



**MERC Consultants**  
environmental and conservation services

## Report

Surveys of sensitive sublittoral benthic communities in

- Mullet/Blacksod Bay Complex SAC
- Rutland Island and Sound SAC
- Mulroy Bay SAC



*On behalf of:*  
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# 1. Introduction

In furtherance of its policy of developing enhanced tools for managing Irelands marine candidate Special Areas of Conservation (SACs), in 2007 the National Parks and Wildlife Service, Department of the Environment, Heritage and Local Government – commissioned a survey of sensitive sublittoral communities in a number of marine SACs on the northwest 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) and Roaringwater Bay and Islands, Lough Hyne Nature Reserve and Environs, Valentia Harbour and Portmagee Channel and Broadhaven Bay SACs (2007).

The over-riding purpose of the project was to enhance the conservation of marine wildlife 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 maerl forming calcareous algae including *Lithothamnion corallioides*, *Phymatolithon calcareum*<sup>1</sup>
- 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

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

*per se*, where additional occurrences of the aforementioned communities were identified as a result of survey effort, these were also surveyed.

The specific objectives of the 2008 surveys were:

- map the distribution of seagrass *Zostera marina* beds
- provide estimates of the density of *Zostera marina* beds and of specified megafaunal communities
- map the distribution of maerl communities
- map the distribution of other specific megafaunal communities (see above)
- estimate abundance indices for megafaunal communities
- collect videographic and photographic imagery from representative communities at each site
- collect data in relation to flora and fauna associated with sensitive sublittoral communities recorded at each site

Three separate SACs were selected for survey during 2008:

- Mullet/Mullet/Blacksod Bay Complex SAC Site Code 000470
- Rutland Island and Sound SAC Site Code 002283
- Mulroy Bay SAC Site Code 002159

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).

In addition, the three sites surveyed are host to several Annex II species – those animal and plant species of community interest whose conservation requires the designation of Special Areas of Conservation.

### 2.1 Mullet/Mullet/Blacksod Bay Complex SAC

Blacksod Bay is located in north-west Mayo and comprises much of the Mullet Peninsula, the sheltered waters of Blacksod Bay and the low-lying sandy coastline from Belmullet to Kinrovar. The character of the site is strongly influenced by the Atlantic Ocean and the exposed location of much of the site results in a terrestrial landscape dominated by blown sand and largely devoid of trees. The underlying bedrock is principally metamorphic schist and gneiss.

The site has been selected as a candidate SAC principally on the basis of the presence of fixed dune, machair and decalcified dune heath habitats. While these are priority habitats under Annex I of the E.U. Habitats Directive, the site has also been selected for other habitats listed on Annex I of the directive:

- alkaline fen,
- eutrophic lake,
- reefs,
- Marram dunes,
- large shallow inlet and bay,
- tidal
- mudflats and *Salicornia* mudflats.

Other flora and fauna listed under Annex II of the Directive and known to be present within the site include the liverwort, Petalwort and European Otter and Harbour Seal,

Blacksod Bay is 16 km in length, stretching from Blacksod Point in the south to the very upper reaches of the bay at Belmullet. At this point, there is a narrow canal, approximately 300 meters long, that links Blacksod Bay with the adjacent Broadhaven Bay (also an SAC). The western shore of Blacksod is characterised by a series of smaller bays including Feorinyeeo Bay, Elly Bay and Saleen Bay. Conditions within these bays are generally quite sheltered from the prevailing wind direction and ocean swells. In contrast, the eastern shore of Blacksod Bay is dominated by a series of sandy beaches separated from one another by rocky headlands and which are exposed to prevailing winds and ocean swells. Blacksod Bay is 8 km wide at the mouth. A

narrowing of the bay occurs towards the northern end where Ardmore Point on the western side and Claggan Point on the east side, both promontories, reduce the width of the bay to approximately 2 km at this point. North of this, Blacksod Bay widens again and open bay conditions are considerably more sheltered here than they are to the south of the Ardmore/Claggan Point. Trawmore Bay, which lies northeast of Claggan Point, is the dominant marine physical feature in this area.

Blacksod is a shallow bay, reaching a maximum depth of 19 m in the extreme south of the site off Blacksod Point. The great majority of the site is however less than 10 m deep and there are extensive littoral areas. Tidal streams are generally weak throughout the bay, the only notable exception being between Ardmore and Claggan Points where tidal flows in and out of the northern part of the site have created a narrow and navigable channel.

The bay has a good range of littoral and sublittoral sedimentary habitats as well as shallow infralittoral reef habitat. Littoral areas of Blacksod Bay are dominated by sedimentary habitats. These may be moderately exposed to or very sheltered from, wave action. Exposed to moderately exposed sediments comprising coarse to medium sands are characterised by a polychaete infauna with some crustaceans. Sublittoral sediment towards the mouth of the bay is comprised of medium and coarse sands with occasional bivalve molluscs. Much of the sediment in the centre of the bay and in the upper reaches of the site is composed of firm muddy sand and fine sands. There are extensive seagrass communities in the shallow sheltered parts of the site and Blacksod Bay is also known to have areas of the reef forming polychaete *Serpula vermicularis* on sublittoral sediments.

Infralittoral reefs within Blacksod Bay are sheltered or very sheltered from wave action and subject to weak or moderate tidal streams. Much of the infralittoral reef in Blacksod Bay is composed of boulders, cobbles and pebbles and there are very few areas of exposed sublittoral bedrock.

From a physical perspective, Blacksod Bay is a large area that lends itself to sublittoral habitat mapping using established and direct field methods. Despite the extensive size of the site, the shallow depths and generally clear waters facilitate detailed field investigations of sublittoral habitats and communities.





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Figure 1. Mullet/Blacksod Bay Complex SAC

## 2.2 Rutland Island and Sound SAC

Rutland Island and Sound lies between Aranmore Island and Burtonport in northwest County Donegal. The site is characterised by a network of small islands and interconnecting tidal channels lying between Burtonport and Aranmore. Besides Rutland Island, the SAC includes a number of other small rocky islets as well as extensive littoral and shallow sublittoral areas. The bedrock of Rutland Island is granite, however the dune systems on the western and southwestern side of the island are highly calcareous. While the majority of the subtidal area is less than 10 meters deep, the maximum depths recorded within the site occur in tidal channels and a depth of 20 meters is recorded in Rutland Sound.

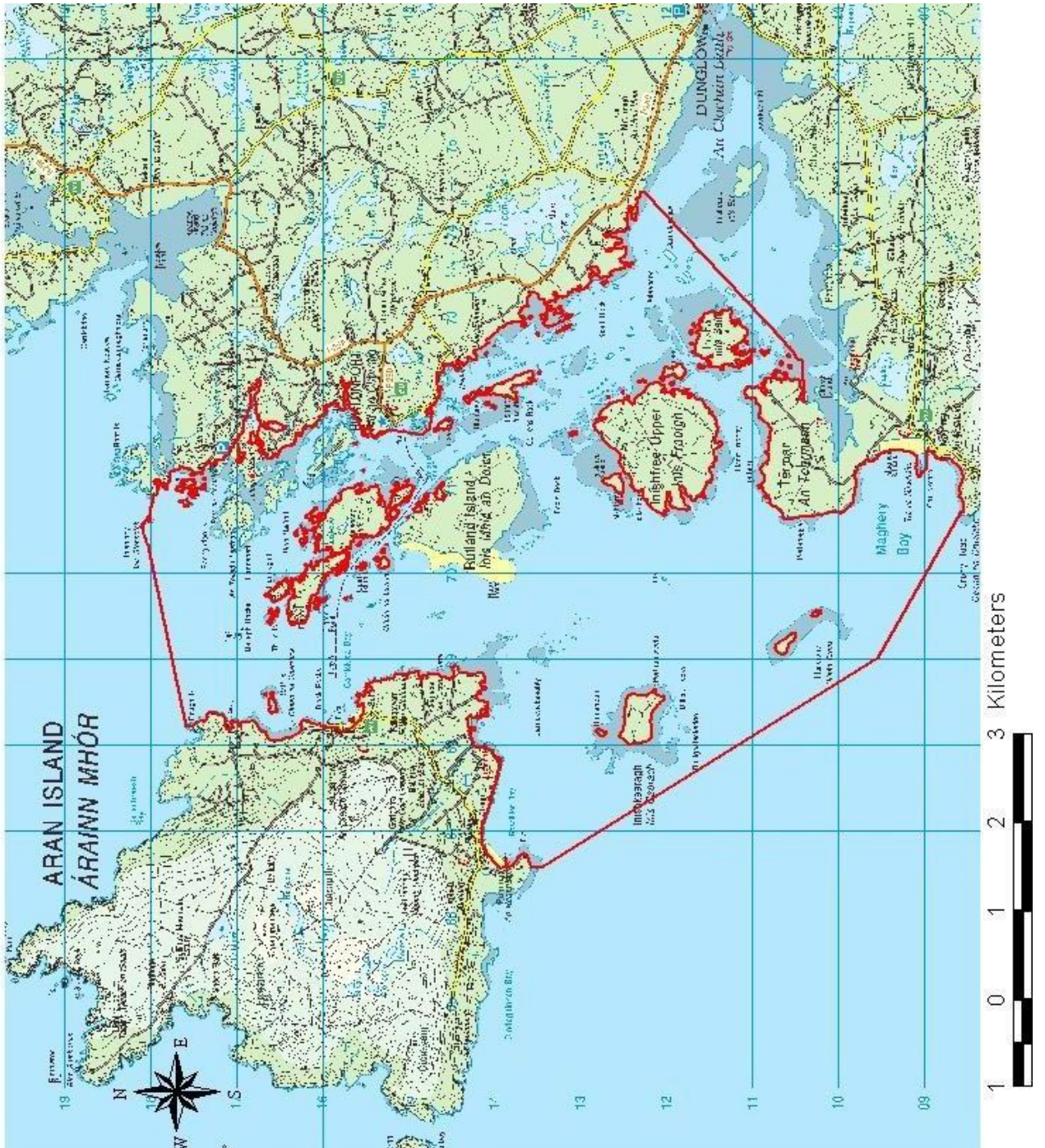
The site is a candidate SAC selected for a range of terrestrial and aquatic habitats listed on Annex I of the E.U. Habitats Directive:

- fixed dunes (Priority habitat)
- lagoons (Priority habitat)
- Marram dunes
- embryonic shifting dunes
- dune slacks
- drift lines
- reefs
- large shallow inlets and bays

Rutland Channel and Sound is a complex of shallow reefs and sediment communities. Exposure of sublittoral habitats to wind waves, ocean swell and tidal currents is highly variable and in accordance with the varying degree of physical shelter present across different sections of the site.

The littoral reefs are typical of these conditions with high species richness in the tide-swept sublittoral fringe. The shallow sublittoral reefs have characteristic tide-swept species rich kelp communities with varying degrees of sand scour. The site is host to a range of sedimentary habitat types from coarse shelly sand to fine sand. Maerl, the free-living red calcareous algae, is believed to occur at several locations at the more open coastal sites on the south of Rutland Island. Numerous beds of seagrass *Zostera marina* are also present within the site. The complex mosaic of sublittoral habitats together with highly variable bottom terrain and strong tidal currents in parts of the site mean that surveying of sublittoral habitats and communities within the site using standard field methodologies requires optimal tidal and weather conditions.





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Figure 2. Rutland Island and Sound SAC

## 2.3 Mulroy Bay SAC

Mulroy Bay is an extremely sheltered inlet situated between the Rosguill and Fanad Peninsulas on the north coast of County Donegal. Mulroy Bay is a glacial fjard. The site extends over 18 km from Ballyhooriskey Point in the north to Milford Bay in the south. The dominant physical features of the site are an extended sea channel measuring 13km in length that connects the open sea to the Broad Water - first and largest of two areas of open water within the site; the Moross Channel which extends northwards from the Broad Water and connects with the North Water, the second and smaller area of open water.

Water depths within the site vary greatly. In the main channel, depths are generally less than 10 meters and there are a number of deeper pockets, with the greatest depth (22 meters) in this area occurring just south of the First Narrows. The northern section of the Broad Water has extensive areas that are greater than 20 meters deep and a maximum depth of 39 meters occurs just south of The Hassans. In contrast, the southern section, which is considerably narrower, has very large areas that are less than 10 meters deep while the remainder is between 10 and a maximum of 20 meters deep.

Depths in the Moross Channel vary from 10 meters to over 30 meters in the southern section, south of Moross Castle, while the northern section is mainly less than 5 meters deep. The greatest depths within the site occur in the North Water (51 meters) and depths in this section of the site are in the main greater than 20 meters.

In general, the Narrows are shallow and have very fast moving waters, while the greater depths and dimensions of the North Water and Broad Water mean that currents are considerably slower here. The tidal regime within Mulroy bay is affected by the three Narrows that are to be found in the main channel. The effect of these is to delay the times of high and low water as well as to reduce the amplitude of the tide. Parkes (1958a) quotes a delay of some two and a half hours between the bar at the mouth of Mulroy Bay and Cranford, a village on the Broad Water. A reduction in tidal amplitude from 4.5m to 1.6m is also reported for the same locations on a spring tide. Currents are also particularly strong at the northern limits of the Moross Channel, north of Moross Castle as far as the entrance to the North Water.

The Moross peninsula, which separates the North Water from the Broad Water, is a large glacial drumlin. Bedrock is principally metamorphic quartzite, limestone, schist and gneiss, with intrusive granite at the mouth. Mulroy Bay is designated as an SAC as it displays excellent examples of two habitats listed on Annex I of the EU Habitats Directive

- reefs
- large shallow inlets and bays

The site contains a good range of different sediment types that include coarse sand, maerl and numerous exposed and sheltered reefs with varying currents. Mulroy Bay is particularly known for its extremely sheltered reefs that are subject to weak currents, and which are rare in Ireland. At one time a large population of the scallop *Pecten maximus* occurred in Mulroy Bay and this was commercially managed. More recently a

large aquaculture industry has developed and large scale intensive bivalve cultivation, intensive fin fish rearing as well as extensive bivalve (scallop) production takes place within the site.

Much of the shores of Mulroy Bay are a mixture of boulder, cobbles and gravel. Tide-swept coarse gravel and boulders occurs at headlands within the bay and in channels leading into small loughs off the bay e.g. Back Lough and Wee Sea.

The shallow water reefs exposed to wave action are rugged bedrock with gullies  
The sedimentary seabed habitats within the bay vary from coarse sand to very sheltered soft mud with a range of current strengths. The outer part of the bay is characterised by coarse to medium sand bottoms and with increasing shelter the sediments become finer and include medium to fine sands, muddy sand, sandy mud and mud. There are extensive areas of both living and dead maerl deposits in many parts of the sea channel that connects the Broad Water with the open sea.





## 2.4 Existing Information on the sites

### 2.4.1 Mullet/Mullet/Blacksod Bay Complex SAC

In August 1994, BioMar (Picton & Costello, 1997) carried out a survey of the Blacksod Bay area, which included observations on sublittoral reefs, sediments and intertidal sites. The survey was carried out during the course of the national survey of benthic habitats and was carried out using SCUBA techniques to survey 14 sites, all of which were located within the present SAC boundary. Extensive faunal and floral species lists were produced for each site. Seabed habitats surveyed ranged from bedrock and boulders to mobile sediments on current washed areas to flat plains of muddy sand.

Close to Trawmore Bay an upper shore flat zone characterised by mud snails and paired *Macoma* valves but no *Arenicola* on the surface was recorded. This gave way to a dense hummocky *Arenicola* flat with paired bivalve shells common, particularly *Cerastoderma*. The beach fauna was rich and abundant in this area. NW of Kanfinalta Point the seabed at 11.5 m BCD was firm fine muddy sand with *Amphiura* spp. the characteristic infauna with *Asterias rubens* and *Astropecten irregularis*. Well sorted sediments were extensive throughout the area. NW of Kanfinalta Point on the eastern side of the bay the seabed at 6.6 m BCD was a plain of medium compact sand with areas of coarse rippled sand. The dominant infaunal component were bivalves particularly *Ensis* spp. with *Philine aperta* on the surface.

Dives in the centre of Blacksod Bay at 6.5 m BCD revealed seabed materials that consisted of fine muddy sand with many empty shells, largely of *Modiolus modiolus*. A few hydroids were attached to shells and *Chaetopterus variopedatus* tubes and the worm *Megalomma vesiculosum* was common. West of Srah (near Claggan Point) the substratum was a plain of well sorted, with some dead, bivalve shells and occasional *Echinocardium* tests. *Philine aperta* was common and *Sagartiogeton undatus* frequent. There were numerous worm tubes and frequent small burrows. East of Claggan Island the seabed at 6 m BCD consisted of fairly mobile sand with patches of algae and boulders covered with *Metridium senile*. Inshore the sand was replaced by rugged bedrock rising to the shore, covered with foliose algae.

In the channel NW of Claggan Point, the seabed rose steeply from 9.8 m BCD to 7.8 m BCD as a boulder slope with *Metridium senile* and *Alcyonium digitatum*. Towards the top of the slope the seabed levelled out to a plain of sand with occasional boulders. A weak tidal stream running through the channel was recorded here. South of Emlybeg Point in the northern inner reaches of Blacksod Bay the seabed at 6.5 m BCD was a level plain of soft flocculent sandy mud characterised by *Anthopleura ballii* with a cover of diatoms. In one area the seabed was covered with decaying algae. SW of Ardmore Point the substratum was a mixture of boulders, cobbles, pebbles and coarse sand. There were large areas with flocculent algae and *Chorda film* attached to the rocks. There were also patches almost devoid of algae with *Paracentrotus lividus*. *Modiolus modiolus* was common.

