	68670	Maerl Living and Dead	Maerl Living and Dead		Scope
IE002158_T336.16	83567	68670	83550	68695	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T336.17	83550	68695	83533	68710	Kelp	Other		Scope
IE002158_T336.18	83533	68710	83525	68721	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With kelp	Scope
IE002158_T336.19	83525	68721	83511	68729	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T336.20	83511	68729	83480	68715	Kelp	Other	With kelp	Scope
IE002158_T336.21	83480	68715	83479	68671	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	20 percent cover of 50 percent living and 50 percent dead maerl with rock and macroalgae	Scope
IE002158_T336.22	83479	68671	83475	68652	Maerl Living and Dead	Maerl Living and Dead		Scope
IE002158_T336.23	83475	68652	83437	68628	Maerl Living and Dead	Maerl Living and Dead		Scope
IE002158_T336.24	83437	68628	83408	68651	Maerl Living and Dead	Maerl Living and Dead		Scope
IE002158_T336.25	83408	68651	83406	68656	Maerl Living and Dead	Maerl Living and Dead		Scope
IE002158_T336.26	83406	68656	83395	68678	<i>Zostera marina</i> Occasional Patchy and Maerl Living and Dead	<i>Zostera marina</i> Occasional Patchy and Maerl Living and Dead	40 percent cover of 70 percent living and 30 percent dead maerl	Scope
IE002158_T336.27	83395	68678	83381	68702	Kelp	Other		Scope
IE002158_T336.28	83381	68702	83368	68709	Kelp	Other		Scope
IE002158_T336.29	83368	68709	83356	68711	Maerl Living and Dead	Maerl Living and Dead	50 percent cover of 60 percent living and 40 percent dead maerl	Scope
IE002158_T336.30	83356	68711	83335	68705	<i>Zostera marina</i> Occasional Patchy and Maerl Living and Dead	<i>Zostera marina</i> Occasional Patchy and Maerl Living and Dead	With kelp	Scope
IE002158_T336.31	83335	68705	83327	68700	Kelp	Other	30 percent cover of 50 percent living and 50 percent dead maerl	Scope
IE002158_T336.32	83327	68700	83310	68680	<i>Zostera marina</i> Occasional Patchy and Maerl Living and Dead	<i>Zostera marina</i> Occasional Patchy and Maerl Living and Dead		Scope
IE002158_T336.33	83310	68680	83300	68667	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.34	83300	68667	83288	68655	Mud	Other		Scope
IE002158_T336.35	83288	68655	83245	68663	Mud	Other		Scope
IE002158_T336.36	83245	68663	83235	68670	Mud	Other		Scope
IE002158_T336.37	83235	68670	83225	68685	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.38	83225	68685	83218	68698	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T336.39	83218	68698	83207	68712	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.40	83207	68712	83173	68711	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With kelp	Scope
IE002158_T336.41	83173	68711	83145	68690	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T336.42	83145	68690	83130	68669	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T336.43	83130	68669	83126	68661	Kelp	Other		Scope
IE002158_T336.44	83126	68661	83117	68645	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T336.45	83117	68645	83094	68646	Mud	Other		Scope
IE002158_T336.46	83094	68646	83079	68655	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T336.47	83079	68655	83062	68667	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.48	83062	68667	83029	68681	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T336.49	83029	68681	83009	68689	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T336.50	83009	68679	82993	68661	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T336.51	82993	68661	82984	68642	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T336.52	82984	68642	82980	68629	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T336.53	82980	68629	82964	68605	Mud	Other		Scope
IE002158_T336.54	82964	68605	82935	68578	Mud	Other		Scope
IE002158_T336.55	82935	68578	82899	68593	Mud	Other		Scope
IE002158_T336.56	82899	68593	82866	68626	Mud	Other		Scope
IE002158_T336.57	82866	68626	82849	68634	Mud	Other		Scope

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IE002158_T336.58	82849	68634	82816	68620	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T336.59	82816	68620	82812	68597	Kelp	Other		Scope
IE002158_T336.60	82812	68597	82797	68575	Zostera marina Frequent Patchy and Maerl Living and Dead	Zostera marina Frequent Patchy and Maerl Living and Dead	20 percent cover of 50 percent living and 50 percent dead maerl	Scope
IE002158_T336.61	82797	68575	82725	68543	Mud	Other		Scope
IE002158_T336.62	82725	68543	82698	68556	Mud	Other		Scope
IE002158_T336.63	82698	68556	82666	68573	Zostera marina Frequent Patchy and Maerl Living and Dead	Zostera marina Frequent Patchy and Maerl Living and Dead		Scope
IE002158_T336.64	82666	68573	82649	68576	Kelp	Other		Scope
IE002158_T336.65	82649	68576	82612	68537	Kelp	Other		Scope
IE002158_T336.66	82612	68537	82610	68522	Kelp	Other		Scope
IE002158_T336.67	82610	68522	82564	68531	Kelp	Other		Scope
IE002158_T336.68	82564	68531	82553	68537	Maerl Living and Dead	Maerl Living and Dead	40 percent cover of 50 percent living and 50 percent dead maerl	Scope
IE002158_T336.69	82553	68537	82533	68546	Zostera marina Occasional Patchy and Maerl Living and Dead	Zostera marina Occasional Patchy and Maerl Living and Dead		Scope
IE002158_T336.70	82533	68546	82521	68548	Kelp	Other		Scope
IE002158_T336.71	82521	68548	82510	68544	Kelp	Other		Scope
IE002158_T336.72	82510	68544	82499	68528	Zostera marina Frequent Patchy and Maerl Living and Dead	Zostera marina Frequent Patchy and Maerl Living and Dead	20 percent cover of 50 percent living and 50 percent dead maerl	Scope
IE002158_T336.73	82499	68528	82423	68535	Kelp	Other		Scope
IE002158_T336.74	82423	68535	82414	68535	Mud	Other		Scope
IE002158_T336.75	82414	68535	End Point	End Point	Mud	Other		Scope
IE002158_T337	85660	69557	85623	69554	Mud	Other		Scope
IE002158_T337.1	85623	69554	85603	69565	Mud	Other	With shell	Scope
IE002158_T337.2	85603	69565	85611	69592	Mud	Other	With macroalgae	Scope
IE002158_T337.3	85611	69592	85638	69608	Mud	Other		Scope
IE002158_T337.4	85638	69608	85683	69615	Mud	Other	With broken shell	Scope
IE002158_T337.5	85683	69615	End Point	End Point	Mud	Other	<i>Philine aperta</i> abundant on mud	Scope
IE002158_T338	86159	69488	End Point	End Point	Mud	Other		Dive
IE002158_T339	86539	69185	End Point	End Point	Mud	Other		Dive
IE002158_T340	86747	69140	86761	69139	Mud	Other		Dive
IE002158_T340.1	86761	69139	End Point	End Point	Mud	Other		Dive
IE002158_T341	86823	69419	86815	69440	Mud	Other		Dive
IE002158_T341.1	86815	69440	End Point	End Point	Mud	Other	With macroalgae and broken shell	Dive
IE002158_T342	86995	69762	End Point	End Point	Mud	Other		Dive
IE002158_T343	87267	69750	87278	69714	Mud	Other	With macroalgae and broken shell	Dive
IE002158_T343.1	87278	69714	End Point	End Point	Mud	Other	With macroalgae	Scope
IE002158_T344	87275	69701	87263	69700	Mud	Other		Scope
IE002158_T344.1	87263	69700	End Point	End Point	Mud	Other		Dive
IE002158_T345	87522	69608	End Point	End Point	Mud	Other		Dive
IE002158_T345.1	84599	68885	84609	68924	Zostera marina Abundant	Zostera marina Abundant	With flocculent macroalgae	Scope
IE002158_T345.2	84609	68924	84645	68974	Mud	Other	Boundary with <i>Zostera marina</i>	Scope
IE002158_T345.3	84645	68974	84669	69003	Mud	Other	With broken shell	Scope
IE002158_T345.4	84669	69003	84692	69030	Mud	Other		Scope
IE002158_T345.5	84692	69030	84723	69075	Mud	Other		Scope
IE002158_T345.6	84723	69075	84636	69065	Mud	Other		Scope
IE002158_T345.7	84636	69065	84592	69044	Mud	Other		Scope
IE002158_T345.8	84592	69044	84540	69025	Mud	Other		Scope

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IE002158_T345.9	84540	69025	84524	69000	Mud	Other	With macroalgae	Scope
IE002158_T345.10	84524	69000	84519	68967	Cobbles	Other	With macroalgae	Scope
IE002158_T345.11	84519	68967	84524	68912	Broken Shell	Other	With cobble	Scope
IE002158_T345.12	84524	68912	84508	68870	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002158_T345.13	84508	68870	84481	68826	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy	Very dense Zostera marina	Scope
IE002158_T345.14	84481	68826	84451	68815	Kelp	Other		Scope
IE002158_T345.15	84451	68815	84427	68838	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T345.16	84427	68838	84413	68872	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T345.17	84413	68872	End Point	End Point	Rock	Other		Scope
IE002158_T346	84374	68927	84354	68940	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T346.1	84354	68940	84351	68955	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T346.2	84351	68955	84348	69001	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002158_T346.3	84348	69001	84339	69060	Mud	Other		Scope
IE002158_T346.4	84339	69060	84270	69073	Mud	Other	With shell and macroalgae	Scope
IE002158_T346.5	84270	69073	84189	69089	Mud	Other	With shell and macroalgae	Scope
IE002158_T346.6	84189	69089	84172	69039	Mud	Other	With broken shell	Scope
IE002158_T346.7	84172	69039	84162	68979	Mud	Other	With shell and macroalgae	Scope
IE002158_T346.8	84162	68979	84164	68939	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002158_T346.9	84164	68939	84159	68904	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002158_T346.10	84159	68904	84159	68866	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T346.11	84159	68866	84161	68836	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002158_T346.12	84161	68836	84094	68805	Mud	Other	With shell	Scope
IE002158_T346.13	84094	68805	84062	68800	Rock	Other		Scope
IE002158_T346.14	84062	68800	84008	68818	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002158_T346.15	84008	68818	83963	68837	Vision gone	Other		Scope
IE002158_T346.16	83963	68837	End Point	End Point	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T347	71543	62704	71519	62629	Kelp	Other	With macroalgae	Scope
IE002158_T347.1	71519	62629	71463	62571	Zostera marina Abundant	Zostera marina Abundant	With kelp	Scope
IE002158_T347.2	71463	62571	71465	62588	Mud	Other		Scope
IE002158_T347.3	71465	62588	71482	62599	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T347.4	71482	62599	71483	62608	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002158_T347.5	71483	62608	End Point	End Point	Kelp	Other		Scope
IE002158_T348	71641	62887	71626	62880	Rock	Other	With macroalgae	Scope
IE002158_T348.1	71626	62880	71639	62844	Mud	Other	With kelp	Scope
IE002158_T348.2	71639	62844	End Point	End Point	Muddy Sand	Other		Scope
IE002158_T349	71932	62782	71903	62966	Kelp	Other		Scope
IE002158_T349.1	71903	62966	End Point	End Point	Mud	Other	With macroalgae and Ulva sp.	Dive
IE002158_T350	71770	63145	End Point	End Point	Mud	Other	With macroalgae	Scope
IE002158_T351	71712	63207	71669	63174	Mud	Other	With macroalgae	Scope
IE002158_T351.1	71669	63174	71655	63148	Mud	Other		Scope
IE002158_T351.2	71655	63148	71646	63115	Mud	Other	With macroalgae	Scope
IE002158_T351.3	71646	63115	71632	63089	Mud	Other	With macroalgae	Scope
IE002158_T351.4	71632	63089	71621	63076	Rock	Other	With kelp	Scope
IE002158_T351.5	71621	63076	71613	63064	Kelp	Other		Scope
IE002158_T351.6	71613	63064	71605	63044	Mud	Other	With macroalgae	Scope
IE002158_T351.7	71605	63044	71583	63019	Mud	Other	With macroalgae	Scope
IE002158_T351.8	71583	63019	71565	63009	Gravel	Other		Scope

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IE002158_T351.9	71565	63009	71538	62988	Mud	Other	With macroalgae	Scope
IE002158_T351.10	71538	62988	71526	62972	Mud	Other	With macroalgae	Scope
IE002158_T351.11	71526	62972	71520	62958	Mud	Other	With broken shell	Scope
IE002158_T351.12	71520	62958	End Point	End Point	Mud	Other	With macroalgae	Scope
IE002158_T352	71930	63332	End Point	End Point	Mud	Other	With flocculent macroalgae on mud	Dive
IE002158_T353	71978	63331	End Point	End Point	Mud	Other		Dive
IE002158_T354	71962	63289	71985	63263	Mud	Other	With macroalgae	Scope
IE002158_T354.1	71985	63263	72005	63261	Mud	Other		Scope
IE002158_T354.2	72005	63261	72020	63259	Gravel	Other		Scope
IE002158_T354.3	72020	63259	72037	63256	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T354.4	72037	63256	72045	63249	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T354.5	72045	63249	72066	63251	Gravel	Other		Scope
IE002158_T354.6	72066	63251	72026	63271	Gravel	Other	With sand and broken shell	Scope
IE002158_T354.7	72026	63271	72027	63281	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T354.8	72027	63281	72031	63284	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T354.9	72031	63284	72005	63265	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T354.10	72005	63265	71993	63253	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T354.11	71993	63253	71971	63185	Gravel	Other	With broken shell	Scope
IE002158_T354.12	71971	63185	71971	63173	Cobbles	Other		Scope
IE002158_T354.13	71971	63173	71994	63168	Rock	Other		Scope
IE002158_T354.14	71994	63168	72011	63164	Sand	Other	With broken shell and weed	Scope
IE002158_T354.15	72011	63164	72037	63167	Sand	Other		Scope
IE002158_T354.16	72037	63167	72029	63144	Sand	Other	With broken shell and weed	Scope
IE002158_T354.17	72029	63144	72015	63144	Sand	Other		Scope
IE002158_T354.18	72015	63144	71997	63141	Macroalgae	Other		Scope
IE002158_T354.19	71997	63141	71984	63134	Sand	Other		Scope
IE002158_T354.20	71984	63134	71972	63125	Rock	Other		Scope
IE002158_T354.21	71972	63125	71938	63100	Sand	Other		Scope
IE002158_T354.22	71938	63100	End Point	End Point	Sand	Other		Scope
IE002158_T355	71852	63174	71862	63179	Rock	Other		Scope
IE002158_T355.1	71862	63179	71869	63185	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T355.2	71869	63185	71878	63194	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T355.3	71878	63194	71893	63199	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T355.4	71893	63199	71900	63207	Rock	Other	With kelp	Scope
IE002158_T355.5	71900	63207	71914	63205	Mud	Other		Scope
IE002158_T355.6	71914	63205	71921	63197	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T355.7	71921	63197	71931	63186	Kelp	Other		Scope
IE002158_T355.8	71931	63186	71952	63182	Sand	Other	With broken shell and weed	Scope
IE002158_T355.9	71952	63182	71954	63241	Sand	Other		Scope
IE002158_T355.10	71954	63241	71932	63256	Sand	Other	With broken shell	Scope
IE002158_T355.11	71932	63256	71907	63284	Macroalgae	Other		Scope
IE002158_T355.12	71907	63284	71903	63289	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T355.13	71903	63289	71892	63287	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T355.14	71892	63287	71881	63291	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T355.15	71881	63291	71877	63294	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T355.16	71877	63294	End Point	End Point	Mud	Other		Scope
IE002158_T356.1	71855	63279	71839	63285	Mud	Other		Scope

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IE002158_T356.2	71839	63285	71828	63290	Mud	Other		Scope
IE002158_T356.3	71828	63290	71893	63285	Mud	Other		Scope
IE002158_T356.4	71893	63285	71913	63300	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T356.5	71913	63300	End Point	End Point	Mud	Other		Scope
IE002158_T357	71896	63385	End Point	End Point	Mud	Other	With rocks	Scope
IE002158_T358	71888	63403	71880	63413	Sand	Other		Scope
IE002158_T358.1	71880	63413	71875	63426	Rock	Other		Scope
IE002158_T358.2	71875	63426	71868	63430	Broken Shell	Other		Scope
IE002158_T358.3	71868	63430	End Point	End Point	Mud	Other		Scope
IE002158_T359	71789	63429	71765	63405	Rock	Other		Scope
IE002158_T359.1	71765	63405	71750	63393	Mud	Other		Scope
IE002158_T359.2	71750	63393	71703	63379	Mud	Other		Scope
IE002158_T359.3	71703	63379	71675	63385	Mud	Other		Scope
IE002158_T359.4	71675	63385	End Point	End Point	Mud	Other		Scope
IE002158_T360	71643	63501	71681	63551	Mud	Other	With broken shell	Scope
IE002158_T360.1	71681	63551	71695	63582	Mud	Other		Scope
IE002158_T360.2	71695	63582	71718	63574	Mud	Other		Scope
IE002158_T360.3	71718	63574	71736	63585	Mud	Other		Scope
IE002158_T360.4	71736	63585	71760	63609	Mud	Other		Scope
IE002158_T360.5	71760	63609	71758	63640	Mud	Other		Scope
IE002158_T360.6	71758	63640	71733	63649	Mud	Other		Scope
IE002158_T360.7	71733	63649	End Point	End Point	Mud	Other		Scope
IE002158_T361	71680	63742	71698	63738	Kelp	Other	With macroalgae	Scope
IE002158_T361.1	71698	63738	71721	63733	Mud	Other		Scope
IE002158_T361.2	71721	63733	71722	63731	Gravel	Other		Scope
IE002158_T361.3	71722	63731	71697	63743	Gravel	Other		Scope
IE002158_T361.4	71697	63743	71674	63740	Mud	Other	With macroalgae	Scope
IE002158_T361.5	71674	63740	71641	63738	Rock	Other		Scope
IE002158_T361.6	71641	63738	71611	63740	Rock	Other		Scope
IE002158_T361.7	71611	63740	71603	63762	Rock	Other		Scope
IE002158_T361.8	71603	63762	71615	63786	Mud	Other	With macroalgae	Scope
IE002158_T361.9	71615	63786	71616	63835	Rock	Other	With macroalgae	Scope
IE002158_T361.10	71616	63835	71641	63867	Gravel	Other	With macroalgae	Scope
IE002158_T361.11	71641	63867	71652	63912	Gravel	Other	With macroalgae	Scope
IE002158_T361.12	71652	63912	71663	63944	Rock	Other	With macroalgae	Scope
IE002158_T361.13	71663	63944	71698	63959	Gravel	Other	With macroalgae	Scope
IE002158_T361.14	71698	63959	71717	63976	Sand	Other		Scope
IE002158_T361.15	71717	63976	71704	63974	Gravel	Other	With broken shell	Scope
IE002158_T361.16	71704	63974	71667	63966	Mud	Other	With broken shell	Scope
IE002158_T361.17	71667	63966	71669	63985	Rock	Other		Scope
IE002158_T361.18	71669	63985	71693	64023	Sand	Other		Scope
IE002158_T361.19	71693	64023	71726	64041	Sand	Other		Scope
IE002158_T361.20	71726	64041	71739	64053	Rock	Other	With broken shell	Scope
IE002158_T361.21	71739	64053	71747	64068	Rock	<i>Zostera marina</i> Frequent		Scope
IE002158_T361.22	71747	64068	71736	64074	Rock	Other		Scope
IE002158_T361.23	71736	64074	71722	64055	Sand	Other		Scope
IE002158_T361.24	71722	64055	71720	64077	Rock	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T361.25	71720	64077	71741	64118	Sand	Other		Scope
IE002158_T361.26	71741	64118	71762	64139	Sand	Other		Scope
IE002158_T361.27	71762	64139	71782	64162	Cobbles	Other	With macroalgae	Scope
IE002158_T361.28	71742	64142	71762	64162	Sand	Other		Scope
IE002158_T361.29	71747	64162	71745	64190	Sand	Other	With shell	Scope
IE002158_T361.30	71745	64190	71738	64208	Sand	Other	With shell	Scope
IE002158_T361.31	71738	64208	71752	64238	Sand	Other	With macroalgae	Scope
IE002158_T361.32	71752	64238	71745	64231	Gravel	Other	With shell	Scope
IE002158_T361.33	71745	64231	71717	64214	Gravel	Other		Scope
IE002158_T361.34	71717	64214	End Point	End Point	Gravel	Other		Scope
IE002158_T362.1	71520	64122	71495	64108	Sand	Other	With macroalgae	Scope
IE002158_T362.2	71495	64108	71470	64106	Kelp	Other		Scope
IE002158_T362.2	71470	64106	71433	64120	Sand	Other		Scope
IE002158_T362.3	71433	64120	71417	64123	Rock	Other		Scope
IE002158_T362.4	71417	64123	71396	64126	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002158_T362.5	71396	64126	71375	64122	Gravel	Other		Scope
IE002158_T362.6	71375	64122	71408	64124	Kelp	Other		Scope
IE002158_T362.7	71408	64124	71422	64110	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002158_T362.8	71422	64110	71424	64100	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002158_T362.9	71424	64100	71404	64073	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T362.10	71404	64073	71350	64053	Sand	Other		Scope
IE002158_T362.11	71350	64053	End Point	End Point	Rock	Other	With macroalgae	Scope
IE002158_T363	71079	63979	71066	63964	Broken Shell	Other	With coarse sand and gravel	Scope
IE002158_T363.1	71066	63964	71064	63947	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T363.2	71064	63947	71063	63936	Kelp	Other		Scope
IE002158_T363.3	71063	63936	71034	63933	Rock	Other	With macroalgae	Scope
IE002158_T363.4	71034	63933	71011	63922	Rock	Other	With macroalgae	Scope
IE002158_T363.5	71011	63922	70997	63909	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T363.6	70997	63909	70953	63902	Kelp	Other		Scope
IE002158_T363.7	70953	63902	70939	63949	Kelp	Other		Scope
IE002158_T363.8	70939	63949	70935	63967	Kelp	Other		Scope
IE002158_T363.9	70935	63967	70923	63962	Rock	Other		Scope
IE002158_T363.10	70923	63962	70922	63949	Rock	Other	With macroalgae	Scope
IE002158_T363.11	70922	63949	End Point	End Point	Sand	Other	Coarse sand and shell	Scope
IE002158_T364	70864	63969	70873	63973	Rock	Other		Scope
IE002158_T364.1	70873	63973	70881	63981	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T364.2	70881	63981	70887	63985	Gravel	Other		Scope
IE002158_T364.3	70887	63985	70899	63987	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002158_T364.4	70899	63987	70897	63988	Rock	Other		Scope
IE002158_T364.5	70897	63988	70884	64000	Rock	Other		Scope
IE002158_T364.6	70884	64000	70883	64018	Rock	Other		Scope
IE002158_T364.7	70883	64018	70891	64028	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T364.8	70891	64028	70905	64044	Gravel	Other		Scope
IE002158_T364.9	70905	64044	70898	64038	Mud	Other		Scope
IE002158_T364.10	70898	64038	70888	64021	Rock	Other		Scope
IE002158_T364.11	70888	64021	70857	63991	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T364.12	70857	63991	70836	63986	Rock	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T364.13	70836	63986	70798	64042	Rock	Other		Scope
IE002158_T364.14	70798	64042	70865	64138	Mud	Other		Scope
IE002158_T364.15	70865	64138	70911	64190	Sand	Other		Scope
IE002158_T364.16	70911	64190	70914	64195	Gravel	Other	With broken shell	Scope
IE002158_T364.17	70914	64195	70882	64172	Gravel	Other		Scope
IE002158_T364.18	70882	64172	70876	64166	Sand	Other		Scope
IE002158_T364.19	70876	64166	70848	64145	Rock	Other		Scope
IE002158_T364.20	70848	64145	70770	64051	Cobbles	Other		Scope
IE002158_T364.21	70770	64051	70759	64031	Mud	Other		Scope
IE002158_T364.22	70759	64031	End Point	End Point	Vision gone	Other		Scope
IE002158_T365	70681	63959	70646	63950	Rock	Other		Scope
IE002158_T365.1	70646	63950	70626	63950	Rock	Other		Scope
IE002158_T365.2	70626	63950	70597	63933	Rock	Other		Scope
IE002158_T365.3	70597	63933	70554	63924	Rock	Other		Scope
IE002158_T365.4	70554	63924	70507	63905	Rock	Other		Scope
IE002158_T365.5	70507	63905	70470	63871	Rock	Other		Scope
IE002158_T365.6	70470	63871	70438	63853	Rock	Other		Scope
IE002158_T365.7	70438	63853	End Point	End Point	Vision gone	Other		Scope
IE002158_T366	70427	63970	70424	63982	Rock	Other		Scope
IE002158_T366.1	70424	63982	70441	64022	Sand	Other		Scope
IE002158_T366.2	70441	64022	70453	64046	Sand	Other		Scope
IE002158_T366.3	70453	64046	70468	64081	Sand	Other		Scope
IE002158_T366.4	70468	64081	70484	64117	Sand	Other		Scope
IE002158_T366.5	70484	64117	70498	64145	Sand	Other		Scope
IE002158_T366.6	70498	64145	70523	64200	Mud	Other		Scope
IE002158_T366.7	70523	64200	70549	64252	Mud	Other		Scope
IE002158_T366.8	70549	64252	70556	64263	Gravel	Other		Scope
IE002158_T366.9	70556	64263	End Point	End Point	Mud	Other		Scope
IE002158_T367	70424	64022	70413	63994	Sand	Other		Scope
IE002158_T367.1	70413	63994	70408	63958	Rock	Other		Scope
IE002158_T367.2	70408	63958	70397	63915	Sand	Other		Scope
IE002158_T367.3	70397	63915	End Point	End Point	Sand	Other		Scope
IE002158_T368	70147	63797	70151	63810	Kelp	Other		Scope
IE002158_T368.1	70151	63810	70149	63838	Sand	Other		Scope
IE002158_T368.2	70149	63838	70154	63874	Rock	Other		Scope
IE002158_T368.3	70154	63874	70172	63908	Rock	Other		Scope
IE002158_T368.4	70172	63908	70189	63918	Rock	Other		Scope
IE002158_T368.5	70189	63918	70211	63951	Rock	Other		Scope
IE002158_T368.6	70211	63951	End Point	End Point	Vision gone	Other		Scope
IE002158_T369	70216	63978	End Point	End Point	Broken Shell	Other		Dive
IE002158_T369.1	70294	64157	70338	64222	Broken Shell	Other		Scope
IE002158_T369.2	70338	64222	70366	64251	Mud	Other		Scope
IE002158_T369.3	70366	64251	70391	64261	Mud	Other		Scope
IE002158_T369.4	70391	64261	70405	64251	Rock	Other		Scope
IE002158_T369.5	70405	64251	70407	64236	Mud	Other		Scope
IE002158_T369.6	70407	64236	70443	64240	Mud	Other		Scope
IE002158_T369.7	70443	64240	70487	64290	Mud	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T369.8	70487	64290	70539	64388	Mud	Other		Scope
IE002158_T369.9	70539	64388	70501	64443	Mud	Other		Scope
IE002158_T369.10	70501	64443	70430	64433	Mud	Other		Scope
IE002158_T369.11	70430	64433	70372	64405	Mud	Other		Scope
IE002158_T369.12	70372	64405	70329	64346	Mud	Other		Scope
IE002158_T369.13	70329	64346	70268	64219	Mud	Other		Scope
IE002158_T369.14	70268	64219	70190	64119	Mud	Other		Scope
IE002158_T369.15	70190	64119	End Point	End Point	Mud	Other		Scope
IE002158_T370	69315	62131	69281	62024	Maerl Living and Dead	Maerl Living and Dead	20 percent cpver of 70 percent living and 30 percent dead maerl	Dive
IE002158_T370.1	69281	62024	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	5 percent cover of 70 percent living and 30 percent dead maerl	Dive
IE002158_T371	69267	61945	End Point	End Point	Kelp	Other		Dive
IE002158_T372	69350	62007	69372	62085	Kelp	Other		Scope
IE002158_T372.1	69372	62085	69350	62173	Kelp	Other		Scope
IE002158_T372.2	69350	62173	69327	62184	Kelp	Other		Scope
IE002158_T372.3	69327	62184	End Point	End Point	Kelp	Other		Scope
IE002158_T373	69302	62225	69264	62327	Kelp	Other		Dive
IE002158_T373.1	69264	62327	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 20 percent living and 80 percent dead maerl	Dive
IE002158_T374	69114	61936	68999	61859	Gravel	Other	With macroalgae	Dive
IE002158_T374.1	68999	61859	End Point	End Point	Cobbles	Other	With rock and macroalgae	Dive
IE002158_T375	69153	61950	69210	61948	Maerl Living and Dead	Maerl Living and Dead	100 percent cover of 80 percent dead 20 percent living maerl	Dive
IE002158_T375.1	69210	61948	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	50 percent cover of 50 percent live and 50 percent dead maerl with broken shell	Dive
IE002158_T376	69135	62047	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	50 percent cover of 20 percent live and 80 percent dead maerl	Dive
IE002158_T377	63594	61477	63600	61497	Gravel	Other	With macroalgae	Scope
IE002158_T377.1	63600	61497	63613	61522	Gravel	Other		Scope
IE002158_T377.2	63613	61522	63623	61533	Gravel	Other		Scope
IE002158_T377.3	63623	61533	63631	61539	Gravel	Other		Scope
IE002158_T377.4	63631	61539	63639	61546	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T377.5	63639	61546	63642	61551	Rock	Other		Scope
IE002158_T377.6	63642	61551	63646	61557	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T377.7	63646	61557	63652	61562	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002158_T377.8	63652	61562	63650	61572	Gravel	Other		Scope
IE002158_T377.9	63650	61572	63637	61557	Sand	Other		Scope
IE002158_T377.10	63637	61557	63627	61548	Sand	Other		Scope
IE002158_T377.11	63627	61548	63621	61546	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T377.12	63621	61546	63618	61542	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T377.13	63618	61542	63613	61539	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T377.14	63613	61539	63612	61538	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T377.15	63612	61538	63607	61516	Sand	Other	With macroalgae and kelp	Scope
IE002158_T377.16	63607	61516	63587	61482	Sand	Other	With gravel	Scope
IE002158_T377.17	63587	61482	63580	61419	Gravel	Other		Scope
IE002158_T377.18	63580	61419	63573	61401	Sand	Other		Scope
IE002158_T377.19	63573	61401	End Point	End Point	Kelp	Other		Scope
IE002158_T378	61427	59558	End Point	End Point	Kelp	Other		Scope
IE002158_T379	61168	59495	61168	59490	Kelp	Other		Dive
IE002158_T379.1	61168	59490	61123	59480	Kelp	Other		Scope
IE002158_T379.2	61123	59480	61109	59478	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T379.3	61109	59478	61093	59479	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T379.4	61093	59479	61077	59473	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.5	61077	59473	61071	59468	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.6	61071	59468	61045	59459	Sand	Other		Scope
IE002158_T379.7	61045	59459	61027	59463	Macroalgae	Other		Scope
IE002158_T379.8	61027	59463	61016	59464	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002158_T379.9	61016	59464	60995	59460	Sand	Other		Scope
IE002158_T379.10	60995	59460	60972	59463	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.11	60972	59457	60958	59457	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T379.12	60958	59457	60943	59459	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T379.13	60943	59459	60931	59459	Kelp	Other		Scope
IE002158_T379.14	60931	59459	60922	59457	Sand	Other		Scope
IE002158_T379.15	60922	59457	60907	59455	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.16	60907	59455	60895	59456	Sand	Other		Scope
IE002158_T379.17	60895	59456	60880	59455	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.18	60880	59455	60854	59454	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.19	60854	59454	60825	59456	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.20	60825	59456	60820	59488	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.21	60820	59488	60803	59490	Sand	Other		Scope
IE002158_T379.22	60803	59490	60792	59468	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.23	60792	59468	60792	59446	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.24	60792	59446	60803	59413	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.25	60803	59413	60802	59396	Kelp	Other		Scope
IE002158_T379.26	60802	59396	60798	59392	Kelp	Other		Scope
IE002158_T379.27	60798	59392	60782	59401	Kelp	Other		Scope
IE002158_T379.28	60782	59401	60769	59416	Sand	Other		Scope
IE002158_T379.29	60769	59416	60763	59442	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.30	60763	59442	60757	59469	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.31	60757	59469	60755	59510	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.32	60755	59510	60736	59527	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.33	60736	59527	60707	59522	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.34	60707	59522	60694	59493	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.35	60694	59493	60687	59472	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002158_T379.36	60687	59472	60685	59458	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.37	60685	59458	60688	59424	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.38	60688	59424	60692	59387	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T379.39	60692	59387	60692	59361	Kelp	Other		Scope
IE002158_T379.40	60692	59361	60681	59325	Kelp	Other		Scope
IE002158_T379.41	60681	59325	60675	59309	Sand	Other		Scope
IE002158_T379.42	60675	59309	60654	59303	Kelp	Other		Scope
IE002158_T379.43	60654	59303	60643	59315	Kelp	Other		Scope
IE002158_T379.44	60643	59315	60637	59326	Sand	Other		Scope
IE002158_T379.45	60637	59326	60630	59350	Kelp	Other		Scope
IE002158_T379.46	60630	59350	60632	59374	Kelp	Other		Scope
IE002158_T379.47	60632	59374	60634	59387	Sand	Other		Scope
IE002158_T379.48	60634	59387	60641	59390	Kelp	Other		Scope
IE002158_T379.49	60641	59390	60629	59372	Kelp	Other		Scope
IE002158_T379.50	60629	59372	End Point	End Point	Sand	Other	With macroalgae	Scope

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IE002158_T380	60417	59351	60410	59398	Kelp	Other		Scope
IE002158_T380.1	60410	59398	60422	59432	Kelp	Other		Scope
IE002158_T380.2	60422	59432	60437	59481	Kelp	Other		Scope
IE002158_T380.3	60437	59481	60454	59496	Kelp	Other		Scope
IE002158_T380.4	60454	59496	60472	59509	Kelp	Other		Scope
IE002158_T380.5	60472	59509	60459	59517	Kelp	Other		Scope