South of Barranagh Island a flat seabed at 8.6 m BCD consisted of fine muddy sand with abundant *Turritella communis* and *Philine aperta*. Outside Elly Bay on the western side of the site, the seabed at 4.2 m BCD was a plain of fine firm muddy sand with dense patches of *Zostera marina*. Between the *Zostera* small 'reefs' of *Serpula* provided attachment points for algae and other organisms. The bivalve fauna was poor.

South of Ardelly Point the seabed at 7.2 m BCD consisted of flat muddy sand with reefs of rugged bedrock. SSW of Ardelly Point the substratum was a plain of poorly sorted sediment with numerous dead shells, large and small. *Zostera marina* was common and an algal mat was present in places. *Sagartiogeton undatus* and *Anthopleura ballii* were frequent.

East of Blacksod Point in the southern section of the site, the substratum was a plain of medium sand with small ripples running in a NNW/SSE direction. The sand was very barren, the only conspicuous infauna was occasional *Glycymeris glycymeris* and *Ensis* spp. Occasional *Asterias rubens* and *Pagurus bernhardus* were also seen.

Farran (1915) carried out a biological survey of Blacksod Bay, however the reference could not be located and therefore the results of this were not available to the survey. No other pertinent data in relation to the site was located or identified during a literature review.



## 2.4.2 Rutland Island and Sound SAC

In July 1996, BioMar (Picton & Costello, 1997) carried out a survey of the Rutland Island and Sound area, which included observations on sublittoral reefs, sediments and intertidal sites. The survey was carried out during the course of the national survey of benthic habitats and was carried out using SCUBA techniques to survey 15 sites, all of which were located within the present SAC boundary. Extensive faunal and floral species lists were produced for each site. Seabed habitats surveyed included bedrock and boulders, mobile coarse sediments including gravel and pebbles in strong current washed areas and flat plains of sand.

NE of Termon, the intertidal was characterised by moderately exposed shore on sheltered uneven broken bedrock with scattered, mainly very large - large boulders on north facing shore fringing a sandy area between islands and rocky reefs where tidal flow is restricted to channels. The subtidal fringe consisted of rock covered by laminarians shelving to a sandy seabed. Subtidal zones were tide swept with a rich and varied epifaunal community forming an underlayer amongst sand encrusted rock with a brown and red algal upper canopy. SW of Wyon Point, the seabed at 13.4 m BCD was a plain of cobbles and sand with *Anthopleura balli* and sparse red algae leading onto a plain of flat sand further from the shore. The sand supported *Echinocardium cordatum* with numerous bivalve species. WNW Wyon Point the substratum at 6.4 m BCD was a plain of coarse shelly sand with some gravel and cobbles. The area was characterised by brown algae, in particular *Eudesme* sp., *Laminaria saccharina*, *Chorda filum* and *Desmarestia* sp. The polychaete *Chaetopterus variopedatus* and the bivalve *Ensis arcuatus* were frequent.

The seabed east of the north end of Illauncrone island, approximately 200 m from the shore consisted of medium sand scattered with small cobbles and large pebbles to which the smaller algae were attached. The flora was dominated by brown algae, especially the *Laminaria*, many of which were detached. Low abundance of red algae were scattered in between the brown algae. Animal life was not abundant with Anthozoa and Opisthobranchia most common with low numbers of fish.

Middle Channel between Duck and Eighter Islands consisted of maerl, gravel and coarse sand with *Anthopleura ballii* and foliose algae on the seabed at 10 m BCD. The seabed close to NE Iniskeeragh at 3.2 m BCD consisted of coarse sand covered with a bed of *Zostera marina* and some brown algae (*Chorda filum*, *Laminaria hyperborea* and *Laminaria saccharina*). *Anthopleura ballii* and *Urticina felina* were frequent buried in the sand, whereas *Anemonia viridis* was found mainly on the *Zostera*.

SE of Clogher Point, the seabed at 4 m BCD consisted of medium sand in large dunes, with some decaying algae and evidence of anaerobic conditions in the raised parts of the dunes. Fauna and flora were sparse, with *Echinocardium cordatum* and *Ensis arcuatus* most characteristic of the biotope.

Rutland South Channel was found to be subject to varying tidal streams. The substrate consisted of shelly sand, which was highly mobile and showed tidal ripples. Burrowing bivalves were abundant and the area supported a few species of brown algae. There were occasional decapod species and plentiful juvenile flatfish.

West of Inisméal a sea channel at 10.4 m BCD consisted of large angular blocks of bedrock and large boulders forming a rough ridge. Between the rocks were areas of muddy compacted sand and shelly gravel. The rocks supported ascidians and red algae with encrusting sponges. The sand had anemones and bivalves in a patchy distribution.

In Rutland Channel, the seabed at 11 - 14 m BCD consisted of bedrock and boulders on shelly gravel. The rock and boulders were characterised by sponges, hydroids and ascidians.

East of Toninish Point, the seabed at 8.8 m BCD consisted of cobbles with coarse sand that rose slightly to bedrock and dipped again to 5.8 m BCD where the seabed was characterised by cobbles and pebbles. The bedrock was dominated by *Laminaria hyperborea* and *Delesseria sanguinea*, with *Halichondria panicea* on the kelp stipes. The cobbles were characterised by *Desmarestia ligulata* and *Dictyota dichotoma* and the sea anemones *Cereus pedunculatus* and *Urticina felina* which were buried in the coarse sand. There was a moderately strong tidal stream (1 - 3 knots) flowing through this channel.

SE of Toninish Point – an area was surveyed in a channel (< 100 m wide) between two islands. The area was virtually enclosed and not subject to effects of swell. The seabed at 5 m BCD was bedrock leading to an area of boulders with sand at 14.8 m BCD. The rock supported tunicates, hydroids and anemones. The seabed flattened out into a plain of cobbles and sand characterised by dense anemones.

Rutland South Channel - the seabed in this area consisted of rocky reefs surrounded and covered by medium sand. Foliose brown algae, especially *Taonia atomaria* were frequent. The sea anemones *Anthopleura ballii* and *Urticina felina* were common. *Aplidium pallidum*, *Clavelina lepadiformis*, *Diplosoma spongiforme* and *Alcyonidium diaphanum* were frequent on the rock.

South of Carrickbealatroha, the substratum at 1.6 m BCD was a plain of coarse shelly sand, poorly sorted with numerous bivalves, *Ensis* sp.

South of Calf Island, the seabed at 6 m BCD consisted of sand with large patches of the eel grass *Zostera marina*.

No other pertinent data in relation to the site was located or identified during a literature review.

### 2.4.3 Mulroy Bay SAC

In July 1993, BioMar (Picton & Costello, 1997) carried out a survey of Mulroy Bay, which included observations on sublittoral reefs, sediments and intertidal sites. The survey was carried out during the course of the national survey of benthic habitats and was carried out using SCUBA techniques to survey 22 sites, all of which were located within the present SAC boundary. Extensive faunal and floral species lists were produced for each site. Seabed habitats surveyed included bedrock and boulders, mobile coarse sediments including gravel, pebbles and maerl in strong current washed areas and flat plains of mud.

West of Bar Rocks, in the centre of the northern end of the main channel, the seabed was a shallow plain of rippled sand with some drift algae. Sediment was medium sand characterised by *Crangon crangon* with *Echinocardium cordatum*, *Spisula elliptica*, *Angulus tenuis* and some *Ensis arcuatus*.

The area East of Knox's Hole consisted of a deep depression in the seabed opposite a small indent off the main channel leading into Mulroy Bay. The hole consisted of a steep dune of maerl gravel, then a steep to vertical bedrock cliff. The bottom of the hole was filled with angular boulders, which extended up into the upper infraintertidal, and a separate vertical cliff face also extended into the upper infraintertidal.

An intertidal site close to Mark's Point was located on a headland projecting into the main channel. The substratum consisted of gravel and cobbles on the upper shore and gravel with small boulders on the low shore. The Back Lough Narrows was generally shallow with boulders, cobbles and patches of gravel and clean sand. The channel was characterised by dense growths of algae and sponges on the rocks with the bivalves *Venus verrucosa* and *Tapes* occurring in the gravels between the boulders. The shores displayed restricted zonation of a *Fucus spiralis* zone and a very limited *Pelvetia canaliculata* zone.

The area SE of Scalpmore in the Broad Water is characterised by a large intertidal bank of rocks. The seabed consisted of a gentle mud slope with many clumps of *Asciidiella aspersa* and flocculent algae in 5 m to 8 m BCD. Below 8 m the algae were no longer present and *Asciidiella* became less abundant. *Turritella communis* were also abundant.

A site was surveyed north of Pan Bay in Broad Water to the east of the Third Narrows. The site was in deep water adjacent to the shallow area where strong currents occur. The seabed was predominantly maerl gravel with some live plants. Dominant in the shallower areas < 16 m BCD was the cucumber *Neopentadactyla mixta* and the sea squirts *Asciidiella scabra* and *Asciidiella aspersa*. *Nemertesia ramosa* was also common.

SE of Deegagh Point was surveyed because it was one of the few rocky areas on the west side of the Broad Water. A ridge of bedrock with a thin covering of silt was recorded here. Some species more typical of sediment were present in small pockets of mud. The sponge fauna was abundant and diverse.

East of Deegagh Point BioMar recorded a plain of soft mud with large mounds. *Ascidiella aspersa* was abundant/common and the brittle stars *Ophiocoma nigra* and *Ophiothrix fragilis* were present in crevices between the *Ascidiella aspersa*.

An area southwest of Rough Island in Broad Water was characterised by a slope of soft mud covered with flocculent algae in shallow water. There was a narrow band of *Zostera marina* in the subtidal fringe then flocculent algae and *Chorda filum*. Large numbers of *Leptosynapta inhaerens* occurred amongst flocculent algae. The deeper water was dominated by *Ciona intestinalis* and *Ascidia virginea*.

The shore east of Gortnatra Bay was restricted in width to approximately 10 m and three habitats were recorded. The upper shore was characterised by a very restricted *Fucus spiralis* zone on angular cobbles extending to a wider band of *Ascophyllum nodosum* and *Fucus vesiculosus*. The lower shore was characterised by *Fucus serratus* with *Mastocarpus stellatus* and *Codium* sp. extending subtidally. Patches of sandy mud supported *Arenicola marina*.

Southwest of Campbell's Bed - the site surveyed was located on the west side of Broad Water, adjacent to a bedrock reef that rises above chart datum. The seabed dropped from 6.5 m BCD down a cliff to a steep muddy slope at 13.5 m BCD. The cliff was characterised by *Parerythropodium coralloides* amongst large clumps of sponge *Stelletta grubei* and *Dercitus bucklandi*. The top of the cliff was covered with *Ascidiella aspersa*. Further back from the edge the seabed was soft mud with the bubble shell *Haminoea navicula* and the cucumber *Thyone fusus* was present.

Close to the southern end of the Moross Channel, a site southeast of Mullaghanardy Point was characterised by a soft mud slope with abundant *Ascidiella aspersa*. *Ophiothrix fragilis* and *Anthopleura ballii* were common, becoming abundant in shallow water. *Thyone fusus* and *Leptopentacta elongata* were also both frequent among ascidian clumps.

In Rosnakill Strait, further south of Mullaghanardy Point and in an area adjacent to a large sea cage site holding salmon, the seabed at 8 m BCD was a flat plain of gravel with file shells *Limaria hians*. In between and on the nests were anemones particularly *Cereus pedunculatus* with some small *Anthopleura ballii*. The sponge *Esperiopsis fucorum* was frequent on the consolidated *Limaria* galleries. *Ophiothrix fragilis* were abundant with *Ophiocoma nigra* common on the sediment. The habitat was extensive sloping very gently to 7 m BCD.

Close to Moross Castle in Moross Channel *Limaria hians* was dominant. The brittle star *Ophiothrix fragilis* was common, so too was the anemone *Anthopleura ballii*.

At Stookan Rocks in North Water the seabed was a terraced rock slope, heavily silted, with clumps of angular boulders. The rock faces had sponges beneath sediment, especially *Polymastia* species. The seabed south of Greers Island in North Water was comprised of a bedrock slope. The rock was covered with aggregated silt with patches of muddy/shelly gravel and was characterised by sponges in particular *Esperiopsis fucorum* and *Iophon hyndmani* and tunicates particularly *Ascidia virginea* and *A. mentula*. At 6.2 m BCD bedrock slope became algal dominated with *Griffithsia corallinoides* and *Codium* sp. At 2.2 m *Laminaria saccharina* was dominant.

At outer Millstone Bay in the main channel, the seabed was characterised by a plain of small cobbles mixed with maerl and empty shells of *Circomphalus casina*. Small boulders were also present with *Laminaria hyperborea* and *Laminaria saccharina* attached to the upward faces of the boulders. *Ophiocomina nigra* was abundant on the cobbles and *Anemonia viridis* was common on the cobbles and shells.

North of Tirloughan Bay in the main channel the seabed consisted of cobbles and small boulders with *Laminaria hyperborea* to 10 m, red algae slightly deeper. The slope into the hole had boulders covered with *Trididemnum cereum* and *Esperiopsis fucorum*, the slope out with *Flustra foliacea* and *Urticina feline*.

At Dundooan Rocks just south of the First Narrows, a kelp forest extended to 12 m BCD, and there were shallow patches of coarse sand with no algae. Below the kelp forest there was a mixture of steep and vertical rocks and boulders. Doaghmore Strand, located on the eastern side of the entrance into Mulroy Bay, was characterised by mobile sand with occasional clumps of *Polyides rotundus* and *Gracilaria verrucosa* attached to underlying rock.

Parkes (1958a, 1958b) conducted a general survey of the marine algae of Mulroy Bay, Co. Donegal. Minchin (1981, 1987) investigated the pectinid fisheries of Mulroy Bay and conducted research into the spawning behaviour of the starfish *Marthasterias glacialis*. Minchin *et al.* (1987) assessed the impacts of organotin antifouling on scallop spawning in Mulroy Bay. Minchin (1995) detailed the recovery of a population of the Flame Shell *Limaria hians* in Moross Channel, which had previously been contaminated with TBT. The presence of Couch's Goby (*Gobius couchii*) within the site was reviewed by Minchin (1988).

Somerfield (1985) carried out a study of the Bubble shell *Haminoea navicula* in the Wee Sea, Mulroy Bay County Donegal as part of a postgraduate thesis.

The survey team gratefully acknowledges the assistance of Dr Julia Nunn, Ulster Museum for sharing useful unpublished data and information in relation to the distribution of maerl and *Zostera marina* within Mulroy Bay.

## **3. Materials and methods**

### **3.1 Background research and planning**

Methodologies employed during the 2008 surveys were identical to those used in previous surveys conducted in 2005, 2006 and 2007; during which the subtidal communities of Kilkieran Bay and Islands, Kingstown Bay, Clew Bay Complex, Slyne Head Peninsula, Galway Bay Complex, Roaringwater Bay and Islands, Lough Hyne Nature Reserve and Environs, Valentia Harbour and Portmagee Channel SACs were surveyed and mapped.

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, conducted prior to any fieldwork. The literature review uncovered as much detail as possible in relation to the nature, extent and distribution of key sublittoral communities within Blacksod Bay, Rutland Island and Sound and Mulroy 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, NPWS orthographics and NPWS site synopses. Contact was also made with local National Parks and Wildlife Conservation Rangers and District Conservation Officers from whom supplementary information in the form of unpublished data and anecdotal records were obtained. 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 literature review 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 NPWS orthographics ArcGIS.

### **3.2 Field techniques for surveying subtidal communities**

Two techniques, both 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



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 maerl and seagrass communities present within each site were effectively mapped using this technique.

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 7.5 meter 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. The survey vessel was licensed to the respective classes (P3/P6) 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-m<sup>2</sup> area. In many cases, after the initial calibration, areas of *Zostera marina* were encountered where the number of individuals per m<sup>2</sup> 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 <sup>2</sup>	6-11 individuals per m <sup>2</sup>	2-5 individuals per m <sup>2</sup>	<2 individuals per m <sup>2</sup>

### 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 34 days of fieldwork were undertaken. 17 days were required to survey Mullet/Blacksod Bay Complex SAC, while Rutland Island and Sound SAC was surveyed over a 5 day period. Mulroy Bay SAC was surveyed over a 12 day period. The surveys took place between May and September 2008

During this time a total of 5,071 georeferenced data points were recorded across the three sites. These were contained in 417 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.**

<b>Site</b>	<b>Mullet/Blacksod Bay Complex SAC</b>	<b>Rutland Island and Sound SAC</b>	<b>Mulroy Bay SAC</b>	<b>Total</b>
<i>Data points</i>	2365	632	2074	5071
<i>Transect lines</i>	171	51	195	417

In addition, a number of dives were made at Blacksod 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.

The difficult climatic conditions that prevailed for much of the field survey season (June-September) meant that it was not possible to collect the photographic and videographic imagery or to collect detailed species lists for most subtidal communities that had been mapped in Rutland Island and Sound and Mulroy Bay SACs. Due to persistent bad weather and the presence of significant swell conditions, the required underwater visibility conditions did not permit the completion of this aspect of the work at these sites. It is intended to complete this task however at the first opportunity during the 2009 season. Thereafter, the present report will be updated.

Data are most easily interpreted by viewing the series of maps presented in Figures 4.1 to 4.27. 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 summarises data recorded during individual transects while Appendix III contains species lists for key habitats encountered during fieldwork.



Figure 4.1 Living maerl and *Serpula vermicularis* community, Mullet/Blacksod Bay Complex SAC

**Table 4.2 Summary of Figures detailing area and community depicted**

<b>Reference</b>	<b>Area represented</b>	<b>Subject</b>
Figure 4.2	Blacksod Bay (northern section)	Transect lines and data points
Figure 4.3	Blacksod Bay (northern section)	Maerl communities
Figure 4.4	Blacksod Bay (northern section)	<i>Zostera marina</i> communities
Figure 4.5	Blacksod Bay (northern section)	<i>Lanice conchilega</i> communities
Figure 4.6	Blacksod Bay (northern section)	<i>Serpula vermicularis</i> communities
Figure 4.7	Blacksod Bay (southern section)	Transect lines and data points
Figure 4.8	Blacksod Bay (southern section)	Maerl communities
Figure 4.9	Blacksod Bay (southern section)	<i>Zostera marina</i> communities
Figure 4.10	Blacksod Bay (southern section)	<i>Lanice conchilega</i> communities
Figure 4.11	Blacksod Bay (southern section)	<i>Serpula vermicularis</i> communities
Figure 4.12	Rutland Island & Sound (north)	Transect lines and data points
Figure 4.13	Rutland Island & Sound (north)	<i>Zostera marina</i> communities
Figure 4.14	Rutland Island & Sound (south)	Transect lines and data points
Figure 4.15	Rutland Island & Sound (south)	<i>Zostera marina</i> communities
Figure 4.16	Mulroy Bay (northern section)	Transect lines and data points
Figure 4.17	Mulroy Bay (northern section)	Maerl communities
Figure 4.18	Mulroy Bay (northern section)	<i>Zostera marina</i> communities
Figure 4.19	Mulroy Bay (northern section)	<i>Zostera noltii</i> communities
Figure 4.20	Mulroy Bay (northern section)	<i>Neopentadactyla mixta</i> communities
Figure 4.21	Mulroy Bay (northern section)	<i>Limaria hians</i> communities
Figure 4.22	Mulroy Bay (southern section)	Transect lines and data points
Figure 4.23	Mulroy Bay (southern section)	Maerl communities
Figure 4.24	Mulroy Bay (southern section)	<i>Zostera marina</i> communities
Figure 4.25	Mulroy Bay (southern section)	<i>Zostera noltii</i> communities
Figure 4.26	Mulroy Bay (southern section)	<i>Neopentadactyla mixta</i> communities
Figure 4.27	Mulroy Bay (southern section)	<i>Limaria hians</i> communities





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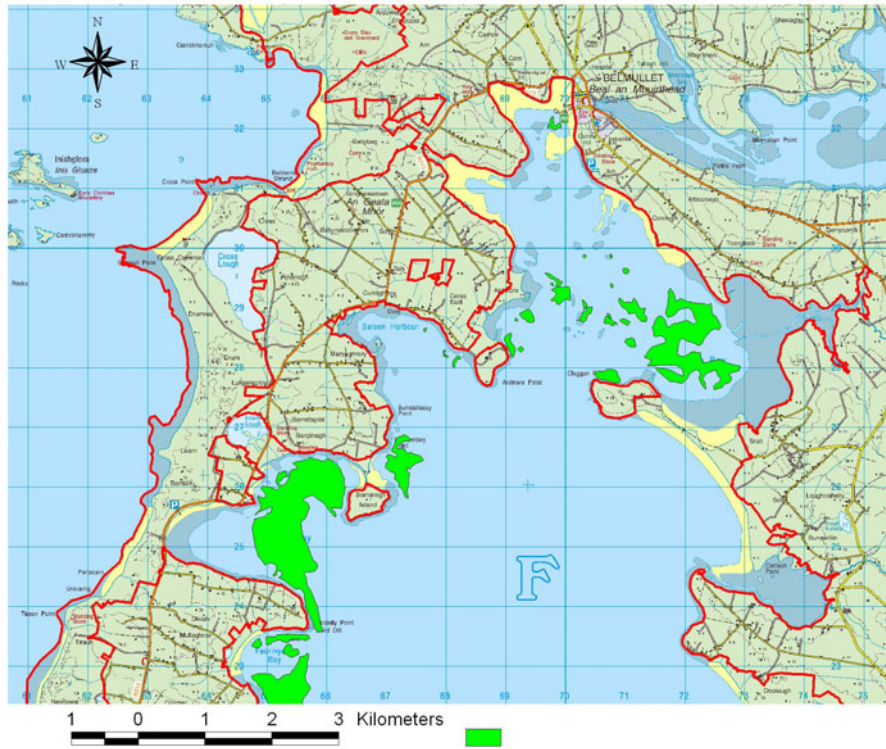
Figure 4.2 Blacksod Bay (northern section) transect lines and data points



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Figure 4.3 Blacksod Bay (northern section) maerl communities



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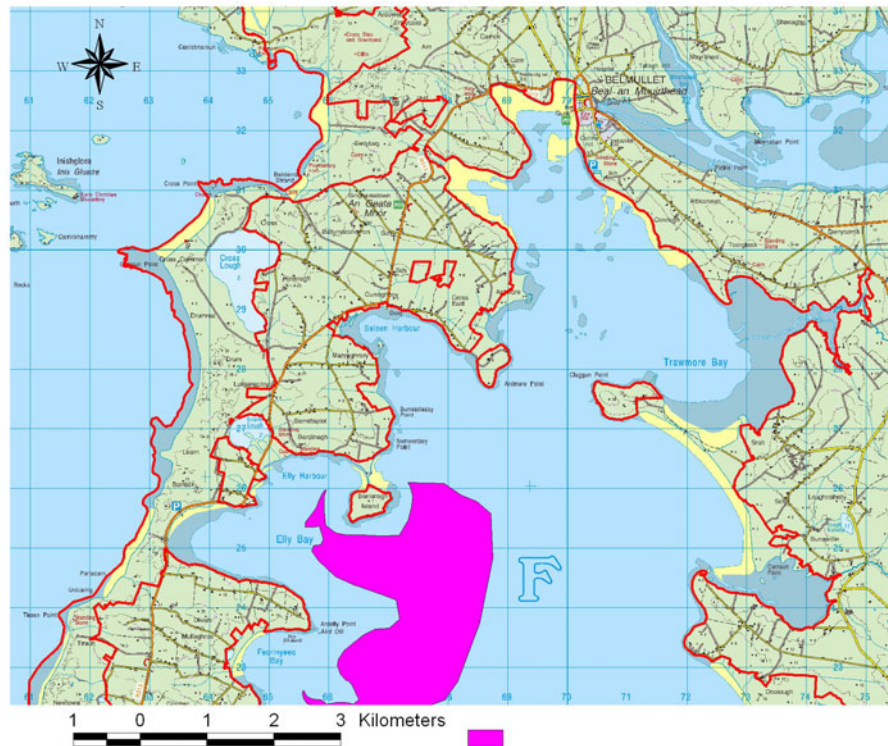
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Figure 4.4 Blacksod Bay (northern section) *Zostera marina* communities



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Figure 4.5 Blacksod Bay (northern section) *Lanice conchilega* communities



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Figure 4.6 Blacksod Bay (northern section) *Serpula vermicularis* communities

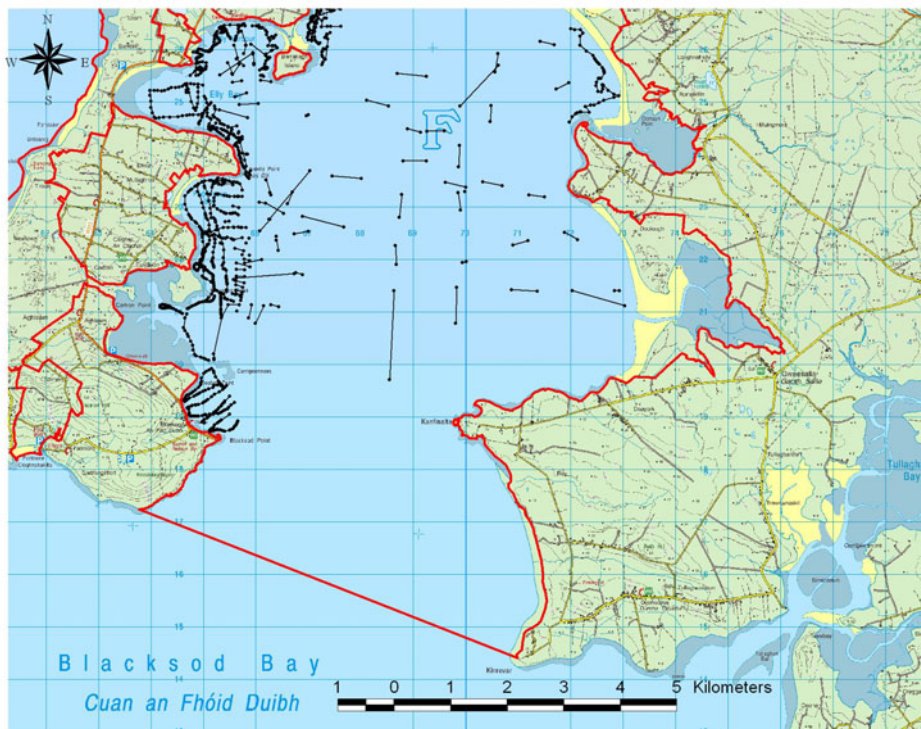
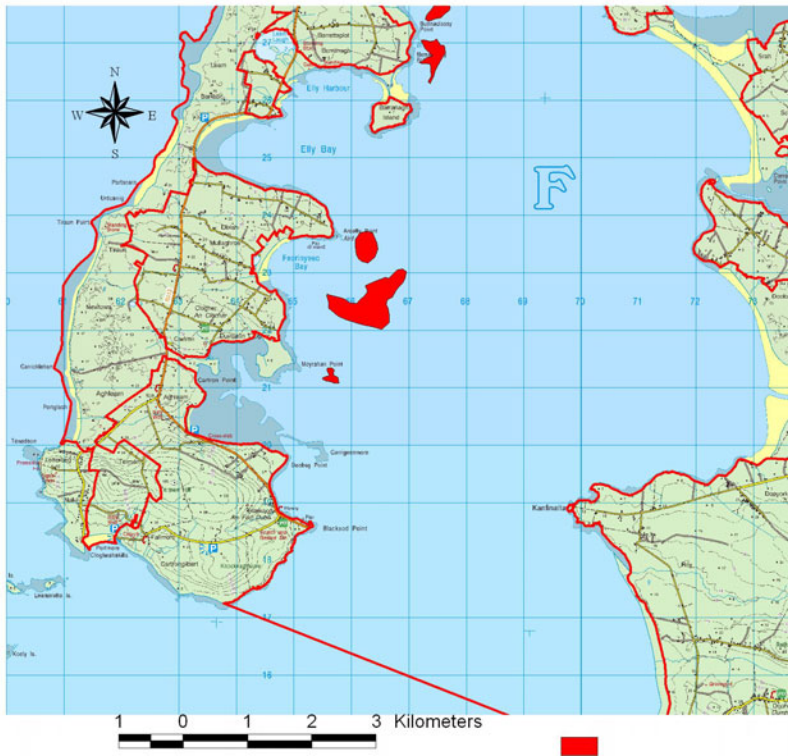


Figure 4.7 Blacksod Bay (southern section) transect lines and data points

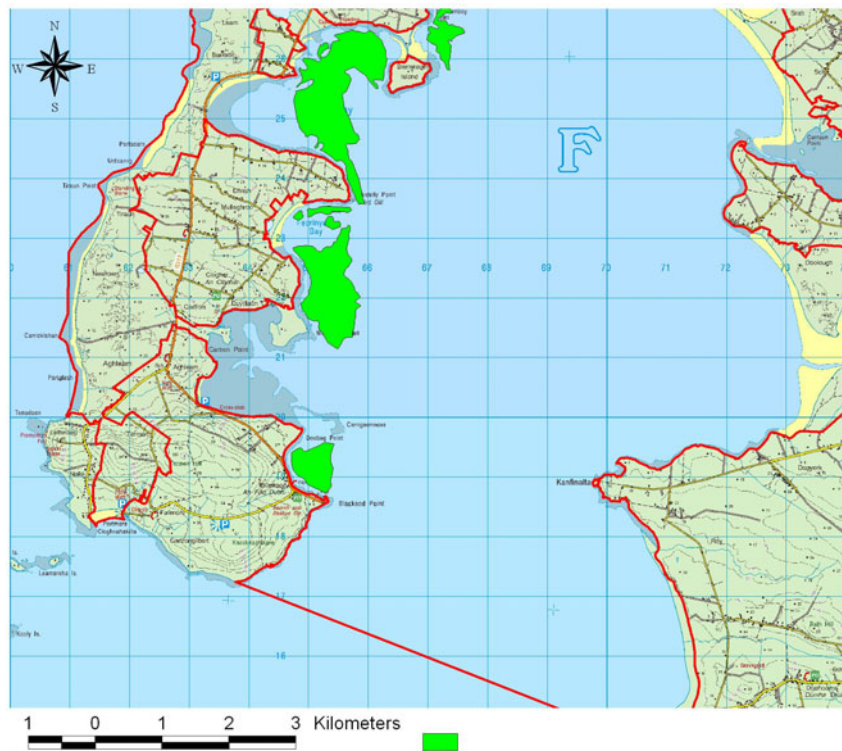




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Figure 4.8 Blacksod Bay (southern section) maerl communities



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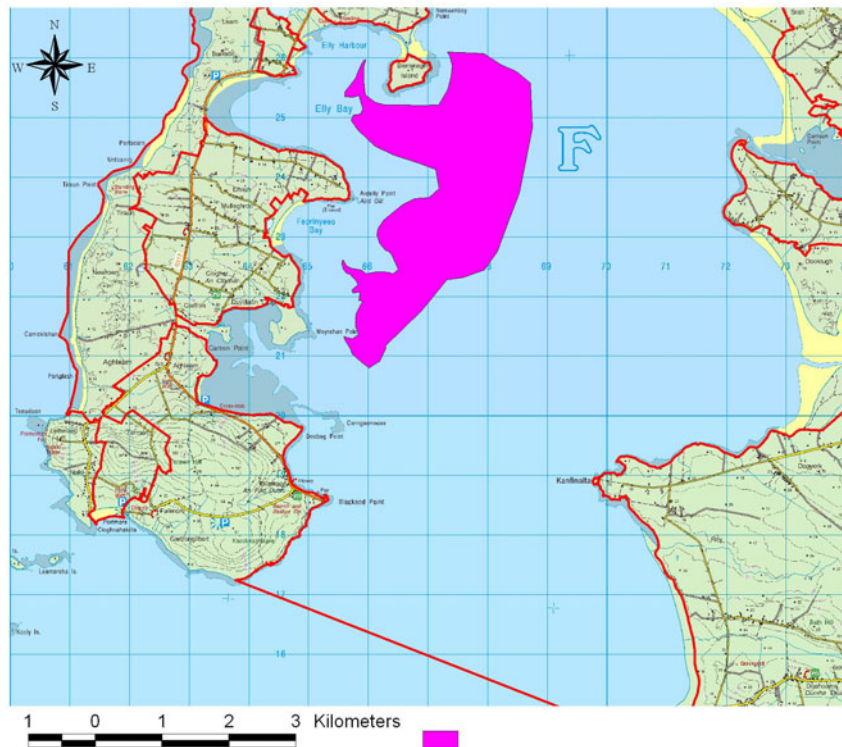
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Figure 4.9 Blacksod Bay (southern section) *Zostera marina* communities



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Figure 4.10 Blacksod Bay (southern section) *Lanice conchilega* communities



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Figure 4.11 Blacksod Bay (southern section) *Serpula vermicularis* communities







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Figure 4.12 Rutland Island and Sound (northern section) transect lines and data points



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Figure 4.13 Rutland Island and Sound (northern section) *Zostera marina* communities



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Figure 4.14 Rutland Island and Sound (southern section) transect lines and data points



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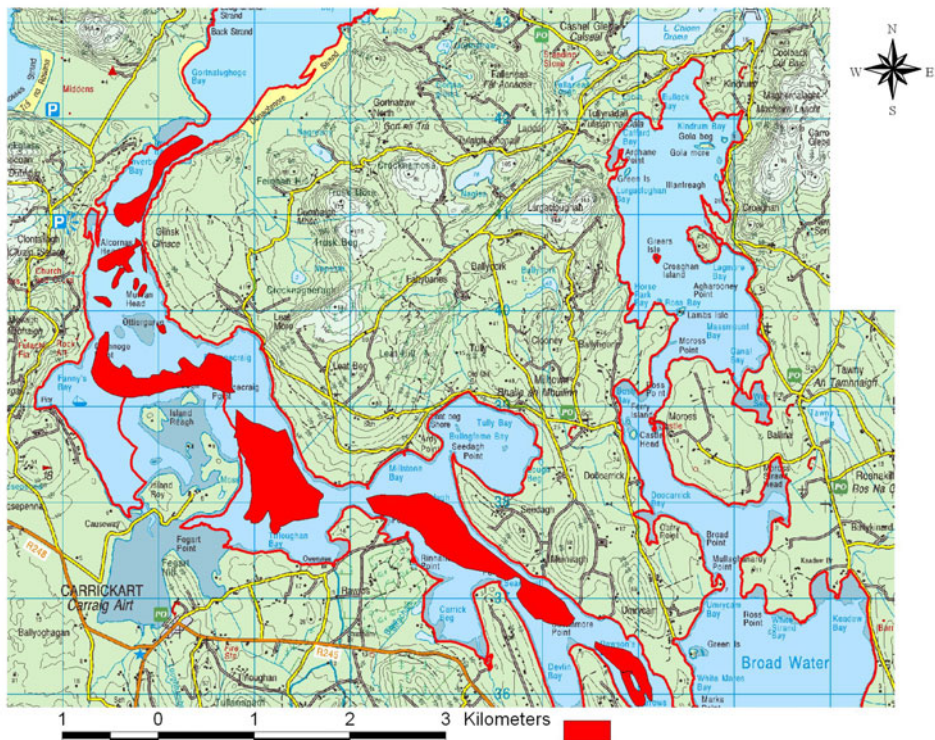
Figure 4.15 Rutland Island and Sound (southern section) transect lines and data points