IE002158_T380.6	60459	59517	60415	59497	Sand	Other		Scope
IE002158_T380.7	60415	59497	60382	59505	Kelp	Other		Scope
IE002158_T380.8	60382	59505	60367	59545	Kelp	Other		Scope
IE002158_T380.9	60367	59545	60398	59596	Vision gone	Other		Scope
IE002158_T380.10	60398	59596	60405	59624	Sand	Other		Scope
IE002158_T380.11	60405	59624	60336	59674	Sand	Other		Scope
IE002158_T380.12	60336	59674	60288	59668	Sand	Other		Scope
IE002158_T380.13	60288	59668	60255	59657	Sand	Other		Scope
IE002158_T380.14	60255	59657	60232	59652	Kelp	Other		Scope
IE002158_T380.15	60232	59652	60163	59648	Sand	Other		Scope
IE002158_T380.16	60163	59648	60092	59652	Sand	Other		Scope
IE002158_T380.17	60092	59652	60043	59657	Sand	Other		Scope
IE002158_T380.18	60043	59657	59944	59944	Vision gone	Other		Scope
IE002158_T380.19	59944	59651	59870	59657	Vision gone	Other		Scope
IE002158_T380.20	59870	59657	59850	59649	Kelp	Other		Scope
IE002158_T380.21	59850	59649	59824	59662	Kelp	Other		Scope
IE002158_T380.22	59824	59662	59797	59667	Sand	Other		Scope
IE002158_T380.23	59797	59667	59768	59641	Kelp	Other		Scope
IE002158_T380.24	59768	59641	End Point	End Point	Kelp	Other		Scope
IE002158_T381	59520	59691	59509	59701	Rock	Other		Scope
IE002158_T381.1	59509	59701	59502	59717	Sand	Other		Scope
IE002158_T381.2	59502	59717	59498	59730	Kelp	Other		Scope
IE002158_T381.3	59498	59730	59502	59754	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T381.4	59502	59754	59516	59774	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T381.5	59516	59774	59517	59791	Kelp	Other		Scope
IE002158_T381.6	59517	59791	59523	59810	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T381.7	59523	59810	59545	59824	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T381.8	59545	59824	59562	59839	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T381.9	59562	59839	59566	59853	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002158_T381.10	59566	59853	59566	59869	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T381.11	59566	59869	59584	59880	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T381.12	59584	59880	59603	59881	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T381.13	59603	59881	59592	59898	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T381.14	59592	59898	59589	59908	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T381.15	59589	59908	59569	59917	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002158_T381.16	59569	59917	59563	59928	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T381.17	59563	59928	59527	59921	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T381.18	59527	59921	59480	59890	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002158_T381.19	59480	59890	59475	59877	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002158_T381.20	59475	59877	59468	59864	Macroalgae	Other		Scope
IE002158_T381.21	59468	59864	59454	59854	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T381.22	59454	59854	59441	59855	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T381.23	59441	59855	59404	59862	Macroalgae	Other		Scope
IE002158_T381.24	59404	59862	59381	59850	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy	With macroalgae	Scope
IE002158_T381.25	59381	59850	59366	59858	Zostera marina Occasional Patchy	Other		Scope
IE002158_T381.26	59366	59858	59359	59871	Macroalgae	Other		Scope
IE002158_T381.27	59359	59871	59368	59900	Macroalgae	Other		Scope
IE002158_T381.28	59368	59900	59381	59919	Macroalgae	Other		Scope
IE002158_T381.29	59381	59919	59390	59948	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T381.30	59390	59948	59396	59952	Zostera marina Occasional	Other		Scope
IE002158_T381.31	59396	59952	59404	59959	Macroalgae	Other		Scope
IE002158_T381.32	59404	59959	59397	59965	Macroalgae	Other		Scope
IE002158_T381.33	59397	59965	59390	59961	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T381.34	59390	59961	59366	59923	Sand	Other		Scope
IE002158_T381.35	59366	59923	59360	59899	Sand	Other		Scope
IE002158_T381.36	59360	59899	59355	59878	Macroalgae	Other		Scope
IE002158_T381.37	59355	59878	59348	59853	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T381.38	59348	59853	59345	59839	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T381.39	59345	59839	59354	59813	Macroalgae	Other		Scope
IE002158_T381.40	59354	59813	59362	59794	Sand	Other		Scope
IE002158_T381.41	59362	59794	59366	59762	Sand	Other		Scope
IE002158_T381.42	59366	59762	59333	59699	Sand	Other		Scope
IE002158_T381.43	59333	59699	59331	59654	Sand	Other		Scope
IE002158_T381.44	59331	59654	End Point	End Point	Kelp	Other		Scope
IE002158_T382	59106	59503	59089	59531	Kelp	Other		Scope
IE002158_T382.1	59089	59531	59080	59549	Kelp	Other		Scope
IE002158_T382.2	59080	59549	59075	59569	Kelp	Other		Scope
IE002158_T382.3	59075	59569	59074	59579	Kelp	Other		Scope
IE002158_T382.4	59074	59579	59072	59562	Kelp	Other		Scope
IE002158_T382.5	59072	59562	59053	59496	Kelp	Other		Scope
IE002158_T382.6	59053	59496	59067	59462	Kelp	Other		Scope
IE002158_T382.7	59067	59462	59083	59452	Kelp	Other		Scope
IE002158_T382.8	59083	59452	End Point	End Point	Kelp	Other		Scope
IE002158_T383	58425	58870	58385	58852	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T383.1	58385	58852	58360	58785	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T383.2	58360	58785	58352	58759	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T383.3	58352	58759	58355	58724	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T383.4	58355	58724	58380	58736	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T383.5	58380	58736	58408	58743	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T383.6	58408	58743	58424	58781	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T383.7	58424	58781	58410	58813	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T383.8	58410	58813	58393	58852	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T383.9	58393	58852	58363	58861	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T383.10	58363	58861	58339	58860	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T383.11	58339	58860	58347	58892	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T383.12	58347	58892	58337	58904	Kelp	Other		Scope
IE002158_T383.13	58337	58904	58316	58877	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T383.14	58316	58877	58291	58827	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T383.15	58291	58827	58283	58784	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T383.16	58283	58784	58295	58775	Sand	Other		Scope
IE002158_T383.17	58295	58775	58311	58782	Sand	Other		Scope
IE002158_T383.18	58311	58782	58340	58822	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T383.19	58340	58822	58348	58868	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T383.20	58348	58868	58362	58875	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002158_T383.21	58362	58875	58386	58885	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T383.22	58386	58885	58417	58899	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T383.23	58417	58899	58434	58907	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T383.24	58434	58907	58462	58920	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T383.25	58462	58920	58492	58932	Macroalgae	Other		Scope
IE002158_T383.26	58492	58932	58498	58933	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T383.27	58498	58933	58522	58937	Kelp	Other		Scope
IE002158_T383.28	58522	58937	58538	58936	Sand	Other		Scope
IE002158_T383.29	58538	58936	58546	58935	Kelp	Other		Scope
IE002158_T383.30	58546	58935	58553	58928	Sand	Other		Scope
IE002158_T383.31	58553	58928	End Point	End Point	Kelp	Other		Scope
IE002158_T384	58548	58839	58513	58800	Kelp	Other		Dive
IE002158_T384.1	58513	58800	58500	58785	Kelp	Other		Dive
IE002158_T384.2	58500	58785	End Point	End Point	Kelp	Other		Dive
IE002158_T385	58471	58788	58444	58801	Kelp	Other		Scope
IE002158_T385.1	58444	58801	58423	58804	Kelp	Other		Scope
IE002158_T385.2	58423	58804	End Point	End Point	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002158_T386	58340	58934	58348	58948	Kelp	Other		Scope
IE002158_T386.1	58348	58948	58360	58965	Rock	Other		Scope
IE002158_T386.2	58360	58965	58360	58990	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T386.3	58360	58990	58363	59009	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002158_T386.4	58363	59009	58364	59029	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002158_T386.5	58364	59029	58370	59045	Zostera marina Rare	Zostera marina Rare		Scope
IE002158_T386.6	58370	59045	58373	59065	Sand	Other		Scope
IE002158_T386.7	58373	59065	58360	59055	Sand	Other		Scope
IE002158_T386.8	58360	59055	58363	59037	Macroalgae	Other		Scope
IE002158_T386.9	58363	59037	58393	59025	Sand	Other		Scope
IE002158_T386.10	58393	59025	58411	59007	Sand	Other		Scope
IE002158_T386.11	58411	59007	58401	58994	Sand	Other		Scope
IE002158_T386.12	58401	58994	58407	59010	Kelp	Other		Scope
IE002158_T386.13	58407	59010	58425	59016	Sand	Other		Scope
IE002158_T386.14	58425	59016	58455	58997	Sand	Other		Scope
IE002158_T386.15	58455	58997	58462	58973	Kelp	Other		Scope
IE002158_T386.16	58462	58973	58492	58959	Sand	Other		Scope
IE002158_T386.17	58492	58959	58474	58988	Sand	Other		Scope
IE002158_T386.18	58474	58988	58480	59026	Kelp	Other		Scope
IE002158_T386.19	58480	59026	58473	59051	Kelp	Other		Scope
IE002158_T386.20	58473	59051	58472	59058	Kelp	Other		Scope
IE002158_T386.21	58472	59058	58481	59105	Sand	Other		Scope
IE002158_T386.22	58481	59105	58461	59121	Kelp	Other		Scope
IE002158_T386.23	58461	59121	58452	59132	Macroalgae	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T386.24	58452	59132	End Point	End Point	Macroalgae	Other		Scope
IE002158_T387	58563	59200	58536	59238	Macroalgae	Other		Scope
IE002158_T387.1	58536	59238	58514	59265	Macroalgae	Other		Scope
IE002158_T387.2	58514	59265	58491	59283	Macroalgae	Other		Scope
IE002158_T387.3	58491	59283	58448	59319	Sand	Other		Scope
IE002158_T387.4	58448	59319	58349	59300	Sand	Other	With macroalgae	Scope
IE002158_T387.5	58349	59300	58294	59279	Sand	Other		Scope
IE002158_T387.6	58294	59279	58242	59284	Sand	Other		Scope
IE002158_T387.7	58242	59284	58199	59292	Sand	Other		Scope
IE002158_T387.8	58199	59292	58111	59289	Mud	Other		Scope
IE002158_T387.9	58111	59289	58060	59287	Mud	Other		Scope
IE002158_T387.10	58060	59287	57960	59297	Mud	Other		Scope
IE002158_T387.11	57960	59297	58006	59358	Mud	Other		Scope
IE002158_T387.12	58006	59358	58031	59382	Mud	Other		Scope
IE002158_T387.13	58031	59382	58088	59408	Mud	Other		Scope
IE002158_T387.14	58088	59408	58161	59427	Mud	Other		Scope
IE002158_T387.15	58161	59427	End Point	End Point	Mud	Other		Scope
IE002158_T388	58525	59447	58538	59507	Sand	Other		Scope
IE002158_T388.1	58538	59507	58538	59540	Sand	Other		Scope
IE002158_T388.2	58477	59540	58541	59576	Sand	Other		Scope
IE002158_T388.3	58541	59576	58544	59644	Sand	Other		Scope
IE002158_T388.4	58544	59644	End Point	End Point	Sand	Other		Scope
IE002158_T389	58578	59507	58578	59532	Sand	Other		Scope
IE002158_T389.1	58657	59532	58686	59546	Sand	Other	With macroalgae	Scope
IE002158_T389.2	58686	59546	58703	59526	Sand	Other	With macroalgae	Scope
IE002158_T389.3	58703	59526	End Point	End Point	Sand	Other		Scope
IE002158_T390	69946	62374	69990	62401	<i>Pachycerianthus multiplicatus</i>	Other		Dive
IE002158_T390.1	69990	62401	End Point	End Point	Mud	Other		Dive
IE002158_T391	70228	62560	70168	62560	Mud	Other		Dive
IE002158_T391.1	70168	62560	70197	62557	Mud	Other	Stills photography and video recorded at this position. 3 Individuals, Dive 1	Dive
IE002158_T391.2	70197	62557	End Point	End Point	<i>Pachycerianthus multiplicatus</i>	<i>Pachycerianthus multiplicatus</i>		Dive
IE002158_T392	70462	62540	70292	62681	Mud	Other		Dive
IE002158_T392.1	70292	62681	End Point	End Point	Gravel	Other	With cobble and <i>Pecten maximus</i>	Dive
IE002158_T393	70206	62364	End Point	End Point	<i>Pachycerianthus multiplicatus</i>	<i>Pachycerianthus multiplicatus</i>	One <i>Pachycerianthus multiplicatus</i> seen at the start of the dive. Boundary is here.	Dive
IE002158_T394	69992	62582	70227	62424	Mud	Other	With gravel. Dredge marks present.	Dive
IE002158_T394.1	70227	62424	End Point	End Point	<i>Pachycerianthus multiplicatus</i>	<i>Pachycerianthus multiplicatus</i>		Dive
IE002158_T395	70229	62260	End Point	End Point	Sand	Other		Dive
IE002158_T396	70535	62079	70522	62338	Sand	Other		Dive
IE002158_T396.1	70522	62338	End Point	End Point	Rock	Other	Reef	Dive
IE002158_T397	70696	61255	70762	61348	Mud	Other	<i>Amphipura</i> on mud (45 meters deep)	Video
IE002158_T397.1	70762	61348	End Point	End Point	Mud	Other	Mud with <i>Amphipura sp.</i> abundant	Video
IE002158_T398	71697	60928	71708	60955	Mud	Other		Video
IE002158_T398.1	71708	60955	End Point	End Point	Mud	Other	With <i>Cerianthus lloydi</i> occasional and <i>Ophiotrix fragilis</i> occasional	Video
IE002158_T399	73516	62376	73501	62445	<i>Virgularia mirabilis</i> Occasional	<i>Virgularia mirabilis</i> Occasional		Video
IE002158_T399.1	73501	62445	End Point	End Point	<i>Virgularia mirabilis</i> Frequent	<i>Virgularia mirabilis</i> Frequent		Video

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002158_T400	75004	63745	75032	63820	Virgularia mirabilis Frequent	Virgularia mirabilis Frequent		Video
IE002158_T400.1	75032	63820	End Point	End Point	Virgularia mirabilis Frequent	Virgularia mirabilis Frequent		Video
IE002158_T401	76487	63301	76494	63345	Rock	Other		Video
IE002158_T401.1	76494	63301	76513	63425	Mud	Other	With <i>Cerianthus lloydii</i> frequent	Video
IE002158_T401.2	76513	63425	76529	63465	Virgularia mirabilis Frequent	Virgularia mirabilis Frequent		Video
IE002158_T401.3	76529	63465	End Point	End Point	Virgularia mirabilis Frequent	Virgularia mirabilis Frequent	Occasional <i>Pecten maximus</i>	Video
IE002158_T402	73693	60106	73646	60214	Mud	Other		Dive
IE002158_T402.1	73646	60214	End Point	End Point	<i>Pachycerianthus multiplicatus</i>	<i>Pachycerianthus multiplicatus</i>	<i>Pachycerianthus multiplicatus</i> (6 individuals) <i>Swiftia pallida</i>	Dive
IE002158_T403	73809	60286	73647	60265	Mud	Other		Dive
IE002158_T403.1	73647	60265	End Point	End Point	<i>Pachycerianthus multiplicatus</i>	<i>Pachycerianthus multiplicatus</i>		Dive
IE002158_T404	73539	60201	73511	60230	<i>Pachycerianthus multiplicatus</i>	<i>Pachycerianthus multiplicatus</i>		Dive
IE002158_T404.1	73511	60230	End Point	End Point	<i>Pachycerianthus multiplicatus</i>	<i>Pachycerianthus multiplicatus</i>		Dive
IE002158_T405	73547	60365	73574	60264	Mud	Other		Dive
IE002158_T405.1	73574	60264	End Point	End Point	Mud	Other		Dive
IE002158_T406	73982	60305	End Point	End Point	Maerl	Maerl	Stills photography and video recorded at this position. Dive 2	Dive
IE002158_T407	69276	62334	End Point	End Point	Maerl	Maerl	Stills photography and video recorded at this position. Dive 3	Dive
IE002158_T408	64664	53013	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 4	Dive
IE002158_T409	67814	56764	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 5	Dive
IE002158_T410	71270	57972	End Point	End Point	Maerl	Maerl	Stills photography and video recorded at this position. Dive 6	Dive
IE002158_T411	71729	58229	End Point	End Point	Maerl	Maerl	Stills photography and video recorded at this position. Dive 7	Dive
IE002158_T412	71067	57820	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 8	Dive
IE002158_T413	61026	59459	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 9	Dive
IE002158_T414	58351	58763	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 10	Dive
IE002158_T415	63635	61549	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 11	Dive
IE002158_T416	66178	62403	End Point	End Point	Maerl	Maerl	Stills photography and video recorded at this position. Dive 12	Dive
IE002158_T417	71905	63282	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 13	Dive
IE002158_T418	74106	64777	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 14	Dive
IE002158_T419	76662	65942	End Point	End Point	Sand	Other		Scope
IE002158_T420	83403	68679	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 15	Scope
IE002158_T421	83417	68356	End Point	End Point	Maerl Living	Maerl Living	30 percent cover of living maerl (boundary)	Dive
IE002158_T422	83745	68586	83748	68590	Maerl	Maerl		Dive
IE002158_T422.1	83748	68590	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	30 percent cover of 80 percent living and 20 percent dead. Boundary with mud 50m to south	Dive
IE002158_T423	83955	68615	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	80 percent cover of 80 percent dead 20 percent living maerl. Boundary.	Dive
IE002158_T424	84286	68604	End Point	End Point	Maerl Living and Dead	Maerl Living and Dead	40 percent cover of 50 percent living and 50 percent dead maerl in bands with sand	Dive
IE002158_T425	84478	68531	84512	68523	Maerl Living and Dead	Maerl Living and Dead	30 percent cover of 80 percent living and 20 percent dead maerl with flocculent macroalgae	Dive
IE002158_T425.2	84512	68523	End Point	End Point	Mud	Other		Dive
IE002158_T426	84263	68159	End Point	End Point	Rock	Other		Dive
IE002158_T427	85105	67871	End Point	End Point	<i>Virgularia mirabilis</i> Occasional	<i>Virgularia mirabilis</i> Occasional	With kelp	Dive
IE002070_T1	62003	119550	62094	119505	Kelp	Other	Stills photography and video recorded at this position. Dive 16	Scope
IE002070_T1.1	62094	119505	62189	119485	Kelp	Other		Scope
IE002070_T1.2	62189	119485	62233	119465	Kelp	Other		Scope
IE002070_T1.3	62233	119465	62257	119455	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T1.4	62257	119455	62288	119447	Kelp	Other		Scope
IE002070_T1.5	62288	119447	62315	119441	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T1.6	62315	119441	62361	119415	Kelp	Other		Scope
IE002070_T1.7	62361	119415	62417	119390	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With kelp	Scope
IE002070_T1.8	62417	119390	62436	119383	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002070_T1.9	62436	119383	62422	119371	Sand	Other		Scope
IE002070_T1.10	62422	119371	62382	119420	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T1.11	62382	119420	62358	119447	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T1.12	62358	119447	62308	119524	Kelp	Other		Scope
IE002070_T1.13	62308	119524	62268	119582	Kelp	Other		Scope
IE002070_T1.14	62268	119582	62129	119667	Kelp	Other		Scope
IE002070_T1.15	62129	119667	62088	119664	Sand	Other		Scope
IE002070_T1.16	62088	119664	62002	119598	Kelp	Other	With macroalgae	Scope
IE002070_T1.17	62002	119598	62017	119554	Sand	Other		Scope
IE002070_T1.18	62017	119554	62088	119471	Kelp	Other	With macroalgae	Scope
IE002070_T1.19	62088	119471	62159	119400	Kelp	Other		Scope
IE002070_T1.20	62159	119400	62246	119318	Sand	Other		Scope
IE002070_T1.21	62246	119318	62315	119254	Sand	Other		Scope
IE002070_T1.22	62315	119254	62207	119171	Sand	Other		Scope
IE002070_T1.23	62207	119171	62170	119170	Sand	Other	With macroalgae	Scope
IE002070_T1.24	62170	119170	62130	119111	Sand	Other		Scope
IE002070_T1.25	62130	119111	62096	119083	Sand	Other		Scope
IE002070_T1.26	62096	119083	62049	119070	Sand	Other	With macroalgae	Scope
IE002070_T1.27	62049	119070	62017	119068	Sand	Other		Scope
IE002070_T1.28	62017	119068	62007	119066	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002070_T1.29	62007	119066	61969	119067	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T1.30	61969	119067	61873	119058	Sand	Other		Scope
IE002070_T1.31	61873	119058	61800	119063	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T1.32	61800	119063	61678	119094	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T1.33	61678	119094	61638	119107	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T1.34	61638	119107	61604	119123	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T1.35	61604	119123	61578	119136	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE002070_T1.36	61578	119136	61534	119169	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T1.37	61534	119169	61512	119189	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002070_T1.38	61512	119189	61496	119197	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002070_T1.39	61496	119197	61486	119158	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002070_T1.40	61486	119158	61488	119131	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T1.41	61488	119131	61478	119121	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002070_T1.42	61478	119121	61471	119116	Sand	Other		Scope
IE002070_T1.43	61471	119116	61468	119135	Rock	Other		Scope
IE002070_T1.44	61468	119135	61441	119171	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T1.45	61441	119171	61429	119189	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T1.46	61429	119189	61405	119224	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002070_T1.47	61405	119224	61398	119236	Sand	Other		Scope
IE002070_T1.48	61398	119236	61387	119259	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T1.49	61387	119259	61369	119289	Sand	Other		Scope
IE002070_T1.50	61369	119289	61353	119310	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T1.51	61353	119310	61343	119334	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T1.52	61340	119334	61340	119350	Sand	Other		Scope
IE002070_T1.53	61340	119350	61329	119396	Zostera marina Rare	Zostera marina Rare		Scope
IE002070_T1.54	61339	119396	61329	119451	Sand	Other		Scope
IE002070_T1.55	61339	119451	61387	119465	Sand	Other		Scope
IE002070_T1.56	61387	119465	61430	119440	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With macroalgae	Scope
IE002070_T1.57	61430	119440	61409	119374	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With kelp	Scope
IE002070_T1.58	61409	119374	61405	119356	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T1.59	61405	119356	61401	119319	Sand	Other		Scope
IE002070_T1.60	61401	119319	61444	119289	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002070_T1.61	61444	119289	61504	119258	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T1.62	61504	119258	61527	119252	Sand	Other		Scope
IE002070_T1.63	61527	119252	61580	119240	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T1.64	61580	119240	61664	119234	Zostera marina Rare	Zostera marina Rare		Scope
IE002070_T1.65	61664	119234	61708	119234	Zostera marina Rare	Zostera marina Rare		Scope
IE002070_T1.66	61708	119234	61768	119239	Zostera marina Rare	Zostera marina Rare		Scope
IE002070_T1.67	61768	119239	61808	119241	Sand	Other		Scope
IE002070_T1.68	61808	119241	61916	119263	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T1.69	61916	119263	61941	119275	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T1.70	61941	119275	62003	119297	Macroalgae	Other		Scope
IE002070_T1.71	62003	119297	62064	119304	Sand	Other		Scope
IE002070_T1.72	62064	119304	62116	119307	Macroalgae	Other		Scope
IE002070_T1.73	62116	119307	62139	119296	Sand	Other		Scope
IE002070_T1.74	62139	119296	62180	119315	Sand	Other		Scope
IE002070_T1.75	62180	119315	62180	119375	Sand	Other	With macroalgae and cobble	Scope
IE002070_T1.76	62180	119375	62163	119396	Sand	Other		Scope
IE002070_T1.77	62163	119396	62099	119414	Sand	Other	With gravel	Scope
IE002070_T1.78	62099	119414	62003	119425	Sand	Other		Scope
IE002070_T1.79	62003	119425	61930	119426	Kelp	Other		Scope
IE002070_T1.80	61930	119426	61856	119432	Kelp	Other		Scope
IE002070_T1.81	61856	119432	61780	119435	Kelp	Other		Scope
IE002070_T1.82	61780	119435	61751	119437	Sand	Other		Scope
IE002070_T1.83	61751	119437	61721	119438	Sand	Other		Scope
IE002070_T1.84	61721	119438	61661	119442	Sand	Other		Scope
IE002070_T1.85	61661	119442	61620	119442	Zostera marina Rare	Zostera marina Rare		Scope
IE002070_T1.86	61620	119442	61564	119447	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T1.87	61564	119447	61510	119466	Sand	Other		Scope
IE002070_T1.88	61510	119466	61480	119474	Sand	Other		Scope
IE002070_T1.89	61480	119474	61467	119474	Sand	Other		Scope
IE002070_T1.90	61467	119474	61443	119486	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T1.91	61443	119486	61422	119501	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T1.92	61422	119501	61396	119511	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T1.93	61396	119511	61378	119509	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T1.94	61378	119509	61361	119492	Sand	Other		Scope
IE002070_T1.95	61361	119492	61356	119479	Zostera marina Rare	Zostera marina Rare		Scope
IE002070_T1.96	61356	119479	61371	119457	Sand	Other		Scope
IE002070_T1.97	61371	119457	61390	119459	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T1.98	61390	119459	61476	119489	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T1.99	61476	119489	61467	119528	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With kelp	Scope
IE002070_T1.100	61467	119528	61454	119553	Kelp	Other		Scope
IE002070_T1.101	61454	119553	61519	119562	Kelp	Other		Scope
IE002070_T1.102	61519	119562	61560	119561	Kelp	Other		Scope
IE002070_T1.103	61560	119561	61670	119563	Sand	Other	With gravel and macroalgae	Scope
IE002070_T1.104	61670	119563	61692	119564	Sand	Other		Scope
IE002070_T1.106	61692	119564	61770	119554	Sand	Other	With gravel and macroalgae	Scope
IE002070_T1.107	61770	119554	61839	119547	Sand	Other		Scope
IE002070_T1.108	61839	119547	61879	119555	Sand	Other		Scope
IE002070_T1.109	61879	119555	61909	119562	Kelp	Other		Scope
IE002070_T2	61909	119562	End Point	End Point	Kelp	Other		Scope
IE002070_T2	62049	120000	62086	120135	Kelp	Other		Scope
IE002070_T2.1	62086	120135	62170	120337	Kelp	Other		Scope
IE002070_T2.2	62170	120337	62219	120399	Kelp	Other		Scope
IE002070_T2.3	62219	120399	End Point	End Point	Vision gone	Other		Scope
IE002070_T3	62515	121120	62506	121164	Kelp	Other	With sand	Scope
IE002070_T3.1	62506	121164	62496	121283	Kelp	Other		Scope
IE002070_T3.2	62496	121283	62520	121342	Kelp	Other		Scope
IE002070_T3.3	62520	121342	62532	121421	Kelp	Other		Scope
IE002070_T3.4	62532	121421	62529	121488	Kelp	Other	With sand	Scope
IE002070_T3.5	62529	121488	62529	121505	Sand	Other		Scope
IE002070_T3.6	62529	121505	62528	121522	Kelp	Other		Scope
IE002070_T3.7	62532	121522	62528	121541	Sand	Other		Scope
IE002070_T3.8	62528	121541	62507	121549	Kelp	Other		Scope
IE002070_T3.9	62507	121549	62481	121534	Kelp	Other		Scope
IE002070_T3.10	62481	121534	62472	121513	Sand	Other		Scope
IE002070_T3.11	62472	121513	62466	121498	Kelp	Other		Scope
IE002070_T3.12	62466	121498	62459	121485	Sand	Other		Scope
IE002070_T3.13	62459	121485	62451	121468	Kelp	Other		Scope
IE002070_T3.14	62451	121468	62432	121414	Kelp	Other		Scope
IE002070_T3.15	62432	121414	62423	121394	Sand	Other		Scope
IE002070_T3.16	62423	121394	62414	121317	Kelp	Other		Scope
IE002070_T3.17	62414	121317	End Point	End Point	Sand	Other	With gravel	Scope
IE002070_T4	63339	120203	63320	120163	Sand	Other		Scope
IE002070_T4.1	63320	120163	63298	120111	Kelp	Other		Scope
IE002070_T4.2	63298	120111	63273	120061	Kelp	Other		Scope
IE002070_T4.3	63273	120061	63252	120034	Kelp	Other		Scope
IE002070_T4.4	63252	120034	63231	120013	Kelp	Other		Scope
IE002070_T4.5	63231	120013	63177	119933	Kelp	Other		Scope
IE002070_T4.6	63177	119933	63149	119866	Kelp	Other		Scope
IE002070_T4.7	63149	119866	63124	119824	Zostera marina Frequent	Zostera marina Frequent		Scope
IE002070_T4.8	63124	119824	63097	119789	Zostera marina Abundant	Zostera marina Abundant		Scope
IE002070_T4.9	63097	119789	63080	119760	Sand	Other		Scope
IE002070_T4.10	63080	119760	63058	119711	Sand	Other		Scope
IE002070_T4.11	63058	119711	63095	119678	Sand	Other		Scope
IE002070_T4.12	63095	119678	63130	119659	Sand	Other		Scope

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IE002070_T4.13	63130	119659	63200	119653	Mud	Other		Scope
IE002070_T4.14	63200	119653	63246	119629	Sand	Other		Scope
IE002070_T4.15	63246	119629	63272	119649	Cobbles	Other		Scope
IE002070_T4.16	63272	119649	63304	119693	Sand	Other		Scope
IE002070_T4.17	63304	119693	63329	119749	Sand	Other		Scope
IE002070_T4.18	63329	119749	63336	119782	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002070_T4.19	63336	119782	63338	119804	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T4.20	63338	119804	63338	119831	Macroalgae	Other		Scope
IE002070_T4.21	63338	119831	63328	119853	Sand	Other		Scope
IE002070_T4.22	63328	119853	63279	119876	Macroalgae	Other		Scope
IE002070_T4.23	63279	119876	63241	119892	Sand	Other		Scope
IE002070_T4.24	63241	119892	63203	119907	Sand	Other		Scope
IE002070_T4.25	63203	119907	63154	119921	Sand	Other		Scope
IE002070_T4.26	63154	119921	63103	119916	Kelp	Other		Scope
IE002070_T4.27	63103	119916	63209	119914	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With kelp	Scope
IE002070_T4.28	63209	119914	63292	119961	Sand	Other		Scope
IE002070_T4.29	63292	119961	63323	119967	Kelp	Other		Scope
IE002070_T4.30	63323	119967	63377	119982	Kelp	Other		Scope
IE002070_T4.31	63377	119982	63409	120009	Sand	Other		Scope
IE002070_T4.32	63409	120009	63436	120057	Sand	Other		Scope
IE002070_T4.33	63436	120057	63422	120052	Kelp	Other		Scope
IE002070_T4.34	63422	120052	63388	120040	Kelp	Other		Scope
IE002070_T4.35	63388	120040	63266	120019	Sand	Other		Scope
IE002070_T4.36	63266	120019	63244	120051	Gravel	Other		Scope
IE002070_T4.37	63244	120051	63229	120141	Sand	Other		Scope
IE002070_T4.38	63229	120141	63284	120211	Kelp	Other		Scope
IE002070_T4.39	63284	120211	63303	120239	Kelp	Other		Scope
IE002070_T4.40	63303	120239	63311	120279	Kelp	Other	With kelp	Scope
IE002070_T4.41	63311	120279	63377	120312	Sand	Other		Scope
IE002070_T4.42	63377	120312	63566	120354	Sand	Other		Scope
IE002070_T4.43	63566	120354	63750	120359	Sand	Other		Scope
IE002070_T4.44	63750	120359	63984	120313	Kelp	Other		Scope
IE002070_T4.45	63984	120313	64085	120220	Kelp	Other		Scope
IE002070_T4.46	64085	120220	64118	120090	Kelp	Other		Scope
IE002070_T4.47	64118	120090	64166	119909	Kelp	Other	With gravel and cobble	Scope
IE002070_T4.48	64166	119909	64233	119787	Sand	Other	With kelp	Scope
IE002070_T4.49	64233	119787	64244	119689	Sand	Other		Scope
IE002070_T4.50	64244	119689	64197	119614	Sand	Other		Scope
IE002070_T4.51	64197	119614	64118	119611	Sand	Other	With gravel and macroalgae	Scope
IE002070_T4.52	64118	119611	64041	119597	Sand	Other	With gravel and macroalgae	Scope
IE002070_T4.53	64041	119597	64024	119591	Sand	Other		Scope
IE002070_T4.54	64024	119591	63999	119584	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T4.55	63999	119584	63958	119576	Sand	Other	With gravel	Scope
IE002070_T4.56	63958	119576	63905	119567	Sand	Other		Scope
IE002070_T4.57	63905	119567	63830	119547	Sand	Other		Scope
IE002070_T4.58	63830	119547	63773	119542	Sand	Other	With macroalgae	Scope
IE002070_T4.59	63773	119542	63747	119518	Sand	Other		Scope

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IE002070_T4.60	63747	119518	63695	119491	Sand	Other	With macroalgae	Scope
IE002070_T4.61	63695	119491	63676	119457	Sand	Other	With kelp	Scope
IE002070_T4.62	63676	119457	63674	119429	Sand	Other	With macroalgae	Scope
IE002070_T4.63	63674	119429	63691	119407	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T4.64	63691	119407	63709	119375	Sand	Other		Scope
IE002070_T4.65	63709	119375	63703	119351	Sand	Other		Scope
IE002070_T4.66	63703	119351	63687	119308	Sand	Other		Scope
IE002070_T4.67	63687	119308	63668	119261	Sand	Other		Scope
IE002070_T4.68	63668	119261	63688	119221	Sand	Other	With macroalgae	Scope
IE002070_T4.69	63688	119221	63718	119206	Sand	Other	With boulders	Scope
IE002070_T4.70	63718	119206	63727	119207	Rock	Other	With macroalgae	Scope