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Figure 4.16 Mulroy Bay (northern section) transect lines and data points



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Figure 4.17 Mulroy Bay (northern section) maerl communities





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Figure 4.18 Mulroy Bay (northern section) *Zostera marina* communities

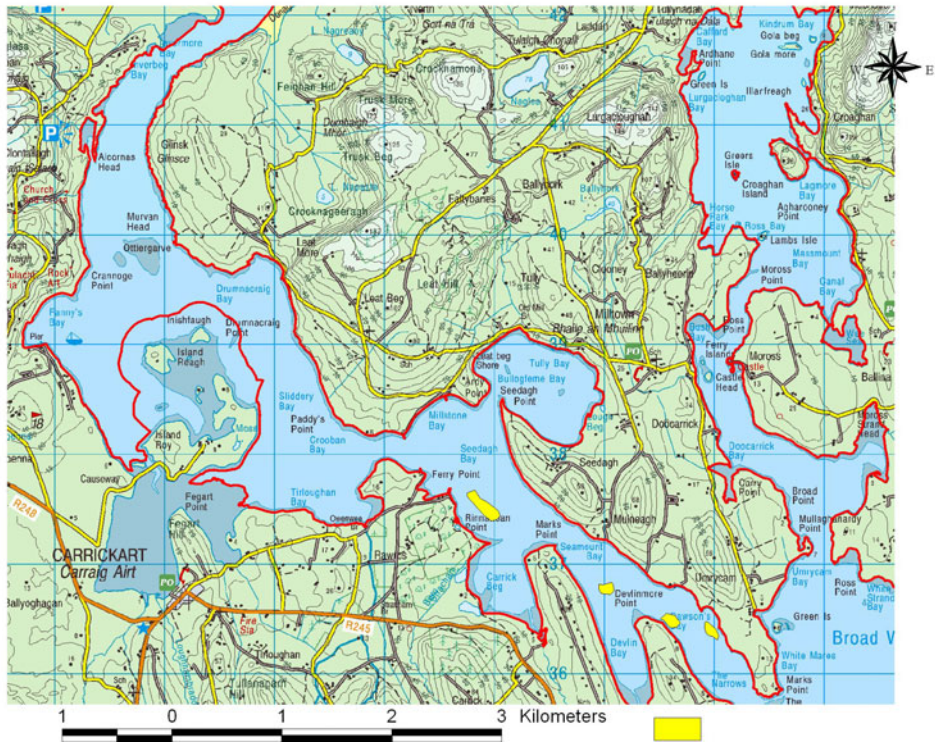


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Figure 4.19 Mulroy Bay (northern section) *Zostera noltii* communities





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Figure 4.20 Mulroy Bay (northern section) *Neopentadactyla mixta* communities

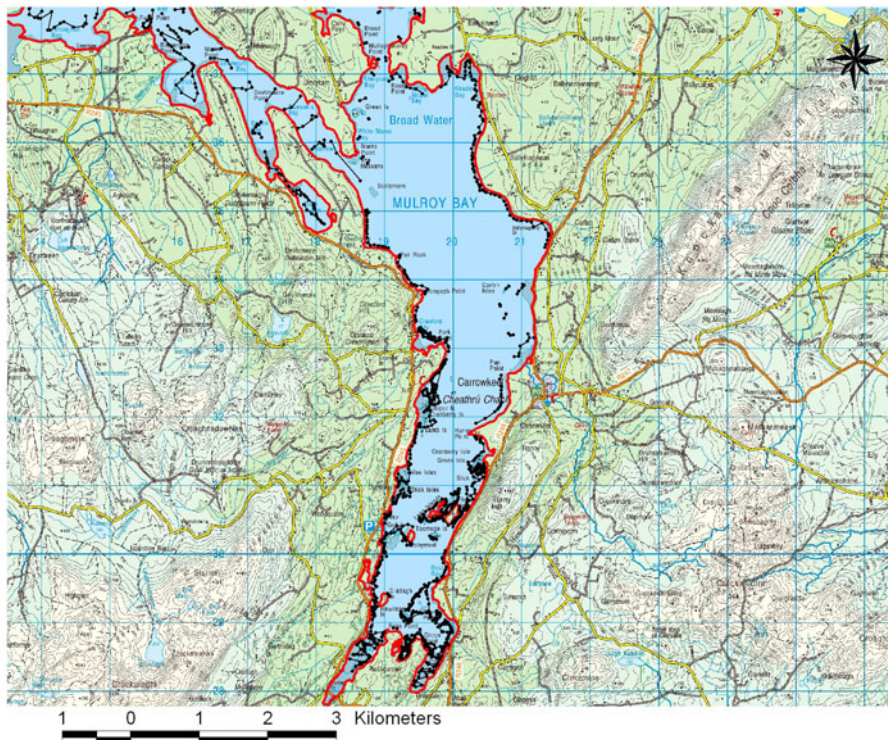


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Figure 4.21 Mulroy Bay (northern section) *Limaria hians* communities

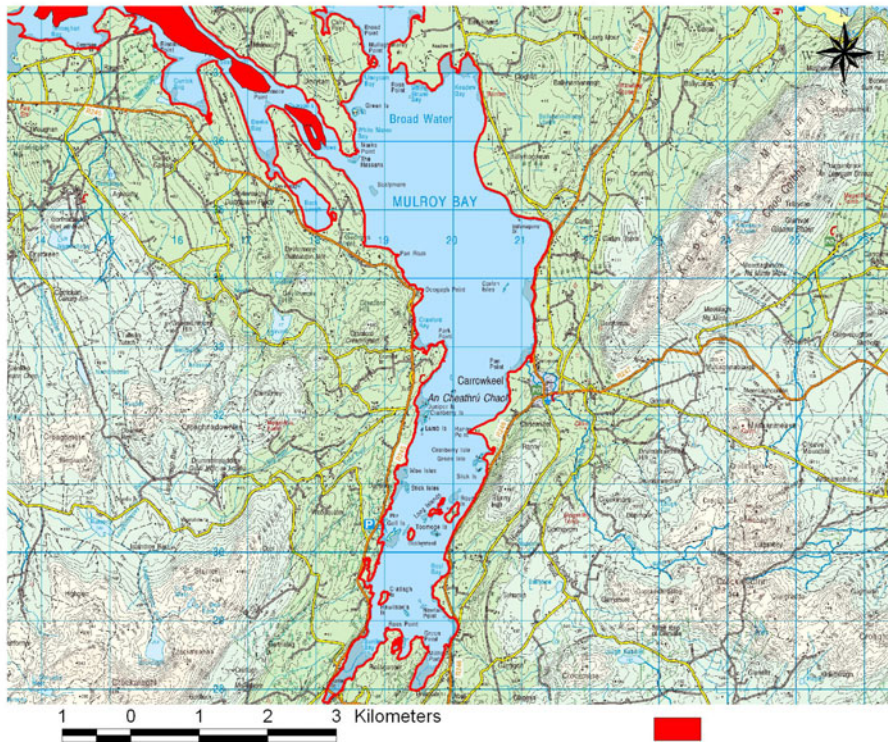




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Figure 4.22 Mulroy Bay (southern section) transect lines and data points



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Figure 4.23 Mulroy Bay (southern section) maerl communities

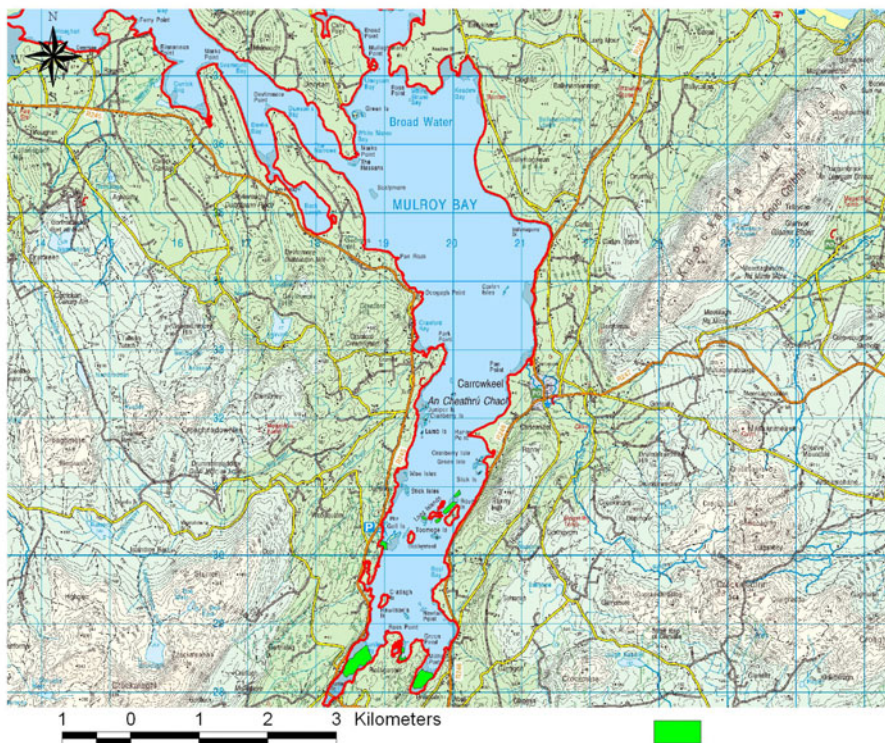




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Figure 4.24 Mulroy Bay (southern section) *Zostera marina* communities



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Figure 4.25 Mulroy Bay (southern section) *Zostera noltii* communities

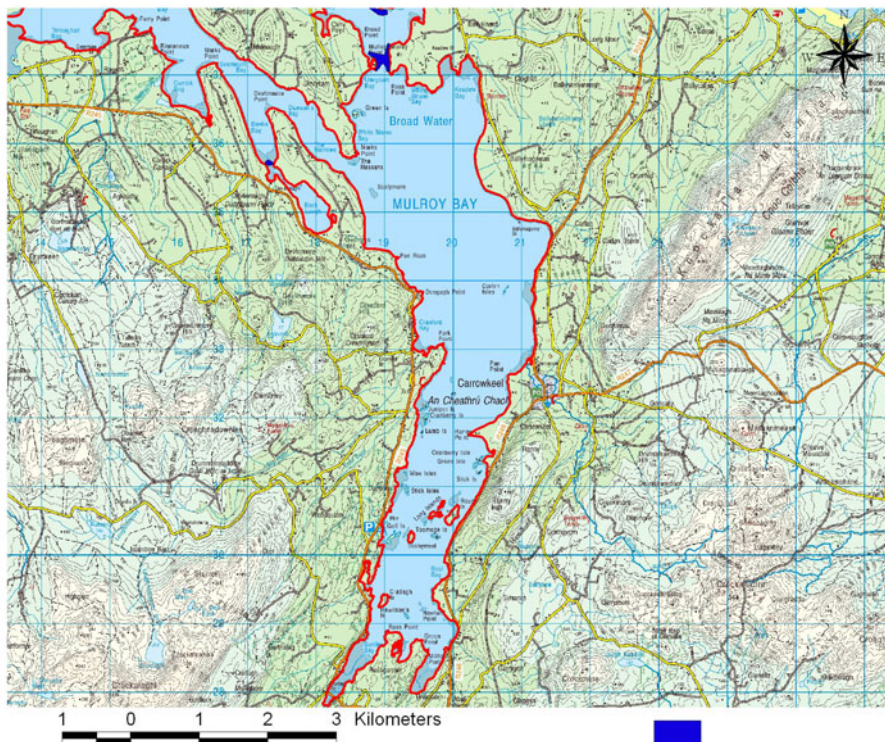




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Figure 4.26 Mulroy Bay (southern section) *Neopentadactyla mixta* communities



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Figure 4.27 Mulroy Bay (southern section) *Limaria hians* communities

## 4.2 Results - Mullet/Blacksod Bay Complex SAC

The survey has confirmed the importance of this marine site by mapping in detail the extensive subtidal seagrass, maerl, serpulid and invertebrate communities present.

The large amount of new baseline data collected for Blacksod Bay during the survey reflects the fact that very little data was in existence in relation to the subtidal habitats and communities within the site prior to the survey.

The physical conditions prevalent during the survey were in general excellent with clear water and calm sea conditions. As a result, large amounts of data could be generated within the shallow sections of the site from the surface and without the need for diver transects. As a consequence of this, greater time could be allocated to mapping some of the deeper communities such as maerl, *Serpula vermicularis* and *Lanice conchilega* by diving transects.

Extensive areas of seagrass and maerl (the latter previously unrecorded at within the site) were mapped during the survey. In addition large areas of the unusual community of *Serpula vermicularis* reefs amongst live and dead maerl gravel were mapped. An extensive and abundant community of the Sand mason was encountered during the survey and this was successfully mapped. In the main, the maerl communities occurred as a relatively thin and patchy veneer of both living and dead maerl gravel. However in some areas the cover of living maerl was continuous and in places was thought to have been several inches thick.

Most of the seagrass communities appeared to be in excellent condition and did not appear to be under any immediate threat and from potentially impacting activities. The same was noted in relation to the maerl communities and *Serpula* reefs.

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.

Despite the success of the survey, there remains some further photographic and video imagery to be collected along with community characterisation dives at some sites in Blacksod Bay (in particular the Serpulid reef and Sand mason communities have not been adequately described. It is intended to revisit the site during 2009 to complete this task.



### **4.3 Results - Rutland Island and Sound SAC**

The survey of Rutland Island and Sund successfully mapped large areas of previously unrecorded seagrass communities. These occurred principally on the eastern side of Arranmor Island as well as off Iniskeeragh. Smaller pockets of seagrass communities were recorded in a number of other parts of the site also.

The survey did not locate any of the maerl communities described as being present from the BioMar dataset. On several dives conducted specifically to investigate the earlier records of maerl there was evidence of the presence of moderate quantities of encrusting forms of calcareous algae, however no free living forms were recorded.

Despite the success of the survey in mapping communities however, due to inclement weather and poor underwater conditions prevalent for most of the summer of 2008, no photographic or video imagery could be collected and no community characterisation dives were carried out. As a consequence, the subtidal communities mapped during the present study have not been adequately described. It is intended to revisit the site during 2009 in order to complete this task.

## 4.4 Results - Mulroy Bay SAC

The survey of Mulroy Bay mapped target subtidal communities in the main channel between Melmore Head and The Hassans, within the Broad Water and North Water, as well as within the Moross Channel.

An extensive maerl community was recorded in the main channel between the First and Third Narrows. In areas with moderate to fast tidal currents, maerl communities were mainly characterised by thin surface veneers of both living and dead maerl gravel and in many cases the maerl was also patchy in occurrence. Beds of deep live maerl were recorded in several areas of the channel also, in particular in the area north and east of Island Roy and on the Seedagh Bank, which lies east of the Second Narrows. Maerl was absent from areas subject to extreme tidal flows, such as the areas in close proximity to all three of the Narrows. The seabed in these areas was characterised by cobbles, stones, pebbles and coarse gravels, as well as some exposed bedrock in places.

Maerl was not recorded in the main channel in most areas where there was little of no tidal flow and the seabed environment within these areas was mainly comprised of extensive areas of sands and muds. No sensitive subtidal communities were observed within these areas. No maerl communities were recorded in Mulroy Bay outside of the main channel area, between the First and Third Narrows.

The sea-cucumber *Neopentadactyla mixta* was recorded in several areas within the channel east of Bullogfeme Bay. Numbers appeared to be low however and no extensive communities of this species were recorded. The species was recorded in association with maerl deposits.

Sea grass communities were recorded in all major sections of the Mulroy Bay SAC. In the channel, extensive areas of seagrass were recorded south of the First Narrows in and around Church Bank and Ottiergarve. The southern section of the Broad Water - from Cranford Bay on the west side to Carrowkeel on the east side, has extensive seagrass communities that comprise both *Zostera marina* and *Zostera noltii*. Seagrass communities are most extensive in Bunlin Bay and Milford Bay, where both *Z. marina* and *Z. noltii* were recorded. The latter species distribution in Broad Water was restricted to the shallower portions of both bays as well as a small area close to Rough Island.

On the east side of the Broad Water, the most extensive seagrass communities were recorded Rough Island and the area of nearshore seabed between Milford bakery and Boat Bay. On the western side of Broad Water, other areas of seagrass included an extended narrow subtidal band running along the shore from the Stick Isles (north of Woodquarter Pier) to Bunlin Bay. A significant seagrass community was also recorded in the southern section of Cranford Bay on the east side of Broad Water, while a further community of *Z. marina* was recorded just south of Ranny Point on the east side.

In the Moross Channel area, a significant community of *Z. marina* was recorded within Bush Bay on the eastern side. Within the North Water, significant seagrass communities (*Z. marina*) were recorded in and around Kindrum in the north eastern corner. Other much smaller seagrass communities were recorded at several locations along both the western and eastern sides of the North Water. Mostly these were of *Z. marina*, however several small communities of *Z. noltii* were also recorded in the North Water, principally

in a small cove east of Ardhan Point on the west side, and also in a small area of Bullock Bay in the northern end of the site.

The distribution of the Flame shell *Limaria hians* was mapped during a series of dives in the Moross Channel area.

The species was recorded in small numbers only however and was not seen to occur in the extensive carpets or dense aggregations as previously described in Minchin (1995). Other than at one site where *L hians* was recorded in larger numbers, the Flame shell was recorded as being rare. In the Moross Channel individual specimens could occasionally be located in a small nest attached to the underside of small stones and rocks, most notably around Moross Castle. A population of several hundred was recorded during a dive at one site southeast of Lambs Island, which lies just inside the North water at the northern end of the Moross Channel.