IE002070_T4.71	63727	119207	63747	119175	Cobbles	Other	With sand and macroalgae	Scope
IE002070_T4.72	63747	119175	63789	119187	Rock	Other	With macroalgae	Scope
IE002070_T4.73	63789	119187	63808	119160	Rock	Other	With sand and macroalgae	Scope
IE002070_T4.74	63808	119160	63834	119102	Sand	Other	With boulders	Scope
IE002070_T4.75	63834	119102	63847	119065	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> between rock on sand	Scope
IE002070_T4.76	63847	119065	63919	119037	Rock	Other	With macroalgae	Scope
IE002070_T4.77	63919	119037	63958	119008	Rock	Other	With macroalgae	Scope
IE002070_T4.78	63958	119008	64040	118983	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T4.79	64040	118983	64118	118962	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	On gravel and sand	Scope
IE002070_T4.80	64118	118962	64135	119050	Sand	Other	With gravel	Scope
IE002070_T4.81	64135	119050	64107	119095	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T4.82	64107	119095	64070	119210	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T4.83	64070	119210	64064	119269	Sand	Other	With shell	Scope
IE002070_T4.84	64064	119269	64048	119333	Sand	Other	With gravel and macroalgae	Scope
IE002070_T4.85	64048	119333	63966	119300	Sand	Other		Scope
IE002070_T4.86	63966	119300	63962	119218	Sand	Other		Scope
IE002070_T4.87	63962	119218	63970	119186	Sand	Other	With gravel and macroalgae	Scope
IE002070_T4.88	63970	119186	63982	119154	Sand	Other		Scope
IE002070_T4.89	63982	119154	63992	119099	Sand	Other	With macroalgae	Scope
IE002070_T4.90	63992	119099	64000	119058	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T4.91	64000	119058	64000	119024	Sand	Other		Scope
IE002070_T4.92	64000	119024	64001	118997	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T4.93	64001	118997	64003	118968	Kelp	Other		Scope
IE002070_T4.94	64003	118968	64005	118949	Sand	Other		Scope
IE002070_T4.95	64005	118949	64008	118932	Sand	Other		Scope
IE002070_T4.96	64008	118932	64025	118901	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T4.97	64025	118901	64046	118878	Sand	Other	With gravel	Scope
IE002070_T4.98	64046	118878	64068	118859	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002070_T4.99	64068	118859	64135	118807	Sand	Other	With gravel	Scope
IE002070_T4.100	64135	118807	64168	118711	Sand	Other	With macroalgae	Scope
IE002070_T4.101	64168	118711	64160	118633	Sand	Other	With macroalgae	Scope
IE002070_T4.102	64160	118633	64081	118577	Sand	Other		Scope
IE002070_T4.103	64081	118577	64043	118561	Sand	Other		Scope
IE002070_T4.104	64043	118561	63978	118545	Sand	Other	With gravel and shell	Scope
IE002070_T4.105	63978	118545	63923	118537	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002070_T4.106	63923	118537	63908	118532	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T4.107	63908	118532	63879	118520	Sand	Other	With gravel	Scope
IE002070_T4.108	63879	118520	63863	118519	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T4.109	63863	118519	63845	118522	Sand	Other		Scope
IE002070_T4.110	63845	118522	End Point	End Point	Sand	Other	With macroalgae and broken shell	Scope
IE002070_T5	63836	118453	63770	118514	Sand	Other		Scope
IE002070_T5.1	63770	118514	63702	118595	Sand	Other	With macroalgae and shell	Scope
IE002070_T5.2	63702	118595	63661	118648	Gravel	Other	With shell and kelp	Scope
IE002070_T5.3	63661	118648	63633	118679	Sand	Other		Scope
IE002070_T5.4	63633	118679	63609	118710	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.5	63609	118710	63570	118748	Sand	Other		Scope
IE002070_T5.6	63570	118748	63552	118766	Gravel	Other		Scope
IE002070_T5.7	63552	118766	63525	118789	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.8	63525	118789	63509	118799	Gravel	Other		Scope
IE002070_T5.9	63509	118799	63432	118848	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.10	63432	118848	63380	118878	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.11	63380	118878	63355	118889	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	With gravel	Scope
IE002070_T5.12	63355	118889	63302	118937	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.13	63302	118937	63263	118962	Gravel	Other	With shell	Scope
IE002070_T5.14	63263	118962	63222	118978	Gravel	Other		Scope
IE002070_T5.15	63222	118978	63229	118918	Gravel	Other	With shell	Scope
IE002070_T5.16	63229	118918	63210	118871	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.17	63210	118871	63197	118836	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.18	63197	118836	63185	118816	Gravel	Other		Scope
IE002070_T5.19	63185	118816	63155	118760	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.20	63155	118760	63167	118737	Gravel	Other		Scope
IE002070_T5.21	63167	118737	63215	118738	Gravel	Other	With macroalgae and shell	Scope
IE002070_T5.22	63215	118738	63303	118711	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.23	63303	118711	63351	118653	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.24	63351	118653	63393	118579	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.25	63393	118579	63449	118537	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.26	63449	118537	63508	118476	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.27	63508	118476	63531	118454	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.28	63531	118454	63562	118417	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.29	63562	118417	63593	118373	Sand	Other		Scope
IE002070_T5.30	63593	118373	63648	118317	Sand	Other		Scope
IE002070_T5.31	63648	118317	63693	118283	Sand	Other		Scope
IE002070_T5.32	63693	118283	63744	118244	Sand	Other		Scope
IE002070_T5.33	63744	118244	63742	118219	Sand	Other		Scope
IE002070_T5.34	63742	118219	63737	118179	Sand	Other		Scope
IE002070_T5.35	63737	118179	63708	118115	Sand	Other		Scope
IE002070_T5.36	63708	118115	63661	118035	Sand	Other		Scope
IE002070_T5.37	63661	118035	63645	118014	Sand	Other		Scope
IE002070_T5.38	63645	118014	63611	118011	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.39	63611	118011	63590	118025	Sand	Other		Scope
IE002070_T5.40	63590	118025	63528	118084	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.41	63528	118084	63472	118139	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.42	63472	118139	63421	118186	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T5.43	63421	118186	63406	118200	Sand	Other		Scope
IE002070_T5.44	63406	118200	63350	118254	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.45	63350	118254	63300	118304	Sand	Other		Scope
IE002070_T5.46	63300	118304	63238	118364	Sand	Other		Scope
IE002070_T5.47	63238	118364	63213	118388	Sand	Other	With shell	Scope
IE002070_T5.48	63213	118388	63151	118452	Gravel	Other	With shell	Scope
IE002070_T5.49	63151	118452	63134	118470	Gravel	Other		Scope
IE002070_T5.50	63134	118470	63102	118502	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.51	63102	118502	63071	118531	Gravel	Other		Scope
IE002070_T5.52	63071	118531	63047	118552	Gravel	Other		Scope
IE002070_T5.53	63047	118552	63009	118593	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.54	63009	118593	62970	118635	Gravel	Other	With shell	Scope
IE002070_T5.55	62970	118635	62930	118668	Gravel	Other		Scope
IE002070_T5.56	62930	118668	62851	118714	Gravel	Other		Scope
IE002070_T5.57	62851	118714	62820	118726	Gravel	Other		Scope
IE002070_T5.58	62820	118726	62764	118749	Gravel	Other	With shell and macroalgae	Scope
IE002070_T5.59	62764	118749	62706	118793	Gravel	Other	With macroalgae	Scope
IE002070_T5.60	62706	118793	62674	118816	Gravel	Other		Scope
IE002070_T5.61	62674	118816	62651	118824	Gravel	Other		Scope
IE002070_T5.62	62651	118824	62622	118822	Gravel	Other	With sand and macroalgae	Scope
IE002070_T5.63	62622	118822	62616	118805	Sand	Other		Scope
IE002070_T5.64	62616	118805	62597	118741	Sand	Other		Scope
IE002070_T5.65	62597	118741	62593	118705	Gravel	Other	With gravel	Scope
IE002070_T5.66	62593	118705	62592	118664	Gravel	Other	With sand	Scope
IE002070_T5.67	62592	118664	62593	118622	Gravel	Other	With macroalgae	Scope
IE002070_T5.68	62593	118622	62583	118577	Macroalgae	Other	With macroalgae	Scope
IE002070_T5.69	62583	118577	62592	118549	Sand	Other	With gravel and macroalgae	Scope
IE002070_T5.70	62592	118549	62627	118520	Sand	Other	With gravel	Scope
IE002070_T5.71	62627	118520	62664	118485	Sand	Other	With shell	Scope
IE002070_T5.72	62664	118485	62709	118441	Gravel	Other		Scope
IE002070_T5.73	62709	118441	62768	118387	Gravel	Other	With shell	Scope
IE002070_T5.74	62768	118387	62790	118366	Gravel	Other		Scope
IE002070_T5.75	62790	118366	62860	118299	Sand	Other	With gravel and shell	Scope
IE002070_T5.76	62860	118299	62930	118238	Sand	Other	With gravel	Scope
IE002070_T5.77	62930	118238	62989	118189	Sand	Other	With gravel and shell	Scope
IE002070_T5.78	62989	118189	63036	118151	Gravel	Other		Scope
IE002070_T5.79	63036	118151	63092	118107	Sand	Other		Scope
IE002070_T5.80	63092	118107	63161	118041	Sand	Other		Scope
IE002070_T5.81	63161	118041	63221	117979	Sand	Other		Scope
IE002070_T5.82	63221	117979	63262	117940	Sand	Other		Scope
IE002070_T5.83	63262	117940	63313	117889	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.84	63313	117889	63326	117876	Gravel	Other		Scope
IE002070_T5.85	63326	117876	63355	117848	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With gravel and shell	Scope
IE002070_T5.86	63355	117848	63393	117809	Gravel	Other		Scope
IE002070_T5.87	63393	117809	63468	117756	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.88	63468	117756	63509	117726	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.89	63509	117726	63548	117706	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T5.90	63548	117706	63605	117667	Sand	Other	With shell	Scope
IE002070_T5.91	63605	117667	63628	117645	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.92	63628	117645	63643	117629	Sand	Other		Scope
IE002070_T5.93	63643	117629	63677	117587	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.94	63677	117587	63704	117555	Sand	Other		Scope
IE002070_T5.95	63704	117555	63812	117427	Sand	Other	With shell	Scope
IE002070_T5.96	63812	117427	63870	117349	Sand	Other		Scope
IE002070_T5.97	63870	117349	63913	117288	Sand	Other		Scope
IE002070_T5.98	63913	117288	64005	117158	Gravel	Other	With broken shell	Scope
IE002070_T5.99	64005	117158	64062	117086	Gravel	Other	With broken shell	Scope
IE002070_T5.100	64062	117079	64072	117079	Gravel	Other	With broken shell	Scope
IE002070_T5.101	63961	116976	63916	116976	Sand	Other		Scope
IE002070_T5.102	63916	116958	63830	116922	Broken Shell	Other		Scope
IE002070_T5.103	63830	116922	63739	116979	Broken Shell	Other		Scope
IE002070_T5.104	63739	116979	63702	117015	Broken Shell	Other	With macroalgae	Scope
IE002070_T5.105	63702	117015	63660	117056	Broken Shell	Other		Scope
IE002070_T5.106	63660	117056	63597	117120	Broken Shell	Other		Scope
IE002070_T5.107	63597	117120	63518	117205	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With sand	Scope
IE002070_T5.108	63518	117205	63443	117295	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Very patchy <i>Zostera marina</i>	Scope
IE002070_T5.109	63443	117295	63329	117425	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.110	63329	117425	63258	117510	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.111	63258	117510	63208	117566	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.112	63208	117566	63095	117697	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.113	63095	117697	62996	117790	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.114	62996	117790	62941	117845	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T5.115	62941	117845	62861	117937	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T5.116	62861	117937	62816	117974	Sand	Other	With broken shell	Scope
IE002070_T5.117	62816	117974	62727	118071	Sand	Other		Scope
IE002070_T5.118	62727	118071	62656	118153	Sand	Other	With macroalgae and shell	Scope
IE002070_T5.119	62656	118153	62604	118216	Sand	Other	With gravel and macroalgae	Scope
IE002070_T5.120	62604	118216	End Point	End Point	Broken Shell	Other	Gravel	Scope
IE002070_T6	62572	118244	62559	118158	Broken Shell	Other	With macroalgae and gravel	Scope
IE002070_T6.1	62559	118158	62594	118068	Broken Shell	Other	With broken shell, gravel and weed	Scope
IE002070_T6.2	62594	118068	62594	117994	Broken Shell	Other		Scope
IE002070_T6.3	62594	117994	62566	117895	Broken Shell	Other	With gravel and macroalgae	Scope
IE002070_T6.4	62566	117895	62578	117899	Broken Shell	Other	With macroalgae and gravel	Scope
IE002070_T6.5	62578	117899	62644	117861	Gravel	Other	With macroalgae and shell	Scope
IE002070_T6.6	62644	117861	62705	117752	Gravel	Other		Scope
IE002070_T6.7	62705	117752	62767	117665	Gravel	Other	With shell and macroalgae	Scope
IE002070_T6.8	62767	117665	62799	117616	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.9	62799	117616	62822	117588	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002070_T6.10	62822	117588	62863	117540	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.11	62863	117540	62887	117507	Sand	Other		Scope
IE002070_T6.12	62887	117507	62941	117449	Gravel	Other		Scope
IE002070_T6.13	62941	117449	62976	117409	Gravel	Other	With macroalgae	Scope
IE002070_T6.14	62976	117409	63064	117304	Gravel	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T6.15	63064	117304	63143	117216	Sand	Other		Scope
IE002070_T6.16	63143	117216	63206	117147	Sand	Other	With macroalgae	Scope
IE002070_T6.17	63206	117147	63276	117074	Sand	Other	With macroalgae	Scope
IE002070_T6.18	63276	117074	63314	117036	Sand	Other		Scope
IE002070_T6.19	63314	117036	63397	116952	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T6.20	63397	116952	63415	116932	Sand	Other		Scope
IE002070_T6.21	63415	116932	63441	116898	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T6.22	63441	116898	63460	116881	Broken Shell	Other		Scope
IE002070_T6.23	63460	116881	63517	116824	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T6.24	63517	116824	63574	116771	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.25	63574	116771	63619	116725	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.26	63619	116725	63640	116703	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.27	63640	116703	63655	116687	Sand	Other		Scope
IE002070_T6.28	63655	116687	63682	116655	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.29	63682	116655	63730	116604	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.30	63730	116604	63787	116551	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.31	63787	116551	63854	116475	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.32	63854	116475	63873	116444	Vision gone	Other		Scope
IE002070_T6.33	63873	116444	63879	116427	Vision gone	Other		Scope
IE002070_T6.34	63879	116427	63805	116347	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.35	63805	116347	63691	116278	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.36	63691	116278	63541	116351	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.37	63541	116351	63499	116403	Vision gone	Other		Scope
IE002070_T6.38	63499	116403	63412	116505	Sand	Other	With shell and macroalgae	Scope