## 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 Mullet/Blacksod Bay Complex, Rutland Island and Sound and Mulroy Bay SACs. Of particular significance is the mapping of very large areas of previously unrecorded seagrass communities in all three sites, while the recording of maerl in Blacksod Bay appears to be a new record for this community also. The presence of other unusual communities of reef forming Serpulid worms on muddy seabeds with maerl gravel in Blacksod Bay were also important findings. Extensive areas of *Zostera noltii* were recorded within Mulroy Bay, however the survey did not confirm the presence of the extensive beds of *Limaria hians* in the Moross Channel area, as described by Minchin (1995). The survey successfully mapped extensive maerl beds located with the main sea channel linking Mulroy Bay with the open sea and the extent of the maerl communities at this site were far greater than previously known. The survey also mapped small areas of important invertebrate communities including *Lanice conchilega* and *Neopentadactyla mixta* in Blacksod Bay and Mulroy Bay.

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

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# Appendix I Site Synopses

## 1. Mullet/Blacksod Bay Complex SAC

### SITE SYNOPSIS

**SITE NAME: MULLET/BLACKSOD BAY COMPLEX**

**SITE CODE: 000470**

This large coastal site, located in north-west Mayo, comprises much of the Mullet Peninsula, the sheltered waters of Blacksod Bay and the low-lying sandy coastline from Belmullet to Kinrovar. The character of the site is strongly influenced by the Atlantic Ocean and the exposed location of much of the site results in a terrestrial landscape dominated by blown sand and largely devoid of trees. The underlying bedrock is principally metamorphic schist and gneiss. The site displays an excellent range of coastal and marine habitats.

The site is a candidate SAC selected for fixed dune, machair and decalcified dune heath 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 – alkaline fen, eutrophic lake, reefs, Marram dunes, large shallow inlet and bay, tidal mudflats and *Salicornia* mudflats. 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.

Blacksod Bay is 16 km in length and 8 km wide at the mouth. It is a shallow bay, reaching a maximum depth of 19 m and with weak tidal streams. The bay has a good range of representative littoral and sublittoral sediment communities and also infralittoral reefs.

The littoral sediments of the bay consist of areas that are moderately exposed to, or very sheltered from, wave action. Characteristically, exposed to moderately exposed sediment communities are composed of coarse to fine sand and have a polychaete fauna with crustaceans. Species richness increases as conditions become more sheltered. Talitrid amphipods occur in decomposing seaweed on the strand line. Polychaete worms (*Arenicola marina*), bivalves (*Cerastoderma edule*) and crustaceans, such as *Urothoe brevicornis*, *Ampelisca brevicornis*, and *Bathyporeia pilosa*, are common in the middle shore.

The sublittoral sediment towards the entrance of the bay is comprised of rather barren medium sand with the occasional bivalve molluscs *Glycymeris glycymeris* and *Ensis* spp. Much of the sediment in the centre of the bay is composed of firm, muddy sand with the brittle stars *Amphiura* spp. and the razor shells *Ensis* spp. Towards the head of the bay the sediment is composed of muddy sand with *Turritella communis*, *Amphiura brachiata* and *Philine aperta* and soft sandy mud with *Anthopleura balli* and decaying algae. In some areas the sea grass *Zostera marina* and the reef forming polychaete *Serpula vermiculata* are frequent. Notable species included Oyster (*Ostrea edulis*), which occurs at head of the bay, and the sea anemone *Phellia gausapata*, which is present in the middle of the bay.

Infralittoral reefs within Blacksod Bay are sheltered or very sheltered from wave action and subject to weak or moderate tidal streams. In sheltered areas that are composed of bedrock, occasional *Saccorhiza polyschides* overlie a rich assemblage of red algal species such as *Dudresnaya verticillata*, *Heterosiphonia plumosa* and *Chondria tenuissima*. Very sheltered bedrock reef communities are also characterized by foliose red algae. The sea anemone, *Metridium senile*, is abundant on the tops of the reefs and *Antedon bifida* on the steeper surfaces. Much of the infralittoral reef in Blacksod Bay is composed of boulders, cobbles and pebbles. The red algae in these areas are sand-tolerant species such as *Chondria dasphylla* and *Gracilaria gracilis*. Characterizing faunal species are the anthozoans *Metridium senile* and *Alcyonium digitatum*, the hydroid *Nemertesia ramosa* and the sponge *Dysidea fragilis*. The purple sea urchin, *Paracentrotus lividus*, occurs at two sites at the head of the bay. Large areas of machair, a priority habitat on Annex I of the EU Habitats Directive, are found within this extensive coastal site. On the Mullet peninsula the habitat is best developed to the west of Termoncarragh lake, Tonamace/Macecrump and to the west of Cross Lough. On the eastern shores of Blacksod Bay, extensive areas of machair occur at Doolough, Srah and Dooyork. The vegetation of the habitat is dominated by plant species of dry dune grassland which include Red Fescue (*Festuca rubra*), Wild Thyme (*Thymus praecox*), Daisy (*Bellis perennis*), Ribwort Plantain (*Plantago lanceolata*), Selfheal (*Prunella vulgaris*), Sand Sedge (*Carex arenaria*) and Lady's Bedstraw (*Galium verum*). The main moss species are *Brachythecium albicans*, *Calliargon cuspidatum* and *Bryum* species. In damper areas of machair the vegetation is transitional to fen and contains, in addition to the typical dry machair species, such species as Fairy Flax (*Linum catharticum*), Cuckooflower (*Cardamine pratensis*) and Grass-of-parnassia (*Parnassia palustris*).

Fixed dunes with herbaceous vegetation, another Annex I priority habitat, have an extensive distribution throughout the site and are particularly well developed in the middle and south of the Mullet peninsula, e.g. Emlybeg, Newtown, Agleam. Areas of fixed dunes are typically at their highest c. 500 metres back from the sea and at Emlybeg and Newtown they attain a height of approximately 33 metres. The fixed dunes areas present within the site often form a complex mosaic with other dune habitats such as shifting dunes and machair. Frequent plant species recorded in the habitat include Marram Grass (*Ammophila arenaria*), Smooth Meadow-grass (*Poa pratensis*), Wild Carrot (*Daucus carota*), Common Bird's-foot-trefoil (*Lotus corniculatus*), Harebell (*Campanula rotundifolia*) and Kidney Vetch (*Anthyllis vulneraria*). The moss cover is well developed and includes *Rhytidiadelphus squarrosus*, *Hypnum cupressiforme*, *Tortula ruralis* and *Homalothecium lutescens*. The conspicuous lichen *Peltigera canina* is also occasionally encountered in the vegetation. At Nakil, on the southern tip of the peninsula, there is a fine example of decalcified fixed dunes. In this habitat, there is a range of heath species such as Ling Heather (*Calluna vulgaris*), Bell Heath (*Erica cinerea*), Sheep's Fescue (*Festuca ovina*), Tormentil (*Potentilla erecta*) and Devil's-bit Scabious (*Succissa pratensis*), along with dune species such as Sand Sedge (*Carex arenaria*), Lady's Bedstraw (*Galium verum*) and Wild Thyme (*Thymus praecox*).

Smaller areas of shifting dunes with Marram (*Ammophila arenaria*) are found in most of the dune areas within the site and typically occur along the most exposed ridges of sand dune systems. The vegetation is species-poor and generally sparse. Along with Marram, typical plant species include Mayweed (*Matricaria maritima*), Sea Holly

(*Eryngium maritimum*), Colt's-foot (*Tussilago farfara*) and the locally rare Sea Bindweed (*Calystegia soldanella*).

Salt marshes occur in a number of places, notably at Elly Bay, Sallee Harbour, Bunnahowen, Doolough and Gweesalia. Typical species include Thrift (*Armeria maritima*), Salt-marsh Grass (*Puccinellia maritima*), Sea Aster (*Aster trifolium*), Sea Milkwort (*Glaux maritima*), Sea Rush (*Juncus maritimus*) and Saltmarsh Rush (*Juncus gerardi*). At the lower levels of the marshes, and in places extending onto the open sand flats, there occurs Glasswort (*Salicornia europaea* agg.) and Seablite (*Suaeda maritima*).

The site also includes shallow freshwater lakes, Termoncarragh Lough, Cross Lough and Leam Lough. Cross Lough is a good example of a naturally eutrophic lake. The water of the lake appears to have a permanent turbid, yellow-brown colour and is unusual in that the phytoplankton is dominated by *Spirulina* spp. and other unusual cyanobacteria. The waters of the lake have a high chloride content (118 mg/l) and a relatively high calcium content (16 mg/l). The western shore of the lake is sandy and tends to be dominated by the stonewort *Chara aspera* with some Shoreweed (*Littorella uniflora*). Other aquatic plant species which have been recorded from the lake include Spiked Water-milfoil (*Myriophyllum spicatum*), Long-stalked Pondweed (*Potamogeton praelongus*), Slender-leaved Pondweed (*Potamogeton filiformis*) and Fennel Pondweed (*Potamogeton pectinatus*).

Marsh and swamp vegetation is well developed around Termoncarragh Lough, and of particular note is a fine example of alkaline fen. This is species-rich, with such fen plants as Jointed Rush (*Juncus articulatus*), Glaucous Sedge (*Carex flacca*), Grass of Parnassus (*Parnassia palustris*), Knotted Pearlwort (*Sagina nodosa*), Marsh Arrowgrass (*Triglochin palustris*), Common Butterwort (*Pinguicula vulgaris*) and Lesser Clubmoss (*Selaginella selaginoides*). The scarce Marsh helleborine (*Epipactis palustris*) also occurs. A feature of the fen is a strong maritime influence, with the presence of a number of salt marsh species such as Sea Milkwort (*Glaux maritima*), Buck's-horn Plantain (*Plantago coronopus*), and Sea Arrowgrass (*Triglochin maritima*).

The Annex II liverwort species *Petalophyllum ralfsii* has been recently recorded from damp areas of machair at Doolough and Dooyork. The Red Data Book plant species Narrow-leaved Marsh Orchid (*Dactylorhiza traunsteineri*) also occurs. Otter is well distributed throughout the site.

This site has high ornithological importance, with seven Annex I Bird Directive species occurring regularly in winter and a further two as rare breeders. Blacksod Bay provides ideal habitat for divers (all given counts are average maxima over the three winters 1994/95 to 1996/97), with Great Northern Diver (64) occurring in numbers of international importance and Red-throated Divers (45) in significant numbers. The site is an important wintering area for an internationally important population of Barnacle Geese (400-500), and also populations of Greenland White-fronted Geese (56) and Whooper Swans (95). Golden Plover are regular in small numbers (c.700), while a nationally important population of Bar-tailed Godwits (552) occur. Little Tern has bred in small numbers in the past, while the site is well known for one of Ireland's rarest breeding birds, the Red-necked Phalarope. Unfortunately this species may now be extinct as a breeding species.

A wide range of other wintering birds occur. Of particular note are Brent Geese (212) and Ringed Plover (524), both of which have internationally important populations. A further six species have populations of national importance: Common Scoter (642), Red-breasted Merganser (50), Grey Plover (60), Knot (342), Sanderling (58) and Dunlin (2,601). The site is also notable for its breeding waders, with very important concentrations of Dunlin (26 pairs in 1996) and Lapwing (43 pairs in 1996), and significant numbers of Snipe (12 pairs) and Ringed Plover (5 pairs).

High levels of grazing and associated agricultural practices, e.g. feeding of stock and fertilisation, has already resulted in locally severe damage to areas of dune and machair. The damage has been intensified by the recent division of dune and machair commonage, which is particularly evident on the Mullet. These agricultural activities remain serious threats. Benthic communities are very vulnerable to bottom-fishing gear such as that used for fishing oysters, and this is thought to be the most damaging activity in the marine area. Bait digging is potentially damaging to littoral sediment communities if the areas are over-fished.

This site is of high importance for the range of marine and coastal habitats, many of which are listed on Annex I of the E.U. Habitats Directive, three having priority status. The Annex II species *Petalophyllum ralfsii* also occurs. The site is also of particular ornithological importance, having four wintering species with internationally important populations and also important concentrations of breeding waders.

16.06.2003



## 2. Rutland Island and Sound SAC

### SITE SYNOPSIS

**SITE NAME: RUTLAND ISLAND AND SOUND**

**SITE CODE: 002283**

Rutland Island and Sound lies between Aran Island and Burtonport in north-west Donegal, 5km north-west of Dunglow. Besides Rutland itself a number of other small rocky islets are also included in the site. The bedrock of Rutland Island is granite, but the dune systems on the island are highly calcareous.

The site is a candidate SAC selected for eight habitats listed on Annex I of the E.U. Habitats Directive: fixed dunes and lagoon, both priority habitats, Marram dunes, embryonic shifting dunes, dune slacks, drift lines, reefs and large shallow inlets and bays.

On the western side of the island, vigorous embryonic dunes with Sand Couch (*Elymusfarctus*) are backed by dunes with Marram (*Ammophila arenaria*) and Common Milkwort (*Polygala vulgaris*) and by fixed grey dunes with Kidney Vetch (*Anthyllis vulneraria*), Common Bird's-foot-trefoil (*Lotus corniculatus*), Lady's Bedstraw (*Galium verum*), Biting Stonecrop (*Sedum acre*) and mosses (*Tortula* spp.). The fixed dunes grade into dune grassland. Good dune slacks, flushes and marshes also occur in places. Plants typically occurring in these damp areas include Cuckooflower (*Cardamine pratensis*), Bog Pimpernel (*Anagallis tenella*), Water Mint (*Mentha aquatica*) and Selfheal (*Prunella vulgaris*). Snipe have also been recorded in these wet areas. The south end of the island has good drift line vegetation characterised by Orache sp. (*Atriplex* sp.).

Sally's Lough, which is situated in the eastern part of the site, is a good example of a saline lake lagoon. While the lagoon basin is entirely natural, the narrow tidal inlet is apparently artificial. Seawater enters the lake on most tides but is diluted by rainfall running off the surrounding hills. Depth is up to 4 m and salinity has varied from 28 ppt to 34.3 ppt. Two lagoonal specialists, Tasselweed (*Ruppia* spp.) and the green alga *Chaetomorpha linum*, were recorded in a recent survey, as well as a rare alga, *Cladophora battersii*, which grows unattached on the lagoon bed. Extensive underwater cliffs occur in the southwestern quarter. These support a moderately diverse macroalgal flora. Common Reed (*Phragmites australis*) occurs at the western end of the lake and the lagoon habitat is relatively rich, with 49 extra taxa recorded in a recent survey. Four species are regarded as lagoonal specialists: *Onoba aculeus*, *Cerastoderma glaucum*, *Idotea chelipes* and *Conopeum seurati*. Two further species, *Ampithoe ramondi* and *Lembos longipes* are rare in Ireland. Rutland Channel and Sound is a complex of shallow reefs and sediment communities sheltered from wave action with varying degrees of current. The intertidal reefs are typical of these conditions with high species richness in the tide-swept sublittoral fringe.

The shallow sublittoral reefs have excellent examples of tide-swept kelp communities with varying degrees of sand scour in which species richness is high and a number of species considered to be worthy of conservation occur, in particular, the sea squirt *Stolonica socialis*. The site displays a range of sediment types from coarse shelly sand to fine sand. The free-living red calcareous algae known as maerl (also called 'coral')

occurs at several locations at the more open coastal sites on the south of Rutland Island. Beds of seagrass *Zostera marina*, which host the rare hydroid *Laomedea angulata* and the southern species of burrowing anemone *Anthopleura ballii*, are also present. Rutland Island and Sound contains important examples of eight habitats listed on Annex I of the E.U. Habitats Directive. The presence of a number of rare marine species adds further to the conservation importance of the site.

24.03.2003

### 3. Mulroy Bay SAC

#### SITE SYNOPSIS

**SITE NAME: MULROY BAY**

**SITE CODE: 002159**

Mulroy Bay is an extremely sheltered, narrow inlet situated on the north coast of Co. Donegal. The bay is a glacial fiard and the most convoluted of the marine inlets in north-west Ireland. It has three significant narrows where the current is very strong. The Moross peninsula, which separates the North Water from the Broad Water, is a large glacial drumlin. Bedrock is principally metamorphic quartzite, limestone, schist and gneiss, with intrusive granite at the mouth.

Mulroy Bay displays excellent examples of two habitats listed on Annex I of the EU Habitats Directive – reefs and large shallow inlets and bays. The site contains a good range of different sediment types which includes coarse sand, the free-living red calcareous algae called maerl (also known as ‘coral’) and a variety of exposed and sheltered reefs with strong to weak currents. Extremely sheltered reefs subject to weak currents, as found in Mulroy Bay, are rare in Ireland. The variety of different habitats within the site is reflected in the high number of communities found in the bay and the high species diversity. Rare species found in Mulroy Bay include Couches goby (*Gobius couchi*), the file shell (*Limaria hians*), the anthozoan *Paraerythropodium coralloides* and the hydroid *Halecium muricatum*. Species with a very restricted distribution or which are close to the limits of their distribution are the red alga *Dudresnay verticillata* and the bubble shell (*Haminoea navicula*). A large population of the scallop *Pecten maximus* occur in Mulroy Bay and is now commercially managed.

Much of the shores of Mulroy Bay are a mixture of boulder, cobbles and gravel which support a community characterised largely by *Ascophyllum nodosum* typical of these conditions. Tide-swept coarse gravel and boulders occurs at headlands within the bay and in channels leading into small loughs off the bay e.g. Back Lough and Wee Sea. These areas support furoid dominated communities with a high species diversity (up to 88 species at one site) of largely faunal species representative for the habitat. Rare species are also present, namely the chiton *Leptochiton scabridus*, the file shell *Limaria hians* and the sea slug *Aeolidiella alderi* which is close to the northern limits of its distribution. It is unusual to find these species, the sponge *Stelletta grubii* and the bivalves *Venus verrucosa* and *Venerupis senegalensis* on the shore. The small star fish *Asterina phyllactica* occurs at these sites and appears to be close to the limits of its northern distribution.

The shallow water reefs exposed to wave action are rugged bedrock with gullies characterised by the kelp *Laminaria hyperborea* and *Halidrys siliquosa* with foliose red algae, including *Drachiella spectabilis* (close to northern limits of its distribution) on the upwards facing slopes and by the jewel anemones on the steeply sloping and vertical faces. Both communities are representative for these habitats. The northern hydroid *Abietinaria filicula* occurs here, the southern limit of its distribution being the Kerry Head Shoal, Co. Clare. In the tide-swept areas cobbles and boulders support the brown seaweed *Halidrys siliquosa* with mixed kelp forests of *Laminaria hyperborea* with the sponge *Esperiopsis fucorum*. This community has a variety of

sponges, hydroids and red algae that varies from site to site showing the range of representative examples of this community. In the more sheltered areas with less current the kelp forests of *Laminaria saccharina* occur and have a greater variety of sponges and solitary sea squirts with some variation from site to site. This community is considered to be uncommon. The red alga *Dudresnaya verticillata* occurs in a number of kelp communities and close to the northern limits of its distribution. The very rare Couches goby occurs in kelp forests in both North Water and Broad Water; the only other known locations for this fish are Lough Hyne, Co. Cork and Cornwall, UK.

On exposed very steep bedrock at depths of 8 – 24 m animal-dominated communities occur. In areas subject to strong tidal streams (e.g. the first narrows) a community dominated by the bryozoan *Flustra foliacea*, hydroids and sponges is present. The scarce northern hydroid *Halecium muricatum* is found here. The sheltered bedrock cliffs in North Water and Broad Water provide a rare habitat with the uncommon sponges *Dercitus bucklandi* and *Stelletta grubii* in abundance at both sites. An undescribed *Polymastia* species of sponge was typical of these communities. The cliff in Broad Water supported a community of *Ascidella aspersa* and, under the overhangs, a population of the anthozoan *Parerythropodium coralloides* which in Ireland has only been recorded in four locations and is also rare in Britain. This community is more characteristic of more open waters.

The sediment communities within the bay vary from coarse sand to very sheltered soft mud with a range of current strengths. In the outer part of the bay coarse sand with the burrowing sea urchin *Echinocardium cordatum* is found. With increasing shelter the sand is characterised by a number of bivalves, most notable *Spisula elliptica* and the burrowing sea urchin *Echinocardium cordatum*. Clean mobile sand with the red algae *Polyides rotundatus* occurs where the current increases approaching the first narrows. The burrowing sea cucumber *Neopentadactyla mixta* is found in beds of live maerl and maerl gravel. Within the shelter of the Moross channel there are extensive beds of the file shell *Limaria hians* on gravels and they have constructed nests. Sitting on top of the *Limaria* nests is a bed of the brittlestar *Ophiothrix fragilis* and at the southern end of the channel the brittlestar *Ophiocomina nigra* is also common. This is the only known area in Ireland for beds of *Limaria hians*.

Within the shelter of Broad Water the seabed is generally mud, but boulders and gravel may be present. The community may be characterised by the solitary sea squirt *Ascidella aspersa*, the sea cucumbers *Thyone fucus* and *Leptopentacta elongata*, the southern anemone *Anthopleura balli* and the turret shell *Turitella communis*. *Anthopleura balli* was common in Mulroy Bay in a range of habitats and is close to the northern limits of its distribution here. Where boulders are present in shallow water a variety of red algae may be found. The eel grass *Zostera marina* occurs in the Wee Sea and in inner Mulroy Bay there is a dense stand with the normally burrowing sea cucumber *Leptosynapta inhaerens* abundant on the blades of the grass. In the same area, but slightly deeper in muddy sediment, a rare community characterised by the very small sea cucumber *Ocnus plancki* is present.

The otter, a species listed on Annex II of the EU Habitats Directive, frequents the site. The Bay also supports significant numbers of wintering birds, with Mute Swan present in nationally important numbers and several species recorded in regionally



important numbers (Brent Goose, Shelduck, Wigeon, Teal, Red-breasted Merganser, Oystercatcher and Dunlin).

Aquaculture, scallop dredging and seaweed harvesting occur within the site and may pose a threat to the ecological value of the area. Mulroy Bay displays excellent examples of two habitats listed on Annex I of the EU Habitats Directive – reefs and large shallow inlets and bays. The ornithological interest and the presence of a population of the Annex II species otter adds further to the importance of the site.

04.09.2001

## Appendix II Species Lists / Community characterisation dives, Mullet/Blacksod Bay Complex SAC

Location	<b>Blacksod Bay: Off Belmullet Pier</b>
Grid Reference	<b>69857 332050</b>
Date	27-05-08
Depth	3.0 m
Site description	<i>Zostera marina</i> (Frequent) on sand

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	<b>F</b>
<i>Anemonia viridis</i> (Forsk.)	<b>F</b>
<i>Arenicola marina</i> (Linnaeus)	<b>F</b>
<i>Necora puber</i> (Linnaeus)	<b>O</b>
<i>Pagurus bernhardus</i> (Linnaeus)	<b>O</b>
<i>Lanice conchilega</i> (Pallas)	<b>F</b>
<i>Anthoplura ballii</i> (Cocks)	<b>O</b>
<i>Haminea navicula</i> (Da Costa)	<b>O</b>
<i>Hydractinia echinata</i> (Fleming)	<b>O</b>
<i>Pomatoschistus minutes</i> (Pallas)	<b>O</b>
<i>Ciona intestinalis</i> (Linnaeus)	<b>O</b>
<i>Philine aperta</i> (Linnaeus)	<b>O</b>
<i>Callionymus lyra</i> (Linnaeus)	<b>R</b>
<i>Turritella communis</i> (Risso)	<b>O</b>

<b>Location</b>	Zostera north of Elley
<b>Grid Reference</b>	67109 326392
<b>Date</b>	<b>27-05-08</b>
<b>Depth</b>	4.5 m
<b>Site description</b>	<i>Zostera marina</i> (Frequent) on sand.

<b>Species</b>	<b>Abundance (DAFOR)</b>
<i>Zostera marina</i> (Linnaeus)	F
<i>Anemonia viridis</i> (Forsk.)	F
<i>Arenicola marina</i> (Linnaeus)	F
<i>Necora puber</i> (Linnaeus)	O
<i>Pagurus bernhardus</i> (Linnaeus)	O
<i>Cereus pedunculatus</i> (Pennant)	F
<i>Chaetopterus variopedatus</i> (Renier)	O
<i>Lanice conchilega</i> (Pallas)	F
<i>Anthoplura ballii</i> (Cocks)	O
<i>Cancer pagurus</i> (Linnaeus)	R
<i>Pomatoschistus minutes</i> (Pallas)	O
<i>Turritella communis</i> (Risso)	O
<i>Hinia reticulata</i> (Linnaeus)	O
<i>Chlamys varia</i> (Linnaeus)	O

<b>Location</b>	Blacksod Bay
<b>Grid Reference</b>	72765 327983
<b>Date</b>	<b>03-06-08</b>
<b>Depth</b>	4 m
<b>Site description</b>	<i>Zostera marina</i> (Frequent) on muddy sand.

<b>Species</b>	<b>Abundance (DAFOR)</b>
<i>Zostera marina</i> (Linnaeus)	F
<i>Anemonia viridis</i> (Forsk.)	F
<i>Arenicola marina</i> (Linnaeus)	F
<i>Pagurus bernhardus</i> (Linnaeus)	F
<i>Philine aperta</i> (Linnaeus)	F
<i>Sagartiogeton undatus</i> (Muller)	O
<i>Carcinus maenas</i> (Linnaeus)	O
<i>Palaemon serratus</i> (Pennant)	F



<b>Location</b>	Blacksod Bay: South Tramore Bay
<b>Grid Reference</b>	71750 327832
<b>Date</b>	<b>03-06-08</b>
<b>Depth</b>	4 m
<b>Site description</b>	<i>Zostera marina</i> (Rare) on sand.

<b>Species</b>	<b>Abundance (DAFOR)</b>
<i>Zostera marina</i> (Linnaeus)	R
<i>Anemonia viridis</i> (Forsk.)	F
<i>Palaemon serratus</i> (Pennant)	F
<i>Cereus pedunculatus</i> (Pennant)	O
<i>Maja squinado</i> (Herbst)	R
<i>Sabella pavonina</i> (Savigny)	R
<i>Chaetopterus variopedatus</i> (Renier)	O
<i>Pagurus bernhardus</i> (Linnaeus)	O

<b>Location</b>	Blacksod Bay: <i>Zostera marina</i> bed, north of Channel
<b>Grid Reference</b>	71240 328940
<b>Date</b>	<b>03-06-08</b>
<b>Depth</b>	5.5 m
<b>Site description</b>	<i>Zostera marina</i> (Occasional) on sand. Very species poor.

<b>Species</b>	<b>Abundance (DAFOR)</b>	
<i>Zostera marina</i> (Linnaeus)	O	
<i>Anemonia viridis</i> (Forsk.)	O	
<i>Cereus pedunculatus</i> (Pennant)	O	
<i>Lanice Conchilega</i> (Pallas)	F	

<b>Location</b>	Blacksod Bay: <i>Zostera marina</i> bed North of Claggan Point
<b>Grid Reference</b>	70752 327943
<b>Date</b>	<b>03-06-08</b>
<b>Depth</b>	4.3 m
<b>Site description</b>	<i>Zostera marina</i> (Abundant) on sand with shell.

<b>Species</b>	<b>Abundance (DAFOR)</b>
<i>Zostera marina</i> (Linnaeus)	A
<i>Anemonia viridis</i> (Forsk.)	O
<i>Cereus pedunculatus</i> (Pennant)	O
<i>Lanice Conchilega</i> (Pallas)	F
<i>Astropecten irregularis</i> (Pennant)	R
<i>Philine aperta</i> (Linnaeus)	O
<i>Pomatoschistus minutes</i> (Pallas)	F
<i>Anthopleura ballii</i> (Cocks)	O
<i>Ensis ensis</i> (Linnaeus)	O

<b>Location</b>	Blacksod Bay: <i>Zostera marina</i> bed North side of bar.
<b>Grid Reference</b>	69995 322269
<b>Date</b>	<b>03-06-08</b>
<b>Depth</b>	4.3 m
<b>Site description</b>	<i>Zostera marina</i> (Abundant) on coarse sand and broken shell.

<b>Species</b>	<b>Abundance (DAFOR)</b>
<i>Zostera marina</i> (Linnaeus)	O
<i>Anemonia viridis</i> (Forsk.)	F
<i>Urtica felina</i> (Linnaeus)	O
<i>Astropecten irregularis</i> (Pennant)	O
<i>Pomatoschistus minutus</i> (Pallas)	R
<i>Colpomenia peregrina</i> (Sauvageau)	O
<i>Nemertesia antennina</i> (Linnaeus)	O
<i>Aequipecten opercularis</i> (Linnaeus)	R
<i>Callionymus lyra</i> (Linnaeus)	O
<i>Marthasterias glacialis</i> (Linnaeus)	R



<b>Location</b>	Blacksod Bay: Elley Bay South
<b>Grid Reference</b>	65365 324435
<b>Date</b>	<b>03-06-08</b>
<b>Depth</b>	4.0 m
<b>Site description</b>	<i>Zostera marina</i> (Rare) forming horizontal bands on sand with fine broken shell.

<b>Species</b>	<b>Abundance (DAFOR)</b>
<i>Zostera marina</i> (Linnaeus)	R
<i>Anemonia viridis</i> (Forsk.)	O
<i>Nemertesia antennina</i> (Linnaeus)	R
<i>Necora puber</i> (Linnaeus)	O
<i>Pagurus bernhardus</i> (Linnaeus)	O
<i>Cereus pedunculatus</i> (Pennant)	R
<i>Anthoplura ballii</i> (Cocks)	R
<i>Sabella pavonina</i> (Savigny)	R
<i>Thorogobius ephippiatus</i> (Lowe)	R
<i>Pomatoschistus minutus</i> (Pallas)	O
<i>Marthasterias glacialis</i> (Linnaeus)	O

Location	<b>Blacksod Bay: <i>Serpula vermicularis</i> bed</b>
Grid Reference	
Date	11-05-08
Depth	6.0 m
Site description	<i>Serpula vermicularis</i> forming clumps on sand, broken shell and scattered living and dead maërl fragments with <i>Zostera marina</i> (Rare).

Species	Abundance (DAFOR)
<i>Zostera marina</i> (Linnaeus)	R
Maërl sp.	O
<i>Anemonia viridis</i> (Forsk.)	O
<i>Serpula vermicularis</i> (Linnaeus)	F
<i>Cerianthus loydii</i> (Gosse)	O
<i>Lanice conchilege</i> (Pallas)	O
<i>Turritella communis</i> (Risso)	F
<i>Metridium senile</i> (Linnaeus)	F
<i>Halecium halecium</i> (Linnaeus)	F
<i>Necora puber</i> (Linnaeus)	O
<i>Pagurus bernhardus</i> (Linnaeus)	O
<i>Amphilectus fucorum</i> (Esper)	O
<i>Macropodia tenuirostris</i> (Leach)	R

<b>Location</b>	Blacksod Bay: Feorinyeed Bay
<b>Grid Reference</b>	66366 322329
<b>Date</b>	<b>29-05-08</b>
<b>Depth</b>	4.0 m
<b>Site description</b>	Maërl (living and dead) and <i>Serpula vermicularis</i> on muddy sand

<b>Species</b>	<b>Abundance (DAFOR)</b>
Maerl sp.	A
<i>Serpula vermicularis</i> (Linnaeus)	F
<i>Turritella communis</i> (Risso)	O
<i>Metridium senile</i> (Linnaeus)	F
<i>Chaetopterus variopedatus</i> (Renier)	O
<i>Syngnathus acus</i> (Linnaeus)	P
<i>Aequipecten opercularis</i> (Linnaeus)	O
<i>Necora puber</i> (Linnaeus)	O
<i>Pagurus bernhardus</i> (Linnaeus)	O
<i>Maja squinado</i> (Herbst)	R

<b>Location</b>	<i>Zostera marina</i> bed N of Moyrahan Pt
<b>Grid Reference</b>	65315 322300
<b>Date</b>	29-05-08
<b>Depth</b>	5.0 m
<b>Site description</b>	<i>Zostera marina</i> (Frequent) on sand with broken shell.

<b>Species</b>	<b>Abundance (DAFOR)</b>
<i>Zostera marina</i> (Linnaeus)	F
<i>Anemonia viridis</i> (Forsk.)	F
<i>Sepula vermicularis</i> (Linnaeus)	R
<i>Turritella communis</i> (Risso)	O
<i>Anthoplura ballii</i> (Cocks)	O
<i>Cerianthus loydii</i> (Gosse)	F
<i>Maja squinado</i> (Herbst)	R
<i>Arenicola marina</i> (Linnaeus)	F
<i>Necora puber</i> (Linnaeus)	O
<i>Chaetopterus variopedatus</i> (Renier)	O
<i>Cancer pagurus</i> (Linnaeus)	O

<b>Location</b>	<i>Zostera marina</i> bed off Pontoon-Blacksod Pier
<b>Grid Reference</b>	65055 318882
<b>Date</b>	<b>29-05-08</b>
<b>Depth</b>	3.0 m
<b>Site description</b>	<i>Zostera marina</i> (Abundant) on sand. This was a very dense bed and very species poor.