IE002070_T6.39	63412	116505	63367	116551	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.40	63367	116551	63322	116603	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.41	63322	116603	63257	116685	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.42	63257	116685	63167	116791	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.43	63167	116791	63103	116863	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.44	63103	116863	63019	116956	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T6.45	63019	116956	62945	117035	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T6.46	62945	117035	62895	117093	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T6.47	62895	117093	62834	117157	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T6.48	62834	117157	62765	117218	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T6.49	62765	117218	62706	117272	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T6.50	62706	117272	62673	117303	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T6.51	62673	117303	62627	117347	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T6.52	62627	117347	62592	117373	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T6.53	62592	117373	62536	117420	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T6.54	62536	117420	62444	117501	Gravel	Other	With cobble and gravel	Scope
IE002070_T6.55	62444	117501	62420	117521	Sand	Other		Scope
IE002070_T6.56	62420	117521	62367	117558	Sand	Other	With gravel	Scope
IE002070_T6.57	62367	117558	62348	117561	Sand	Other	With cobble	Scope
IE002070_T6.58	62348	117561	62377	117502	Sand	Other		Scope
IE002070_T6.59	62377	117502	62414	117452	Sand	Other		Scope
IE002070_T6.60	62414	117452	62437	117402	Sand	Other		Scope
IE002070_T6.61	62437	117402	62450	117371	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T6.62	62450	117371	62470	117332	Sand	Other		Scope
IE002070_T6.63	62470	117332	62497	117228	Gravel	Other		Scope
IE002070_T6.64	62497	117228	62516	117175	Sand	Other	With sand and macroalgae	Scope
IE002070_T6.65	62516	117175	62529	117109	Sand	Other		Scope
IE002070_T6.66	62529	117109	62603	117008	Sand	Other		Scope
IE002070_T6.67	62603	117008	62641	116971	Sand	Other		Scope
IE002070_T6.68	62641	116971	62680	116933	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T6.69	62680	116933	62716	116895	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002070_T6.70	62716	116895	62744	116870	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.71	62744	116870	62787	116821	Rock	Other	With macroalgae	Scope
IE002070_T6.72	62787	116821	62833	116766	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With macroalgae	Scope
IE002070_T6.73	62833	116766	62903	116777	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002070_T6.74	62903	116777	62954	116619	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.75	62954	116619	63017	116538	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.76	63017	116538	63079	116476	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.77	63079	116476	63126	116430	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.78	63126	116430	63158	116396	Sand	Other		Scope
IE002070_T6.79	63158	116396	63198	116354	Sand	Other		Scope
IE002070_T6.80	63198	116354	63223	116284	Sand	Other	With shell	Scope
IE002070_T6.81	63223	116284	63281	116223	Sand	Other	With shell	Scope
IE002070_T6.82	63281	116223	63326	116184	Sand	Other		Scope
IE002070_T6.83	63326	116184	63356	116157	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.84	63356	116157	63484	115998	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.85	63484	115998	63442	115962	Sand	Other		Scope
IE002070_T6.86	63442	115962	63393	115940	Sand	Other		Scope
IE002070_T6.87	63393	115940	63324	115923	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.88	63324	115923	63270	115914	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.89	63270	115914	63186	115944	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.90	63186	115944	63141	115967	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.91	63141	115967	63091	116004	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.92	63091	116004	63022	116069	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.93	63022	116069	62978	116135	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.94	62978	116135	62904	116243	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.95	62904	116243	62830	116336	Sand	Other	With shell	Scope
IE002070_T6.96	62830	116336	62775	116399	Sand	Other	With shell	Scope
IE002070_T6.97	62775	116399	62717	116438	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.98	62717	116438	62691	116464	Sand	Other		Scope
IE002070_T6.99	62691	116464	62680	116474	Sand	Other		Scope
IE002070_T6.100	62680	116474	62655	116482	Sand	Other	With macroalgae	Scope
IE002070_T6.101	62655	116482	62658	116420	Sand	Other	With macroalgae	Scope
IE002070_T6.102	62658	116420	62653	116345	Sand	Other		Scope
IE002070_T6.103	62653	116345	62648	116322	Sand	Other		Scope
IE002070_T6.104	62648	116322	62649	116296	Macroalgae	Other		Scope
IE002070_T6.105	62649	116296	62632	116267	Sand	Other	With macroalgae	Scope
IE002070_T6.106	62632	116267	62601	116248	Macroalgae	Other		Scope
IE002070_T6.107	62601	116248	62532	116208	Sand	Other	With macroalgae	Scope
IE002070_T6.108	62532	116208	62493	116221	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T6.109	62493	116221	62548	116179	Sand	Other		Scope
IE002070_T6.110	62548	116179	62645	116095	Macroalgae	Other		Scope
IE002070_T6.111	62645	116095	62660	116081	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.112	62660	116081	62695	116054	Macroalgae	Other		Scope
IE002070_T6.113	62695	116054	62749	116004	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002070_T6.114	62749	116004	62811	115949	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.115	62811	115949	62855	115909	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.116	62855	115909	62885	115881	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.117	62885	115881	62963	115818	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.118	62963	115818	62993	115785	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.119	62993	115785	63049	115742	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.120	63049	115742	63074	115725	Sand	Other		Scope
IE002070_T6.121	63074	115725	63128	115683	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.122	63128	115683	63156	115658	Sand	Other		Scope
IE002070_T6.123	63156	115658	63184	115641	Sand	Other		Scope
IE002070_T6.124	63184	115641	63202	115633	Sand	Other		Scope
IE002070_T6.125	63202	115633	63204	115617	Sand	Other		Scope
IE002070_T6.126	63204	115617	63179	115579	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.127	63179	115579	63120	115518	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.128	63120	115518	63079	115476	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.129	63079	115476	63049	115451	Sand	Other	With shell	Scope
IE002070_T6.130	63049	115451	62995	115415	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.131	62995	115415	62963	115436	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.132	62963	115436	62922	115467	Sand	Other	With broken shell	Scope
IE002070_T6.133	62922	115467	62843	115524	Sand	Other	With macroalgae and broken shell	Scope
IE002070_T6.134	62843	115524	62763	115586	Sand	Other	With broken shell and weed	Scope
IE002070_T6.135	62763	115586	62679	115649	Sand	Other	With broken shell	Scope
IE002070_T6.136	62679	115649	62655	115665	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.137	62655	115665	62625	115687	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.138	62625	115687	62612	115695	Sand	Other		Scope
IE002070_T6.139	62612	115695	62557	115721	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.140	62557	115721	62535	115729	Sand	Other		Scope
IE002070_T6.141	62535	115729	62440	115766	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.142	62440	115766	62332	115800	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.143	62332	115800	62283	115815	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.144	62283	115815	62238	115830	Sand	Other		Scope
IE002070_T6.145	62238	115830	62195	115845	Sand	Other		Scope
IE002070_T6.146	62195	115845	62140	115873	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T6.147	62140	115873	62102	115876	Sand	Other		Scope
IE002070_T6.148	62102	115876	62086	115852	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T6.149	62086	115852	62043	115797	Sand	Other		Scope
IE002070_T6.150	62043	115797	62048	115750	Sand	Other	With gravel	Scope
IE002070_T6.151	62048	115750	62057	115707	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.152	62057	115707	62066	115647	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.153	62066	115647	62070	115609	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.154	62070	115609	62078	115601	Sand	Other		Scope
IE002070_T6.155	62078	115601	62125	115592	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T6.156	62125	115592	62187	115585	Sand	Other		Scope
IE002070_T6.157	62187	115585	62246	115568	Sand	Other		Scope
IE002070_T6.158	62246	115568	62304	115557	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T6.159	62304	115557	62323	115553	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002070_T6.160	62323	115553	62401	115542	Sand	Other		Scope
IE002070_T6.161	62401	115542	62522	115519	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.162	62522	115519	62568	115505	Sand	Other		Scope
IE002070_T6.163	62568	115505	62603	115487	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.164	62603	115487	62681	115450	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.165	62681	115450	62750	115415	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.166	62750	115415	62817	115380	Sand	Other		Scope
IE002070_T6.167	62817	115380	62850	115368	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.168	62850	115368	62881	115354	Sand	Other		Scope
IE002070_T6.169	62881	115354	62912	115340	Sand	Other	With shell	Scope
IE002070_T6.170	62912	115340	62926	115341	Sand	Other		Scope
IE002070_T6.171	62926	115341	62936	115342	Sand	Other		Scope
IE002070_T6.172	62936	115342	62965	115308	Sand	Other		Scope
IE002070_T6.173	62965	115308	62953	115128	Sand	Other	With shell	Scope
IE002070_T6.174	62953	115128	62973	115074	Sand	Other		Scope
IE002070_T6.175	62973	115074	62994	115067	Sand	Other	With shell	Scope
IE002070_T6.176	62994	115067	62987	115050	Sand	Other	With shell	Scope
IE002070_T6.177	62987	115050	62959	115048	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.178	62959	115048	62907	115057	Sand	Other	With shell	Scope
IE002070_T6.179	62907	115057	62834	115061	Sand	Other	With shell	Scope
IE002070_T6.180	62834	115061	62774	115050	Sand	Other	With shell	Scope
IE002070_T6.181	62774	115050	62666	115042	Sand	Other	With shell and macroalgae	Scope
IE002070_T6.182	62666	115042	62625	115041	Sand	Other	With shell and macroalgae	Scope
IE002070_T6.183	62625	115041	62603	115034	Rock	Other		Scope
IE002070_T6.184	62603	115034	62579	115027	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.185	62579	115027	62559	115022	Rock	Other		Scope
IE002070_T6.186	62559	115022	62533	115019	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.187	62533	115019	62509	115012	Sand	Other		Scope
IE002070_T6.188	62509	115012	62458	115006	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With gravel and macroalgae	Scope
IE002070_T6.189	62458	115006	62416	115006	Rock	Other		Scope
IE002070_T6.190	62416	115006	62394	115005	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T6.191	62394	115005	62348	115011	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With gravel	Scope
IE002070_T6.192	62348	115011	62315	115013	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002070_T6.193	62315	115013	62248	115007	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002070_T6.194	62248	115007	62236	115004	Macroalgae	Other		Scope
IE002070_T6.195	62236	115004	62195	114994	Sand	Other		Scope
IE002070_T6.196	62195	114994	62169	114994	Sand	Other		Scope
IE002070_T6.197	62169	114994	62133	114991	Sand	Other		Scope
IE002070_T6.198	62133	114991	62117	114992	Sand	Other		Scope
IE002070_T6.199	62117	114992	62076	114994	Sand	Other	With macroalgae	Scope
IE002070_T6.200	62076	114994	62047	114991	Sand	Other		Scope
IE002070_T6.201	62047	114991	62022	114998	Sand	Other		Scope
IE002070_T6.202	62022	114998	61986	115026	Sand	Other	With macroalgae	Scope

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IE002070_T6.203	61986	115026	61951	115052	Macroalgae	Other		Scope
IE002070_T6.204	61951	115052	61947	115089	Sand	Other		Scope
IE002070_T6.205	61947	115089	61968	115157	Sand	Other		Scope
IE002070_T6.206	61968	115157	61975	115196	Sand	Other		Scope
IE002070_T6.207	61975	115196	62017	115318	Sand	Other		Scope
IE002070_T6.208	62017	115318	62075	115379	Sand	Other		Scope
IE002070_T6.209	62075	115379	62161	115372	Sand	Other		Scope
IE002070_T6.210	62161	115372	62184	115369	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.211	62184	115369	62227	115370	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002070_T6.212	62227	115370	62239	115370	Macroalgae	Other	With macroalgae	Scope
IE002070_T6.213	62239	115370	62322	115351	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.214	62322	115351	62349	115328	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.215	62349	115328	62378	115296	Macroalgae	Other		Scope
IE002070_T6.216	62378	115296	62393	115276	Macroalgae	Other		Scope
IE002070_T6.217	62393	115276	62462	115256	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.218	62462	115256	62488	115252	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.219	62488	115252	62513	115249	Sand	Other		Scope
IE002070_T6.220	62513	115249	62551	115243	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T6.221	62551	115243	62575	115241	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T6.222	62575	115241	62659	115233	Gravel	Other		Scope
IE002070_T6.223	62659	115233	62757	115224	Gravel	Other	With macroalgae	Scope
IE002070_T6.224	62757	115224	62829	115220	Gravel	Other	With shell and macroalgae	Scope
IE002070_T6.225	62829	115220	62894	115220	Gravel	Other	With shell and macroalgae	Scope
IE002070_T6.226	62894	115220	62952	115213	Gravel	Other	With shell and macroalgae	Scope
IE002070_T6.227	62952	115213	End Point	End Point	Gravel	Other	With shell and macroalgae	Scope
IE002070_T7	73062	115050	73010	115155	Mud	Other		Scope
IE002070_T7.1	73010	115155	72982	115223	Mud	Other	With shell	Scope
IE002070_T7.2	72982	115223	72963	115282	Mud	Other	With macroalgae	Scope
IE002070_T7.3	72963	115282	72976	115296	Muddy Sand	Other		Scope
IE002070_T7.4	72976	115296	73094	115196	Mud	Other		Scope
IE002070_T7.5	73094	115196	73165	115114	Mud	Other		Scope
IE002070_T7.6	73165	115114	73257	115052	Macroalgae	Other	With macroalgae	Scope
IE002070_T7.7	73257	115052	73379	114966	Mud	Other		Scope
IE002070_T7.8	73379	114966	73395	114970	Mud	Other		Scope
IE002070_T7.9	73395	114970	73424	114994	Mud	Other		Scope
IE002070_T7.10	73424	114994	73447	115026	Mud	Other		Scope
IE002070_T7.11	73447	115026	73488	115122	Mud	Other		Scope
IE002070_T7.12	73488	115122	73522	115164	Mud	Other		Scope
IE002070_T7.13	73522	115164	73546	115197	Mud	Other		Scope
IE002070_T7.14	73546	115197	73562	115220	Mud	Other	With macroalgae	Scope
IE002070_T7.15	73562	115220	73587	115265	Mud	Other	With cobble and algae	Scope
IE002070_T7.16	73587	115265	73618	115311	Mud	Other	With macroalgae	Scope
IE002070_T7.17	73618	115311	73646	115344	Sand	Other		Scope
IE002070_T7.18	73646	115344	73666	115367	Sand	Other	With shell	Scope
IE002070_T7.19	73666	115367	73696	115431	Mud	Other	With macroalgae and shell	Scope
IE002070_T7.20	73696	115431	73706	115471	Sand	Other	With macroalgae and shell	Scope
IE002070_T7.21	73706	115471	73716	115509	Sand	Other	With macroalgae and shell	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T7.22	73716	115509	73679	115545	Sand	Other	With shell	Scope
IE002070_T7.23	73679	115545	73615	115547	Sand	Other	With shell	Scope
IE002070_T7.24	73615	115547	73573	115513	Sand	Other	With shell	Scope
IE002070_T7.25	73573	115513	73551	115487	Sand	Other	With shell	Scope
IE002070_T7.26	73551	115487	73433	115355	Sandy Mud	Other	With shell and macroalgae	Scope
IE002070_T7.27	73433	115355	73410	115318	Sand	Other	With macroalgae	Scope
IE002070_T7.28	73410	115318	End Point	End Point	Mud	Other	With macroalgae and cobble	Scope
IE002070_T8	74065	113522	74137	113594	Sand	Other		Scope
IE002070_T8.1	74137	113594	74135	113626	Broken Shell	Other		Scope
IE002070_T8.2	74135	113626	74141	113656	Sand	Other		Scope
IE002070_T8.3	74141	113656	74150	113671	Macroalgae	Other		Scope
IE002070_T8.4	74150	113671	74169	113707	Sand	Other		Scope
IE002070_T8.5	74169	113707	74175	113727	Macroalgae	Other		Scope
IE002070_T8.6	74175	113727	74193	113773	Sand	Other		Scope
IE002070_T8.7	74193	113773	74221	113800	Sand	Other		Scope
IE002070_T8.8	74221	113800	74221	113822	Kelp	Other	With broken shell and cobble	Scope
IE002070_T8.9	74221	113822	74215	113865	Gravel	Other	With macroalgae, cobble and gravel	Scope
IE002070_T8.10	74215	113865	74179	113929	Gravel	Other	With shell and macroalgae	Scope
IE002070_T8.11	74179	113929	74137	113957	Gravel	Other	With shell and macroalgae	Scope
IE002070_T8.12	74137	113957	74111	113980	Gravel	Other	With shell and macroalgae	Scope
IE002070_T8.13	74111	113980	End Point	End Point	Gravel	Other	With sand and shell	Scope
IE002070_T9	62996	114824	63047	114795	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T9.1	63047	114795	63073	114803	Broken Shell	Other		Scope
IE002070_T9.2	63073	114803	63163	114821	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T9.3	63163	114821	63300	114824	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T9.4	63300	114824	63338	114829	Broken Shell	Other		Scope
IE002070_T9.5	63338	114829	63382	114841	Broken Shell	Other		Scope
IE002070_T9.6	63382	114841	63463	114853	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With macroalgae	Scope
IE002070_T9.7	63463	114853	63522	114845	Broken Shell	Other		Scope
IE002070_T9.8	63522	114845	63559	114838	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T9.9	63559	114838	63610	114838	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T9.10	63610	114838	63573	114816	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T9.11	63573	114816	End Point	End Point	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T10	63077	114810	62941	114812	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With sand and shell	Scope
IE002070_T10.1	62941	114812	62900	114820	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T10.2	62900	114820	62797	114813	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With broken shell and weed	Scope
IE002070_T10.3	62797	114813	62723	114802	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With shell	Scope
IE002070_T10.4	62723	114802	62689	114798	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T10.5	62689	114798	62646	114794	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T10.6	62646	114794	62571	114786	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With macroalgae on sand	Scope
IE002070_T10.7	62571	114786	62525	114782	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T10.8	62525	114782	62476	114777	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With macroalgae, sand and gravel	Scope
IE002070_T10.9	62476	114777	62418	114771	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE002070_T10.10	62418	114771	62341	114772	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With macroalgae, sand and gravel	Scope
IE002070_T10.11	62341	114772	62292	114773	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy	With gravel, macroalgae and shell	Scope
IE002070_T10.12	62292	114773	62258	114779	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T10.13	62258	114779	62231	114777	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T10.14	6231	114777	62187	114773	Macroalgae	Other		Scope
IE002070_T10.15	62187	114773	62154	114770	Gravel	Other	With shell and macroalgae	Scope
IE002070_T10.16	62154	114770	62136	114769	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.17	62136	114769	62107	114763	Macroalgae	Other	With sand and gravel	Scope
IE002070_T10.18	62107	114763	62115	114723	Macroalgae	Other		Scope
IE002070_T10.19	62115	114723	62125	114707	Macroalgae	Other	With sand	Scope
IE002070_T10.20	62125	114707	62149	114665	Sand	Other		Scope
IE002070_T10.21	62149	114665	62176	114632	Sand	Other	With gravel and macroalgae	Scope
IE002070_T10.22	62176	114632	62190	114601	Sand	Other		Scope
IE002070_T10.23	62190	114601	62206	114569	Sand	Other	With gravel and macroalgae	Scope
IE002070_T10.24	62206	114569	62226	114537	Sand	Other		Scope
IE002070_T10.25	62226	114537	62251	114512	Sand	Other	With macroalgae	Scope
IE002070_T10.26	62251	114512	62277	114487	Sand	Other		Scope
IE002070_T10.27	62277	114487	62303	114483	Sand	Other		Scope
IE002070_T10.28	62303	114483	62379	114496	Sand	Other		Scope
IE002070_T10.29	62379	114496	62469	114504	Sand	Other		Scope
IE002070_T10.30	62469	114504	62480	114506	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.31	62480	114506	62498	114510	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T10.32	62498	114510	62535	114513	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002070_T10.33	62535	114513	62562	114515	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002070_T10.34	62562	114515	62577	114518	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002070_T10.35	62577	114518	62597	114519	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.36	62597	114519	62661	114531	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002070_T10.37	62661	114531	62728	114540	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002070_T10.38	62728	114540	62750	114540	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With gravel and macroalgae	Scope
IE002070_T10.39	62750	114540	62784	114541	Rock	Other		Scope
IE002070_T10.40	62784	114541	62854	114546	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002070_T10.41	62854	114546	62941	114556	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With gravel and macroalgae	Scope
IE002070_T10.42	62941	114556	63032	114560	Gravel	Other	With sand and macroalgae	Scope
IE002070_T10.43	63032	114560	63065	114560	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.44	63065	114560	63118	114563	Sand	Other	With shell and macroalgae	Scope
IE002070_T10.45	63118	114563	63155	114566	Sand	Other	With shell	Scope
IE002070_T10.46	63155	114566	63168	114566	Sand	Other		Scope
IE002070_T10.47	63168	114566	63218	114564	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T10.48	63218	114564	63250	114559	Gravel	Other	With shell	Scope
IE002070_T10.49	63250	114559	63317	114550	Sand	Other	With gravel and shell	Scope
IE002070_T10.50	63317	114550	63348	114552	Sand	Other	With gravel and shell	Scope
IE002070_T10.51	63348	114552	63373	114558	Sand	Other		Scope
IE002070_T10.52	63373	114558	63405	114557	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T10.53	63405	114557	63535	114547	Sand	Other	With gravel and shell	Scope
IE002070_T10.54	63535	114547	63562	114547	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With sand and gravel	Scope
IE002070_T10.55	63562	114547	63593	114548	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.56	63593	114548	63661	114536	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.57	63661	114536	63701	114529	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.58	63701	114529	63720	114526	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.59	63720	114526	63734	114526	Sand	Other	With gravel	Scope
IE002070_T10.60	63734	114526	63770	114525	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T10.61	63770	114525	63802	114522				Scope
IE002070_T10.62	63802	114522	63850	114523	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T10.63	63850	114523	63874	114524	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T10.64	63874	114524	63912	114524	Zostera marina Rare Patchy	Zostera marina Rare Patchy	With shell	Scope
IE002070_T10.65	63912	114522	63927	114514	Muddy Sand	Other	With shell	Scope
IE002070_T10.66	63927	114514	63917	114412	Muddy Sand	Other	With shell	Scope
IE002070_T10.67	63917	114412	63947	114367	Sand	Other	With shell	Scope
IE002070_T10.68	63947	114367	63986	114335	Sand	Other	With macroalgae	Scope
IE002070_T10.69	63986	114335	64019	114300	Sand	Other	With shell	Scope
IE002070_T10.70	64019	114300	64035	114285	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T10.71	64035	114285	64071	114272	Sand	Other	With shell	Scope
IE002070_T10.72	64071	114272	64106	114268	Sand	Other	With shell	Scope
IE002070_T10.73	64106	114268	64107	114256	Sand	Other	With shell	Scope
IE002070_T10.74	64107	114256	64040	114232	Sandy Mud	Other	With shell	Scope
IE002070_T10.75	64040	114232	63961	114234	Sandy Mud	Other	With macroalgae and shell	Scope
IE002070_T10.76	63961	114234	63904	114237	Sandy Mud	Other	With shell and macroalgae	Scope
IE002070_T10.77	63904	114237	63848	114237	Sandy Mud	Other		Scope
IE002070_T10.78	63848	114247	63765	114259	Sand	Other		Scope
IE002070_T10.79	63765	114259	63753	114266	Sandy Mud	Other	With macroalgae	Scope
IE002070_T10.80	63753	114266	63644	114289	Sand	Other	With shell and macroalgae	Scope
IE002070_T10.81	63644	114289	63533	114286	Sand	Other	With macroalgae	Scope
IE002070_T10.82	63533	114286	63467	114275	Sand	Other	With shell and macroalgae	Scope
IE002070_T10.83	63467	114275	63380	114258	Sand	Other	With shell and macroalgae	Scope
IE002070_T10.84	63380	114258	63258	114222	Sand	Other	With shell and macroalgae	Scope
IE002070_T10.85	63258	114222	63235	114213	Sand	Other	With shell and gravel	Scope
IE002070_T10.86	63235	114213	63132	114190	Sand	Other	With shell	Scope
IE002070_T10.87	63132	114190	63036	114152	Sand	Other	With shell	Scope
IE002070_T10.88	63036	114152	62991	114141	Sand	Other	With shell and macroalgae	Scope
IE002070_T10.89	62991	114141	62956	114129	Gravel	Other	With shell	Scope
IE002070_T10.90	62956	114129	62894	114106	Broken Shell	Other	With shell	Scope
IE002070_T10.91	62894	114106	62843	114093	Sand	Other	With gravel	Scope
IE002070_T10.92	62843	114093	62777	114078	Sand	Other	With macroalgae	Scope
IE002070_T10.93	62777	114078	62712	114051	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T10.94	62712	114051	62665	114015	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T10.95	62665	114015	62627	114005	Sand	Other	With boulders	Scope
IE002070_T10.96	62627	114005	62671	114032	Sand	Other	With macroalgae	Scope
IE002070_T10.97	62671	114032	62687	114034	Sand	Other		Scope
IE002070_T10.98	62687	114034	62709	114033	Sand	Other		Scope
IE002070_T10.99	62709	114033	62743	114021	Sand	Other		Scope
IE002070_T10.100	62743	114021	62779	114014	Sand	Other		Scope
IE002070_T10.101	62779	114014	62808	114011	Sand	Other		Scope
IE002070_T10.102	62808	114011	62867	113964	Sand	Other		Scope
IE002070_T10.103	62867	113964	62897	113942	Sand	Other		Scope
IE002070_T10.104	62897	113942	62935	113900	Sand	Other		Scope
IE002070_T10.105	62935	113900	62960	113865	Sand	Other	With macroalgae	Scope
IE002070_T10.106	62960	113865	62973	113829	Macroalgae	Other		Scope
IE002070_T10.107	62973	113829	63004	113807	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T10.108	63004	113807	63070	113822	Sand	Other	With macroalgae	Scope
IE002070_T10.109	63070	113826	63082	113826	Macroalgae	Other		Scope
IE002070_T10.110	63082	113826	63091	113828	Sand	Other		Scope
IE002070_T10.111	63091	113828	63121	113836	Gravel	Other		Scope
IE002070_T10.112	63121	113836	63175	113864	Sand	Other		Scope
IE002070_T10.113	63175	113864	63209	113866	Sand	Other		Scope
IE002070_T10.114	63209	113866	63276	113881	Sand	Other	With shell	Scope
IE002070_T10.115	63276	113881	63350	113892	Sand	Other	With shell and macroalgae	Scope
IE002070_T10.116	63350	113892	63375	113901	Macroalgae	Other	With broken shell	Scope
IE002070_T10.117	63375	113901	63398	113899	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.118	63398	113899	63454	113919	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.119	63454	113919	63495	113916	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.120	63495	113916	63525	113906	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.121	63525	113906	63559	113893	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.122	63559	113893	63591	113884	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.123	63591	113884	63621	113881	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	Short blades of <i>Zostera marina</i>	Scope
IE002070_T10.124	63621	113881	63638	113880	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.125	63638	113880	63671	113880	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.126	63671	113880	63707	113881	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.127	63707	113881	63737	113881	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.128	63737	113881	63792	113879	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.129	63792	113879	63860	113864	Sand	Other		Scope
IE002070_T10.130	63860	113864	63943	113885	Sand	Other	With shell and macroalgae	Scope
IE002070_T10.131	63943	113885	64035	113862	Sand	Other	With macroalgae and shell	Scope
IE002070_T10.132	64035	113862	64028	113760	Sand	Other	With macroalgae	Scope
IE002070_T10.133	64028	113760	64013	113667	Sand	Other	With macroalgae and shell	Scope
IE002070_T10.134	64013	113667	64001	113587	Sand	Other	With macroalgae and shell	Scope
IE002070_T10.135	64001	113587	64000	113561	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.136	64000	113561	64029	113553	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.137	64029	113553	64085	113548	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.138	64085	113548	64120	113541	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.139	64120	113541	64203	113551	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.140	64203	113551	64256	113540	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.141	64256	113540	64273	113538	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.142	64273	113538	64298	113539	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.143	64298	113539	64321	113548	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.144	64321	113548	64356	113583	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.145	64356	113583	64394	113592	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.146	64394	113592	64417	113577	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.147	64417	113577	64455	113574	Sand	Other	With macroalgae	Scope
IE002070_T10.148	64455	113574	64479	113555	Sand	Other	With macroalgae	Scope
IE002070_T10.149	64479	113555	64483	113507	Sand	Other		Scope
IE002070_T10.150	64483	113507	64502	113449	Sand	Other		Scope
IE002070_T10.151	64502	113449	64506	113429	Sand	Other		Scope
IE002070_T10.152	64506	113429	64518	113356	Muddy Sand	Other		Scope
IE002070_T10.153	64518	113356	64514	113312	Muddy Sand	Other		Scope
IE002070_T10.154	64514	113312	64516	113284	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T10.155	64516	113284	64521	113256	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.156	64521	113256	64547	113200	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.157	64547	113200	64554	113148	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.158	64554	113148	64559	113099	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.159	64559	113099	64560	113067	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.160	64560	113067	64576	113039	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.161	64576	113039	64558	113019	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.162	64558	113019	64549	112974	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.163	64549	112974	64557	112935	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.164	64557	112935	64568	112906	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.165	64568	112906	64583	112868	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.166	64583	112868	64595	112841	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.167	64595	112841	64609	112795	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With sand	Scope