<b>Species</b>	<b>Abundance (DAFOR)</b>
<i>Zostera marina</i> (Linnaeus)	A
<i>Anemonia viridis</i> (Forsk.)	F
<i>Pomatoschistus minutus</i> (Pallas)	O
<i>Necora puber</i> (Linnaeus)	O
<i>Pagurus bernhardus</i> (Linnaeus)	O



**Appendix III. Species Lists for key habitats encountered during fieldwork in Mullet/Blacksod Bay Complex SAC, Rutland Island and Sound SAC and Mulroy Bay SAC**

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T1	64975	318911	65007	318943	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE000470_T1.2	65007	318943	65019	318951	Sand	Other		Scope
IE000470_T1.3	65019	318951	65072	318983	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T1.4	65072	318983	65089	318997	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T1.5	65089	318997	65094	319002	Sand	Other		Scope
IE000470_T1.6	65094	319002	65195	319060	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T1.7	65195	319060	65242	319083	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T1.8	65242	319083	65284	319064	Sand	Other		Scope
IE000470_T1.9	65284	319064	65312	319075	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T1.10	65312	319075	65346	319097	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T1.11	65346	319097	65386	319117	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T1.12	65386	319117	65418	319136	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T1.13	65418	319136	65461	319161	Sand	Other		Scope
IE000470_T1.14	65461	319161	65485	319187	Sand	Other		Scope
IE000470_T1.15	65485	319187	65532	319228	Sand	Other		Scope
IE000470_T1.16	65532	319228	65594	319275	Sand	Other		Scope
IE000470_T1.17	65594	319275	End Point	End Point	Sand	Other		Scope
IE000470_T2	65507	319401	65413	319302	Sand	Other		Scope
IE000470_T2.1	65413	319302	65397	319281	Sand	Other		Scope
IE000470_T2.2	65397	319281	65376	319258	Sand	Other		Scope
IE000470_T2.3	65376	319258	65343	319220	Sand	Other		Scope
IE000470_T2.4	65343	319220	65342	319213	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T2.5	65342	319213	65302	319174	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T2.6	65302	319174	65273	319140	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T2.7	65273	319140	65232	319108	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T2.8	65232	319108	65193	319082	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T2.9	65193	319082	65124	319058	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T2.10	65124	319058	65053	319050	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T2.11	65053	319050	65031	319045	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T2.12	65031	319045	64982	319028	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T2.13	64982	319028	64910	319022	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T2.14	64910	319022	64893	319023	Sand	Other		Scope
IE000470_T2.15	64893	319023	64868	319020	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T2.16	64868	319020	64838	319015	Sand	Other	With macroalgae	Scope
IE000470_T2.17	64838	319015	64821	319016	Sand	Other		Scope
IE000470_T2.18	64821	319016	64806	319020	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T2.19	64806	319020	64780	319023	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE000470_T2.20	64780	319023	64763	319022	Sand	Other	With macroalgae	Scope
IE000470_T2.21	64763	319022	64744	319024	Sand	Other	With macroalgae	Scope
IE000470_T2.22	64744	319024	64732	319033	Sand	Other	With macroalgae	Scope
IE000470_T2.23	64732	319033	64730	319069	Sand	Other	With macroalgae	Scope
IE000470_T2.24	64730	319069	64730	319088	Sand	Other		Scope
IE000470_T2.25	64730	319088	64721	319149	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	<i>Zostera marina</i> distributed in clumps.	Scope
IE000470_T2.26	64721	319149	64693	319173	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T2.27	64693	319173	64702	319190	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T2.28	64702	319190	64729	319199	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T2.29	64729	319199	64781	319217	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T2.30	64781	319217	64789	319220	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T2.31	64789	319220	64846	319235	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T2.32	64846	319235	64865	319236	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T2.33	64865	319236	64911	319239	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T2.34	64911	319239	64989	319272	<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
IE000470_T2.35	64989	319272	65010	319286	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T2.36	65010	319286	65047	319307	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T2.37	65047	319307	65085	319335	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T2.38	65085	319335	65155	319393	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> with very short leaf blade length	Scope
IE000470_T2.39	65155	319393	65212	319433	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T2.40	65212	319433	65305	319486	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T2.41	65305	319486	65376	319533	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	Extremely patchy distribution	Scope
IE000470_T2.42	65376	319533	65405	319555	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	Very rare	Scope
IE000470_T2.43	65405	319555	65432	319586	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T2.44	65432	319586	65448	319606	Sand	Other		Scope
IE000470_T2.45	65448	319606	End Point	End Point	Kelp	Other		Scope
IE000470_T3	65387	319554	65355	319593	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T3.1	65355	319593	65340	319603	Sand	Other	With macroalgae	Scope
IE000470_T3.2	65340	319603	65275	319614	Sand	Other	With macroalgae	Scope
IE000470_T3.3	65275	319614	65203	319600	Sand	Other	With macroalgae	Scope
IE000470_T3.4	65203	319600	65187	319567	Rock	Other	With macroalgae	Scope
IE000470_T3.5	65187	319567	65101	319536	Sand	Other		Scope
IE000470_T3.6	65101	319536	65041	319512	Sand	Other		Scope
IE000470_T3.7	65041	319512	64992	319493	Sand	Other		Scope
IE000470_T3.8	64992	319493	64941	319462	Sand	Other		Scope
IE000470_T3.9	64941	319462	64908	319446	Sand	Other	With macroalgae	Scope
IE000470_T3.10	64908	319446	64877	319429	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T3.11	64877	319429	64822	319401	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T3.12	64822	319401	64731	319358	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T3.13	64731	319358	64698	319334	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T3.14	64698	319334	64674	319312	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T3.15	64674	319312	64651	319300	Sand	Other		Scope
IE000470_T3.16	64651	319300	64630	319318	Sand	Other		Scope
IE000470_T3.17	64630	319318	64644	319342	Sand	Other		Scope
IE000470_T3.18	64644	319342	64666	319390	Sand	Other		Scope
IE000470_T3.19	64666	319390	64690	319414	Sand	Other	With cobble and macroalgae	Scope
IE000470_T3.20	64690	319414	64726	319423	Cobble	Other	With macroalgae	Scope
IE000470_T3.21	64726	319423	64773	319452	Cobble	Other	With kelp	Scope
IE000470_T3.22	64773	319452	64806	319486	Sand	Other	With macroalgae	Scope
IE000470_T3.23	64806	319486	64850	319520	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE000470_T3.24	64850	319520	64911	319563	Rock	Other	With kelp	Scope
IE000470_T3.25	64911	319563	64951	319611	Rock	Other	With macroalgae	Scope
IE000470_T3.26	64951	319611	64958	319645	Sand	Other		Scope
IE000470_T3.27	64958	319645	64965	319674	Sand	Other	With macroalgae	Scope
IE000470_T3.28	64965	319674	64968	319743	Rock	Other		Scope
IE000470_T3.29	64968	319743	65013	319836	Sand	Other		Scope
IE000470_T3.30	65013	319836	65058	319873	Sand	Other	With macroalgae	Scope
IE000470_T3.31	65058	319873	65113	319901	Sand	Other	With macroalgae	Scope
IE000470_T3.32	65113	319901	65158	319927	Sand	Other	With macroalgae	Scope
IE000470_T3.33	65158	319927	65194	319885	Rock	Other	With sand	Scope
IE000470_T3.34	65194	319885	65204	319840	Rock	Other		Scope
IE000470_T3.35	65204	319840	65234	319771	Sand	Other	With macroalgae	Scope
IE000470_T3.36	65234	319771	65288	319682	Rock	Other		Scope
IE000470_T3.37	65288	319682	65314	319649	Rock	Other		Scope
IE000470_T3.38	65314	319649	65324	319636	Sand	Other	With macroalgae	Scope
IE000470_T3.39	65324	319636	65361	319605	Sand	Other		Scope
IE000470_T3.40	65361	319605	End Point	End Point	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T4	65503	319057	65347	318946	Sand	Other		Scope
IE000470_T4.1	65347	318946	65306	318915	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T4.2	65306	318915	65270	318889	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T4.3	65270	318889	65218	318855	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T4.4	65218	318855	65194	318809	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T4.5	65194	318809	65147	318779	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T4.6	65147	318779	65132	318762	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T4.7	65132	318762	65120	318746	Sand	Other	With macroalgae	Scope
IE000470_T4.8	65120	318746	65132	318727	Rock	Other		Scope
IE000470_T4.9	65132	318727	65188	318738	Sand	Other	With rocks	Scope
IE000470_T4.10	65188	318738	65205	318745	Sand	Other	With macroalgae	Scope
IE000470_T4.11	65205	318745	65248	318763	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T4.12	65248	318763	65273	318766	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T4.13	65273	318766	65326	318756	Sand	Other	With broken shell	Scope
IE000470_T4.14	65326	318756	65375	318740	Sand	Other		Scope
IE000470_T4.15	65375	318740	65413	318736	Sand	Other	With macroalgae	Scope
IE000470_T4.16	65413	318736	65504	318747	Sand	Other	With macroalgae	Scope
IE000470_T4.17	65504	318747	65520	318756	Rock	Other		Scope
IE000470_T4.18	65520	318756	65564	318780	Rock	Other		Scope
IE000470_T4.19	65564	318780	65585	318806	Rock	Other		Scope
IE000470_T4.20	65585	318806	65605	318830	Rock	Other		Scope
IE000470_T4.21	65605	318830	65624	318846	Rock	Other		Scope
IE000470_T4.22	65624	318846	65644	318881	Rock	Other		Scope
IE000470_T4.23	65644	318881	65654	318908	Rock	Other		Scope
IE000470_T4.24	65654	318908	65657	318924	Rock	Other		Scope
IE000470_T4.25	65657	318924	End Point	End Point	Rock	Other		Scope
IE000470_T5	65077	321221	65069	321232	Sand	Other		Scope
IE000470_T5.1	65069	321232	65100	321284	Kelp	Other		Scope
IE000470_T5.2	65100	321284	65156	321348	Rock	Other		Scope
IE000470_T5.3	65156	321348	65198	321413	Sand	Other		Scope
IE000470_T5.4	65198	321413	65208	321471	Sand	Other		Scope
IE000470_T5.5	65208	321471	65154	321573	Sand	Other	With macroalgae	Scope
IE000470_T5.6	65154	321573	65058	321631	Sand	Other		Scope
IE000470_T5.7	65058	321631	65012	321656	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T5.8	65012	321656	64985	321687	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T5.9	64985	321687	65010	321790	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With macroalgae and rock	Scope
IE000470_T5.10	65010	321790	65032	321860	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T5.11	65032	321860	64983	321891	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T5.12	64983	321891	64944	321922	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T5.13	64944	321922	64934	321946	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T5.14	64934	321946	64934	321962	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T5.15	64934	321962	64942	321998	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE000470_T5.16	64942	321998	End Point	End Point	Rock	Other		Scope
IE000470_T6	64989	322032	64993	322044	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T6.1	64993	322044	65003	322077	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T6.2	65003	322077	65015	322125	Sand	Other		Scope
IE000470_T6.3	65015	322125	65035	322158	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T6.4	65035	322158	65040	322168	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T6.5	65040	322168	65033	322209	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T6.6	65033	322209	65045	322234	Kelp	Other		Scope
IE000470_T6.7	65045	322234	65074	322272	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T6.8	65074	322272	65078	322285	Sand	Other	With macroalgae	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T6.9	65078	322285	65098	322286	Sand	Other		Scope
IE000470_T6.10	65098	322286	65103	322297	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T6.11	65103	322297	65122	322374	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T6.12	65122	322374	65114	322451	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T6.13	65114	322451	65101	322464	Sand	Other		Scope
IE000470_T6.14	65101	322464	65070	322525	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.15	65070	322525	65051	322535	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.16	65051	322535	64995	322520	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T6.17	64995	322520	64987	322506	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.18	64987	322506	64982	322476	Kelp	Other		Scope
IE000470_T6.19	64982	322476	64979	322424	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T6.20	64979	322424	64991	322346	Rock	Other		Scope
IE000470_T6.21	64991	322346	65003	322199	Rock	Other		Scope
IE000470_T6.22	65003	322199	64996	322162	Rock	Other		Scope
IE000470_T6.23	64996	322162	64987	322119	Sand	Other	With macroalgae	Scope
IE000470_T6.24	64987	322119	64985	322091	Kelp	Other		Scope
IE000470_T6.25	64985	322091	64982	322005	Sand	Other		Scope
IE000470_T6.26	64982	322005	64969	321964	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T6.27	64969	321964	64967	321895	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T6.28	64967	321895	64940	321861	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.29	64940	321861	64910	321822	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T6.30	64910	321822	64902	321801	Rock	Other		Scope
IE000470_T6.31	64902	321801	64876	321796	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T6.32	64876	321796	64831	321825	Sand	Other	With shell and macroalgae	Scope
IE000470_T6.33	64831	321825	64822	321844	Sand	Other		Scope
IE000470_T6.34	64822	321844	64825	321864	Sand	Other	With macroalgae	Scope
IE000470_T6.35	64825	321864	64828	321877	Sand	Other		Scope
IE000470_T6.36	64828	321877	64836	321896	Sand	Other	With rocks	Scope
IE000470_T6.37	64836	321896	64850	321920	Sand	Other	With shell and macroalgae	Scope
IE000470_T6.38	64850	321920	64874	321925	Rock	Other	With macroalgae	Scope
IE000470_T6.39	64874	321925	64888	321917	Sand	Other	With macroalgae	Scope
IE000470_T6.40	64888	321917	64916	321898	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T6.41	64916	321898	64936	321889	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With broken shell	Scope
IE000470_T6.42	64936	321889	64950	321881	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T6.43	64950	321881	64988	321857	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T6.44	64988	321857	65009	321839	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T6.45	65009	321839	65036	321825	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With broken shell	Scope
IE000470_T6.46	65036	321825	65059	321808	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.47	65059	321808	65073	321797	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.48	65073	321797	65093	321781	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.49	65093	321781	65117	321763	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.50	65117	321763	65140	321741	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.51	65140	321741	65170	321720	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.52	65170	321720	65190	321703	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.53	65190	321703	65191	321693	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T6.54	65191	321693	65190	321667	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T6.55	65190	321667	65191	321635	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T6.56	65191	321635	65191	321620	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.57	65191	321620	65191	321608	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T6.58	65191	321608	65192	321593	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T6.59	65192	321593	65195	321577	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T6.60	65195	321577	65198	321546	<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
IE000470_T6.61	65198	321546	65202	321509	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE000470_T6.62	65202	321509	65206	321467	Zostera marina Occasional	Zostera marina Occasional		Scope
IE000470_T6.63	65206	321467	65229	321431	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE000470_T6.64	65229	321431	65263	321408	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE000470_T6.65	65263	321408	65314	321376	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE000470_T6.66	65314	321376	65321	321367	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy	With shell and sand	Scope
IE000470_T6.67	65321	321367	65331	321353	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE000470_T6.68	65331	321353	End Point	End Point	Sand	Other	With broken shell and macroalgae	Scope
IE000470_T7	65336	321312	65337	321291	Sand	Other	With shell and macroalgae	Scope
IE000470_T7.1	65337	321291	65339	321263	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE000470_T7.2	65339	321263	65339	321247	Zostera marina Rare Patchy	Zostera marina Rare Patchy		Scope
IE000470_T7.3	65339	321247	65337	321208	Sand	Other	With shell	Scope
IE000470_T7.4	65337	321208	65337	321167	Sand	Other		Scope
IE000470_T7.5	65337	321167	65339	321134	Sand	Other		Scope
IE000470_T7.6	65339	321134	65340	321071	Sand	Other	With shell and macroalgae	Scope
IE000470_T7.7	65340	321071	65339	321027	Sand	Other	With shell and macroalgae	Scope
IE000470_T7.8	65339	321027	65340	320986	Sand	Other	With shell and macroalgae	Scope
IE000470_T7.9	65340	320986	65341	320943	Sand	Other	With shell and macroalgae	Scope
IE000470_T7.10	65341	320943	65345	320888	Sand	Other	With shell and macroalgae	Scope
IE000470_T7.11	65345	320888	65195	320206	Sand	Other	With broken shell	Scope
IE000470_T7.12	65195	320206	65202	320122	Sand	Other	With shell and macroalgae	Scope
IE000470_T7.13	65202	320122	65203	320096	Sand	Other	With shell and macroalgae	Scope
IE000470_T7.14	65203	320096	End Point	End Point	Sand	Other	With broken shell and macroalgae	Scope
IE000470_T8	65104	320085	65049	320100	Sand	Other	With macroalgae and broken shell	Scope
IE000470_T8.1	65049	320100	65007	320125	Sand	Other		Scope
IE000470_T8.2	65007	320125	64960	320138	Sand	Other	With macroalgae	Scope
IE000470_T8.3	64960	320138	64865	320167	Sand	Other	With shell and macroalgae	Scope
IE000470_T8.4	64865	320167	64836	320191	Sand	Other	With shell and macroalgae	Scope
IE000470_T8.5	64836	320191	64812	320277	Sand	Other		Scope
IE000470_T8.6	64812	320277	64794	320368	Sand	Other		Scope
IE000470_T8.7	64794	320368	64761	320447	Sand	Other		Scope
IE000470_T8.8	64761	320447	64719	320534	Sand	Other		Scope
IE000470_T8.9	64719	320534	64692	320585	Sand	Other		Scope
IE000470_T8.10	64692	320585	64652	320647	Sand	Other		Scope
IE000470_T8.11	64652	320647	64624	320702	Sand	Other		Scope
IE000470_T8.12	64624	320702	64653	320895	Sand	Other		Scope
IE000470_T8.13	64653	320895	64684	320966	Sand	Other		Scope
IE000470_T8.14	64684	320966	End Point	End Point	Sand	Other		Scope
IE000470_T9	64602	320974	64572	320994	Sand	Other		Scope
IE000470_T9.1	64572	320994	64535	321015	Sand	Other		Scope
IE000470_T9.2	64535	321015	64487	321037	Sand	Other		Scope
IE000470_T9.3	64487	321037	64434	321064	Sand	Other		Scope
IE000470_T9.4	64434	321064	64404	321080	Sand	Other		Scope
IE000470_T9.5	64404	321080	64380	321097	Sand	Other		Scope
IE000470_T9.6	64380	321097	64363	321111	Sand	Other		Scope
IE000470_T9.7	64363	321111	64334	321123	Sand	Other		Scope
IE000470_T9.8	64334	321123	64298	321131	Sand	Other	With oyster shell	Scope
IE000470_T9.9	64298	321131	64274	321137	Sand	Other		Scope
IE000470_T9.10	64274	321137	64260	321142	Sand	Other	With broken oyster shell and razor shell	Scope