IE002070_T10.168	64609	112795	64613	112755	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.169	64613	112755	64615	112697	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.170	64615	112697	64615	112673	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002070_T10.171	64615	112673	64615	112655	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.172	64615	112655	64611	112628	Sand	Other		Scope
IE002070_T10.173	64611	112628	64607	112605	Sand	Other		Scope
IE002070_T10.174	64607	112605	64604	112585	Rock	Other		Scope
IE002070_T10.175	64604	112585	64602	112565	Rock	Other	With macroalgae	Scope
IE002070_T10.176	64602	112565	64601	112542	Sand	Other		Scope
IE002070_T10.177	64601	112542	64601	112522	Rock	Other		Scope
IE002070_T10.178	64601	112522	64584	112518	Sand	Other		Scope
IE002070_T10.179	64584	112518	64525	112553	Sand	Other		Scope
IE002070_T10.180	64525	112553	64506	112580	Sand	Other		Scope
IE002070_T10.181	64506	112580	64456	112601	Sand	Other	With shell	Scope
IE002070_T10.182	64456	112601	64424	112618	Sand	Other		Scope
IE002070_T10.184	64337	112667	64311	112668	Sand	Other		Scope
IE002070_T10.185	64311	112668	64287	112698	Sand	Other		Scope
IE002070_T10.186	64287	112698	64278	112735	Sand	Other		Scope
IE002070_T10.187	64278	112735	64243	112820	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.188	64243	112820	64235	112864	Sand	Other	With macroalgae	Scope
IE002070_T10.189	64235	112864	64232	112882	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.190	64232	112882	64227	112916	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002070_T10.191	64227	112916	64224	112938	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002070_T10.192	64224	112938	64217	112972	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.193	64217	112972	64200	113001	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002070_T10.194	64200	113001	64187	113033	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.195	64187	113033	64176	113069	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.196	64176	113069	64166	113093	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.197	64166	113093	64154	113115	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.198	64154	113115	64141	113137	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.199	64141	113137	64133	113159	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.200	64133	113159	64124	113187	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002070_T10.201	64124	113187	64121	113203	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T10.202	64121	113203	64119	113226	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T10.203	64119	113226	64117	113243	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T10.204	64117	113243	64071	113361	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T10.205	64071	113361	64033	113380	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T10.206	64033	113380	63947	113367	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T10.207	63947	113367	63885	113347	Zostera marina Rare Patchy	Zostera marina Rare Patchy	With shell	Scope
IE002070_T10.208	63885	113347	63844	113333	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T10.209	63844	113333	63775	113300	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T10.210	63775	113300	63700	113262	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T10.211	63700	113262	63664	113249	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T10.212	63664	113249	End Point	End Point	Rock	Other	With macroalgae	Scope
IE002070_T11	63629	113282	63636	113316	Rock	Other	With macroalgae	Scope
IE002070_T11.1	63636	113316	63647	113340	Sand	Other		Scope
IE002070_T11.2	63647	113340	63657	113351	Rock	Other		Scope
IE002070_T11.3	63657	113351	63670	113370	Rock	Other		Scope
IE002070_T11.4	63670	113370	63690	113428	Sand	Other		Scope
IE002070_T11.5	63690	113428	63690	113428	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T11.6	63690	113428	63690	113428	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T11.7	63690	113428	63583	113563	Sand	Other		Scope
IE002070_T11.8	63583	113563	63609	113584	Sand	Other	With broken shell and cobble	Scope
IE002070_T11.9	63609	113584	63621	113592	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T11.10	63621	113592	63619	113612	Sand	Other		Scope
IE002070_T11.11	63619	113612	63592	113619	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T11.12	63592	113619	63562	113648	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T11.13	63562	113648	63542	113673	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T11.14	63542	113673	63524	113696	Zostera marina Rare Patchy	Zostera marina Rare Patchy	With macroalgae	Scope
IE002070_T11.15	63524	113696	63514	113724	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T11.16	63514	113724	63502	113746	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T11.17	63502	113746	63493	113770	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T11.18	63493	113770	63480	113791	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T11.19	63480	113791	63466	113813	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T11.20	63466	113813	63458	113830	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T11.21	63458	113830	63446	113856	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T11.22	63446	113856	End Point	End Point	Sand	Other	With macroalgae and shell	Scope
IE002070_T12	65123	113176	64963	113200	Sand	Other	With shell	Scope
IE002070_T12.1	64963	113200	64874	113231	Mud	Other	With macroalgae	Scope
IE002070_T12.2	64874	113231	64701	113239	Mud	Other	With macroalgae	Scope
IE002070_T12.3	64701	113239	64608	113226	Mud	Other	With macroalgae	Scope
IE002070_T12.4	64608	113226	64549	113186	Mud	Other	With macroalgae	Scope
IE002070_T12.5	64549	113186	64402	113114	Zostera marina Rare	Zostera marina Rare		Scope
IE002070_T12.6	64402	113114	64292	113070	Zostera marina Rare	Zostera marina Rare		Scope
IE002070_T12.7	64292	113070	64148	113014	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002070_T12.8	64148	113014	64001	112944	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002070_T12.9	64001	112944	63868	112905	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T12.10	63868	112905	63747	112861	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T12.11	63747	112861	End Point	End Point	Mud	Other		Scope
IE002070_T13	64270	112951	64700	112930	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T13.1	64700	112930	64788	112937	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002070_T13.2	64888	112937	64849	112944	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002070_T13.3	64849	112944	65082	112946	Zostera marina Occasional	Zostera marina Occasional		Scope
IE002070_T13.4	65082	112946	65144	112877	Muddy Sand	Other		Scope
IE002070_T13.5	65144	112877	65123	112773	Mud	Other		Scope
IE002070_T13.6	65123	112773	65118	112704	Mud	Other		Scope
IE002070_T13.7	65118	112704	65146	112582	Gravel	Other	With macroalgae and shell	Scope
IE002070_T13.8	65146	112582	65160	112529	Gravel	Other	With macroalgae and shell	Scope
IE002070_T13.9	65160	112529	65180	112452	Sand	Other	With macroalgae	Scope
IE002070_T13.10	65180	112452	65182	112379	Sand	Other		Scope
IE002070_T13.11	65182	112379	65148	112280	Sand	Other		Scope
IE002070_T13.12	65148	112280	65153	112202	Rock	Other		Scope
IE002070_T13.13	65153	112202	65163	112116	Rock	Other		Scope
IE002070_T13.14	65163	112116	65280	112172	Sand	Other		Scope
IE002070_T13.15	65280	112172	65280	112189	Rock	Other		Scope
IE002070_T13.16	65300	112189	65300	112232	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE002070_T13.17	65360	112232	65401	112259	Rock	Other		Scope
IE002070_T13.18	65401	112259	65427	112267	Sand	Other		Scope
IE002070_T13.19	65427	112267	65471	112289	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T13.20	65471	112289	65504	112310	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE002070_T13.21	65504	112310	65527	112324	Sand	Other		Scope
IE002070_T13.22	65527	112324	65557	112338	Sand	Other		Scope
IE002070_T13.23	65557	112338	65712	112349	Sand	Other		Scope
IE002070_T13.24	65712	112349	65754	112341	Sand	Other		Scope
IE002070_T13.25	65754	112341	65928	112272	Gravel	Other		Scope
IE002070_T13.26	65928	112272	65983	112236	Gravel	Other		Scope
IE002070_T13.27	65983	112236	66025	112196	Broken Shell	Other	With shell and macroalgae	Scope
IE002070_T13.28	66025	112196	66097	112120	Broken Shell	Other	With gravel and sand	Scope
IE002070_T13.29	66097	112120	66184	112088	Gravel	Other	With gravel, cobble and sand	Scope
IE002070_T13.30	66184	112088	66232	112067	Sand	Other		Scope
IE002070_T13.31	66232	112067	66376	112008	Sand	Other		Scope
IE002070_T13.32	66376	112008	66509	111934	Gravel	Other	With shell, gravel and macroalgae	Scope
IE002070_T13.33	66509	111934	66634	111868	Gravel	Other	With shell, stones and macroalgae	Scope
IE002070_T13.34	66634	111868	66792	111785	Gravel	Other	With shell and macroalgae	Scope
IE002070_T13.35	66792	111785	66817	111725	Mud	Other	With shell and macroalgae	Scope
IE002070_T13.36	66817	111725	66799	111673	Macroalgae	Other	With shell	Scope
IE002070_T13.37	66799	111673	66787	111636	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T13.38	66787	111636	66783	111632	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE002070_T13.39	66783	111632	66782	111612	Gravel	Other	With cobble and shell	Scope
IE002070_T13.40	66782	111612	66781	111580	Rock	Other		Scope
IE002070_T13.41	66781	111580	66772	111513	Macroalgae	Other	With cobble and gravel	Scope
IE002070_T13.42	66772	111513	66776	111441	Macroalgae	Other		Scope
IE002070_T13.43	66776	111441	66781	111394	Macroalgae	Other		Scope
IE002070_T13.44	66781	111394	66807	111308	Macroalgae	Other		Scope
IE002070_T13.45	66807	111308	66852	111234	Gravel	Other	With shell and macroalgae	Scope
IE002070_T13.46	66852	111234	66872	111192	Rock	Other	With macroalgae	Scope
IE002070_T13.47	66872	111192	66886	111112	Gravel	Other	With macroalgae	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T13.48	66886	11112	66887	111067	Macroalgae	Other		Scope
IE002070_T13.49	66887	111067	66881	110988	Macroalgae	Other	With sand	Scope
IE002070_T13.50	66881	110988	66879	110949	Rock	Other	With macroalgae	Scope
IE002070_T13.51	66879	110949	66894	110907	Rock	Other	With macroalgae	Scope
IE002070_T13.52	66894	110907	66897	110890	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002070_T13.53	66897	110890	66900	110864	Rock	Other	With macroalgae	Scope
IE002070_T13.54	66900	110864	66927	110838	Sand	Other		Scope
IE002070_T13.55	66927	110838	66948	110857	Sand	Other		Scope
IE002070_T13.56	66948	110857	End Point	End Point	Sand	Other		Scope
IE002070_T14	61540	119363	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 17	Dive
IE002070_T15	63388	118025	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 18	Dive
IE002070_T16	63620	114602	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 19	Dive
IE002070_T17	62504	115840	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>	Stills photography and video recorded at this position. Dive 20	Dive
IE002070_T18	66533	117255	End Point	End Point	Broken Shell	Other	With gravel. Less than 0.1% 100 percent living maerl	Dive
IE002070_T19	66486	116882	66615	117010	Broken Shell	Other	With gravel. Less than 0.1% 100 percent living maerl	Dive
IE002070_T19.1	66615	117010	End Point	End Point	Broken Shell	Other	With gravel and encrusting red algae. Less than 0.1% 100 percent dead maerl	Dive
IE002070_T20	64079	116942	64355	116769	Sand	Other		Dive
IE002070_T21.1	64355	116769	End Point	End Point	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With shell	Dive
IE002070_T22	64584	116694	End Point	End Point	Broken Shell	Other		Dive
IE002070_T23	64754	116657	End Point	End Point	Sand	Other		Dive
IE002070_T24	64525	117939	64394	117924	Sand	Other	With broken shell	Dive
IE002070_T24.1	64394	117924	End Point	End Point	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002070_T25	63813	115597	64541	115332	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002070_T25.1	64541	115332	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE002070_T26	64860	117469	64895	117583	Gravel	Other		Dive
IE002070_T26.1	64895	117583	End Point	End Point	Broken Shell	Other		Dive
IE002070_T27	64676	117672	64693	117714	Sand	Other		Dive
IE002070_T27.1	64693	117714	End Point	End Point	Sand	Other		Dive
IE002070_T28	64572	117771	64584	117812	Sand	Other	With macroalgae	Dive
IE002070_T28.1	64584	117812	End Point	End Point	Sand	Other	With macroalgae	Dive
IE002070_T29	64617	117998	End Point	End Point	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	Boundary	Dive
IE002070_T30	64611	118285	End Point	End Point	Sand	Other	With shell and <i>Chorda filum</i>	Dive
IE002070_T31	64747	118358	End Point	End Point	Sand	Other	With shell and <i>Chorda filum</i>	Dive
IE002070_T32	64477	118502	64302	118538	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae (boundary)	Dive
IE002070_T32.1	64302	118538	End Point	End Point	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	On shelly sand	Dive
IE002070_T33	64226	119037	64114	119110	Gravel	Other	On shelly sand	Dive
IE002070_T33.1	64114	119110	End Point	End Point	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Dive
IE002070_T34	64220	118781	End Point	End Point	Sand	Other	With broken shell	Dive
IE002070_T35	64328	118382	63871	118433	Sand	Other		Dive
IE002070_T35.1	63946	118189	63871	118433	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Dive
IE002070_T36	64120	117970	64120	117970	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002070_T36.1	64120	117970	End Point	End Point	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002070_T37	64050	117415	64320	117454	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002070_T37.1	64320	117454	End Point	End Point	Sand	Other		Dive
IE002070_T38	64310	117188	64237	117313	Gravel	Other	With broken shell	Dive
IE002070_T38.1	64237	117313	End Point	End Point	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002070_T39	64338	116843	64441	116967	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Dive

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002070_T39.1	64441	116967	End Point	End Point	Sand	Other	With gravel and macroalgae	Dive
IE002070_T40	64557	116313	64671	116403	Sand	Other		Dive
IE002070_T40.1	64671	116403	64618	116468	Sand	Other		Dive
IE002070_T40.2	64618	116468	End Point	End Point	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Dive
IE002070_T41	64559	115908	64753	115920	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Dive
IE002070_T41.1	64753	115920	65199	115899	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Dive
IE002070_T41.2	65199	115899	End Point	End Point	Sand	Other		Dive
IE002070_T42	65289	115371	65002	115355	Sand	Other	With broken shell	Dive
IE002070_T42.1	65002	115355	End Point	End Point	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Dive
IE002070_T43	65001	114823	64787	114853	Sand	Other		Dive
IE002070_T43.1	64787	114853	End Point	End Point	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Dive
IE002070_T44	64846	114386	64536	114695	Sand	Other	With broken shell	Dive
IE002070_T44.1	64536	114695	End Point	End Point	<i>Zostera marina</i>	<i>Zostera marina</i>		Dive
IE002070_T45	64302	115257	64010	114886	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE002070_T45.1	64010	114886	End Point	End Point	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002070_T46	63842	115349	63664	115184	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE002070_T46.1	63664	115184	End Point	End Point	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002070_T47	64185	114207	End Point	End Point	Broken Shell	Other		Dive
IE002070_T48	65449	112539	End Point	End Point	Sand	Other	With macroalgae	Dive