IE000470_T9.11	64260	321142	64224	321153	Sand	Other	With broken oyster shell and razor shell	Scope
IE000470_T9.12	64224	321153	64181	321134	Sand	Other		Scope
IE000470_T9.13	64181	321134	End Point	End Point	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T10	64180	321098	64195	321082	Sand	Other		Scope
IE000470_T10.1	64195	321082	64220	321073	Sand	Other		Scope
IE000470_T10.2	64220	321073	64244	321072	Sand	Other		Scope
IE000470_T10.3	64244	321072	64269	321079	Sand	Other		Scope
IE000470_T10.4	64269	321079	64297	321085	Sand	Other		Scope
IE000470_T10.5	64297	321085	64321	321088	Sand	Other		Scope
IE000470_T10.6	64321	321088	64353	321087	Sand	Other		Scope
IE000470_T10.7	64353	321087	End Point	End Point	Sand	Other		Scope
IE000470_T11	64698	321071	64722	321080	Sand	Other		Scope
IE000470_T11.1	64722	321080	64736	321088	Rock	Other		Scope
IE000470_T11.2	64736	321088	64781	321115	Sand	Other		Scope
IE000470_T11.3	64781	321115	64802	321121	Rock	Other		Scope
IE000470_T11.4	64802	321121	64842	321143	Sand	Other		Scope
IE000470_T11.5	64842	321143	64879	321161	Sand	Other		Scope
IE000470_T11.6	64879	321161	64906	321175	Sand	Other		Scope
IE000470_T11.7	64906	321175	64941	321186	Sand	Other		Scope
IE000470_T11.8	64941	321186	64980	321198	Sand	Other		Scope
IE000470_T11.9	64980	321198	65018	321207	Sand	Other		Scope
IE000470_T11.10	65018	321207	65056	321210	Sand	Other		Scope
IE000470_T11.11	65056	321210	65099	321210	Sand	Other		Scope
IE000470_T11.12	65099	321210	65132	321209	Sand	Other		Scope
IE000470_T11.13	65132	321209	65157	321217	Sand	Other		Scope
IE000470_T11.14	65157	321217	65189	321236	Rock	Other		Scope
IE000470_T11.15	65189	321236	65209	321268	Rock	Other		Scope
IE000470_T11.16	65209	321268	65218	321309	Sand	Other		Scope
IE000470_T11.17	65218	321309	End Point	End Point	Rock	Other		Scope
IE000470_T12	65204	321856	65199	321879	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T12.1	65199	321879	65194	321903	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T12.2	65194	321903	65192	321910	Sand	Other		Scope
IE000470_T12.3	65192	321910	65176	321958	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T12.4	65176	321958	65159	321966	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T12.5	65159	321966	65178	322010	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	<i>Zostera marina</i> with very short leaf blade length	Scope
IE000470_T12.6	65178	322010	65188	322039	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T12.7	65188	322039	65189	322142	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T12.8	65189	322142	65205	322245	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T12.9	65205	322245	65224	322319	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T12.10	65224	322319	65227	322382	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T12.11	65227	322382	65222	322398	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T12.12	65222	322398	65218	322405	Sand	Other		Scope
IE000470_T12.13	65218	322405	65172	322469	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T12.14	65172	322469	65205	322483	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T12.15	65205	322483	65225	322478	Sand	Other		Scope
IE000470_T12.16	65225	322478	65289	322448	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T12.17	65289	322448	65325	322433	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T12.18	65325	322433	65383	322409	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T12.19	65383	322409	65425	322413	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	Very rare	Scope
IE000470_T12.20	65425	322413	65458	322433	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T12.21	65458	322433	65539	322400	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With large stones	Scope
IE000470_T12.22	65539	322400	65587	322381	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T12.23	65587	322381	End Point	End Point	Sand	Other	With broken shell	Scope
IE000470_T13	65392	321343	65347	321359	Sand	Other	Coarse shelly sand with macroalgae	Scope
IE000470_T13.1	65347	321359	End Point	End Point	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T14	65448	321389	65447	321426	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With sand and broken shell	Scope
IE000470_T14.1	65447	321426	65454	321530	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T14.2	65454	321530	65452	321552	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T14.3	65452	321552	65452	321558	Sand	Other		Scope
IE000470_T14.4	65452	321558	65450	321586	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T14.5	65450	321586	65445	321620	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T14.6	65445	321620	65442	321652	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T14.7	65442	321652	65439	321664	Sand	Other		Scope
IE000470_T14.8	65439	321664	65437	321685	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T14.9	65437	321685	65436	321802	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T14.10	65436	321802	65407	321826	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T14.11	65407	321826	65386	321830	Sand	Other		Scope
IE000470_T14.12	65386	321830	65364	321891	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T14.13	65364	321891	65373	321910	Sand	Other	With shell and macroalgae	Scope
IE000470_T14.14	65373	321910	65389	321950	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T14.15	65389	321950	65380	322039	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T14.16	65380	322039	65389	322188	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T14.17	65389	322188	65368	322311	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T14.18	65368	322311	65310	322470	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T14.19	65310	322470	65283	322564	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T14.20	65283	322564	65259	322642	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T14.21	65259	322642	65237	322715	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T14.22	65237	322715	65231	322738	Sand	Other	With macroalgae	Scope
IE000470_T14.23	65231	322738	65226	322774	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T14.24	65226	322774	65197	322795	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With shell	Scope
IE000470_T14.25	65197	322795	65154	322803	Sand	Other	With sand	Scope
IE000470_T14.26	65154	322803	65145	322883	Sand	Other	With macroalgae	Scope
IE000470_T14.27	65145	322883	65133	322989	Sand	Other		Scope
IE000470_T14.28	65133	322989	65100	323127	Sand	Other	With shell	Scope
IE000470_T14.29	65100	323127	65079	323265	Sand	Other		Scope
IE000470_T14.30	65079	323265	65030	323369	Sand	Other		Scope
IE000470_T14.31	65030	323369	65023	323409	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T14.32	65023	323409	65002	323483	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With shell	Scope
IE000470_T14.33	65002	323483	End Point	End Point	Sand	Other		Scope
IE000470_T15	64978	323488	64905	323448	Sand	Other		Scope
IE000470_T15.1	64905	323448	64878	323423	Sand	Other		Scope
IE000470_T15.2	64878	323423	64849	323400	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T15.3	64849	323400	64777	323343	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T15.4	64777	323343	64754	323324	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T15.5	64754	323324	64714	323287	Sand	Other		Scope
IE000470_T15.6	64714	323287	64651	323220	Sand	Other		Scope
IE000470_T15.7	64651	323220	64651	323055	Sand	Other		Scope
IE000470_T15.8	64651	323055	64682	322954	Sand	Other		Scope
IE000470_T15.9	64682	322954	64726	322865	Sand	Other		Scope
IE000470_T15.10	64726	322865	64747	322837	Sand	Other		Scope
IE000470_T15.11	64747	322837	64764	322812	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T15.12	64764	322812	64772	322796	Sand	Other		Scope
IE000470_T15.13	64772	322796	64784	322774	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T15.14	64784	322774	64840	322724	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T15.15	64840	322724	64868	322698	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T15.16	64868	322698	64924	322634	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T15.17	64924	322634	64944	322607	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T15.18	64944	322607	64960	322585	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE000470_T15.19	64960	322585	64977	322558	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE000470_T15.20	64977	322558	64995	322535	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE000470_T15.21	64995	322535	65018	322506	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE000470_T15.22	65018	322506	65066	322495	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy	With shell and sand	Scope
IE000470_T15.23	65066	322495	65077	322504	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.24	65077	322504	65094	322541	Zostera marina Rare	Zostera marina Rare	With broken shell	Scope
IE000470_T15.25	65094	322541	65110	322573	Zostera marina Occasional Patchy	Zostera marina Occasional Patchy		Scope
IE000470_T15.26	65110	322573	65115	322662	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.27	65115	322662	65086	322759	Zostera marina Rare	Zostera marina Rare	Very rare	Scope
IE000470_T15.28	65086	322759	65062	322801	Zostera marina Rare	Zostera marina Rare	With coarse sand and kelp	Scope
IE000470_T15.29	65062	322801	65046	322848	Sand	Other	With sand and broken shell	Scope
IE000470_T15.30	65046	322848	65035	322880	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.31	65035	322880	65006	322992	Sand	Other	With sand	Scope
IE000470_T15.32	65006	322992	64972	323089	Sand	Other	With macroalgae	Scope
IE000470_T15.33	64972	323089	64929	323221	Sand	Other	With macroalgae	Scope
IE000470_T15.34	64929	323221	64888	323295	Sand	Other	With macroalgae	Scope
IE000470_T15.35	64888	323295	64882	323413	Sand	Other	With shell	Scope
IE000470_T15.36	64882	323413	64904	323432	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.37	64904	323432	64996	323481	Sand	Other		Scope
IE000470_T15.38	64996	323481	65034	323505	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.39	65034	323505	65123	323514	Sand	Other		Scope
IE000470_T15.40	65123	323514	65158	323515	Sand	Other		Scope
IE000470_T15.41	65158	323515	65248	323526	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.42	65248	323526	65274	323521	Sand	Other		Scope
IE000470_T15.43	65274	323521	65371	323496	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.44	65371	323496	65410	323498	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.45	65410	323498	65492	323506	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.46	65492	323506	65583	323483	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.47	65583	323483	65636	323479	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.48	65636	323479	65652	323477	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.49	65652	323477	65694	323444	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T15.50	65694	323444	65739	323327	Rock	Other	With macroalgae	Scope
IE000470_T15.51	65739	323327	End Point	End Point	Sand	Other	With macroalgae	Scope
IE000470_T16	65747	323210	65683	323204	Sand	Other	With macroalgae	Scope
IE000470_T16.1	65683	323204	65651	323206	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T16.2	65651	323206	65592	323208	Sand	Other	With macroalgae	Scope
IE000470_T16.3	65592	323208	65504	323211	Sand	Other		Scope
IE000470_T16.4	65504	323211	65457	323219	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T16.5	65457	323219	65399	323228	Sand	Other	With macroalgae	Scope
IE000470_T16.6	65399	323228	65290	323251	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T16.7	65290	323251	65272	323253	Zostera marina Rare	Zostera marina Rare		Scope
IE000470_T16.8	65272	323253	65245	323256	Sand	Other		Scope
IE000470_T16.9	65245	323256	65205	323180	Sand	Other		Scope
IE000470_T16.10	65205	323180	65208	323112	Sand	Other		Scope
IE000470_T16.11	65208	323112	65206	323040	Sand	Other		Scope
IE000470_T16.12	65206	323040	65201	323021	Sand	Other		Scope
IE000470_T16.13	65201	323021	65268	322965	Sand	Other		Scope
IE000470_T16.14	65268	322965	65334	322931	Sand	Other		Scope
IE000470_T16.15	65334	322931	65387	322903	Sand	Other	With macroalgae	Scope
IE000470_T16.16	65387	322903	65409	322895	Sand	Other		Scope
IE000470_T16.17	65409	322895	65430	322887	Zostera marina Rare	Zostera marina Rare		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T16.18	65430	322887	65441	322884	Sand	Other		Scope
IE000470_T16.19	65441	322884	65511	322881	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T16.20	65511	322881	65546	322886	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T16.21	65546	322886	65578	322891	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T16.22	65578	322891	65609	322894	Sand	Other	With macroalgae	Scope
IE000470_T16.23	65609	322894	65657	322866	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T16.24	65657	322866	65666	322859	Sand	Other		Scope
IE000470_T16.25	65666	322859	End Point	End Point	Sand	Other	With macroalgae	Scope
IE000470_T17	65817	322618	65732	322616	Sand	Other	With macroalgae and broken shell	Scope
IE000470_T17.1	65732	322616	65714	322616	Sand	Other		Scope
IE000470_T17.2	65714	322616	65672	322621	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T17.3	65672	322621	65580	322619	Sand	Other	With broken shell	Scope
IE000470_T17.4	65580	322619	65470	322613	Broken shell	Other		Scope
IE000470_T17.5	65470	322613	65379	322617	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T17.6	65379	322617	65258	322584	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T17.7	65258	322584	65245	322567	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T17.8	65245	322567	65142	322533	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T17.9	65142	322533	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T18	65413	321279	65407	321258	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T18.1	65407	321258	65452	321243	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With shell and sand	Scope
IE000470_T18.2	65452	321243	65464	321241	Sand	Other		Scope
IE000470_T18.3	65464	321241	65529	321226	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T18.4	65529	321226	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T19	65575	321207	End Point	End Point	Sand	Other		Dive
IE000470_T20	65625	321350	65733	321336	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Dive
IE000470_T20.1	65733	321336	End Point	End Point	Sand	Other	With shell	Dive
IE000470_T21	65621	321414	65740	321383	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T21.1	65740	321383	End Point	End Point	Sand	Other	With broken shell	Dive
IE000470_T22	65622	321520	65755	321475	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T22.1	65755	321475	End Point	End Point	Sand	Other		Dive
IE000470_T23	65627	321595	65780	321558	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With rocks	Dive
IE000470_T23.1	65780	321558	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	With sand and broken shell	Dive
IE000470_T24	65630	321687	65787	321675	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T24.1	65787	321675	End Point	End Point	Sand	Other	With broken shell	Dive
IE000470_T25	65635	321817	65794	321806	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T25.1	65794	321806	End Point	End Point	Sand	Other	With broken shell	Dive
IE000470_T26	65629	321942	65891	321860	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T26.1	65891	321860	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	With broken shell	Dive
IE000470_T27	65782	322010	65883	321988	<i>Zostera marina</i> Rare Patchy and <i>Serpula vermicularis</i>	<i>Zostera marina</i> Rare Patchy and <i>Serpula vermicularis</i>		Dive
IE000470_T27.1	65883	321988	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	With sand and broken shell	Dive
IE000470_T28	65604	322216	65771	322173	<i>Zostera marina</i> Rare and <i>Serpula vermicularis</i>	<i>Zostera marina</i> Rare and <i>Serpula vermicularis</i>		Dive
IE000470_T28.1	65771	322173	End Point	End Point	Sand	Other		Dive
IE000470_T29	65638	321024	End Point	End Point	Sand	Other	With shell	Dive
IE000470_T30	65716	321228	65726	321276	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	With broken shell	Dive
IE000470_T30.1	65726	321276	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	With broken shell and sand	Dive
IE000470_T32	65742	322091	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>		Dive
IE000470_T33	65821	322321	End Point	End Point	Maërl and <i>Serpula vermicularis</i>	Maërl and <i>Serpula vermicularis</i>		Dive
IE000470_T34	65881	322085	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	With sand and broken shell	Dive
IE000470_T35	65589	322616	End Point	End Point	Maërl Living and Dead and <i>Serpula vermicularis</i>	Maërl Living and Dead and <i>Serpula vermicularis</i>	5 percent cover of 20 percent living and 80 percent dead Maërl. <i>Modiolus modiolus</i> shells present.	Dive
IE000470_T36	65134	323243	65167	323385	Sand	Other	With broken shell	Scope
IE000470_T36.1	65167	323385	65186	323442	Sand	Other	With broken shell	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T36.2	65186	323442	65185	323492	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T36.3	65185	323492	65238	323469	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T36.4	65238	323469	End Point	End Point	Sand	Other		Scope
IE000470_T37	64977	324779	64909	324763	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T37.1	64909	324763	64810	324763	Sand	Other		Scope
IE000470_T37.2	64810	324763	64741	324763	Sand	Other	With shell	Scope
IE000470_T37.3	64741	324763	64684	324757	Sand	Other	With shell and macroalgae	Scope
IE000470_T37.4	64684	324757	64600	324744	Sand	Other	With shell and macroalgae	Scope
IE000470_T37.5	64600	324744	64524	324729	Sand	Other	With shell and macroalgae	Scope
IE000470_T37.6	64524	324729	64367	324719	Sand	Other	With shell and macroalgae	Scope
IE000470_T37.7	64367	324719	64244	324716	Sand	Other	With shell and macroalgae	Scope
IE000470_T37.8	64244	324716	64155	324708	Sand	Other	With shell and macroalgae	Scope
IE000470_T37.9	64155	324708	64092	324697	Sand	Other	With shell and macroalgae	Scope
IE000470_T37.10	64092	324697	64063	324718	Sand	Other	With shell and macroalgae	Scope
IE000470_T37.11	64063	324718	64029	324799	Sand	Other	Muddy sand	Scope
IE000470_T37.12	64029	324799	64005	324905	Sand	Other	Muddy sand	Scope
IE000470_T37.13	64005	324905	63997	325020	Sand	Other	Muddy sand	Scope
IE000470_T37.14	63997	325020	63980	325130	Sand	Other	Muddy sand	Scope
IE000470_T37.15	63980	325130	63980	325222	Sand	Other	Muddy sand	Scope
IE000470_T37.16	63980	325222	64067	325225	Sand	Other		Scope
IE000470_T37.17	64067	325225	64134	325227	Sand	Other	With shell and macroalgae	Scope
IE000470_T37.18	64134	325227	64202	325218	Sand	Other	Muddy sand	Scope
IE000470_T37.19	64202	325218	64258	325230	Sand	Other		Scope
IE000470_T37.20	64258	325230	64335	325257	Sand	Other	With shell and macroalgae	Scope
IE000470_T37.21	64335	325257	64388	325282	Sand	Other		Scope
IE000470_T37.22	64388	325282	64470	325285	Sand	Other	With broken shell	Scope
IE000470_T37.23	64470	325285	64542	325290	Sand	Other	With broken shell	Scope
IE000470_T37.24	64542	325290	64606	325312	Sand	Other	With broken shell	Scope
IE000470_T37.25	64606	325312	64649	325350	Sand	Other	With broken shell	Scope
IE000470_T37.26	64649	325350	64686	325308	Sand	Other		Scope
IE000470_T37.27	64686	325308	64713	325255	Sand	Other		Scope
IE000470_T37.28	64713	325255	64726	325194	Sand	Other		Scope
IE000470_T37.29	64726	325194	64766	325017	Sand	Other		Scope
IE000470_T37.30	64766	325017	64819	324895	Sand	Other		Scope
IE000470_T37.31	64819	324895	64852	324845	Sand	Other	With macroalgae	Scope
IE000470_T37.32	64852	324845	64875	324900	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T37.33	64875	324900	64888	324973	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T37.34	64888	324973	64902	325099	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T37.35	64902	325099	64901	325198	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T37.36	64901	325198	64903	325293	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T37.37	64903	325293	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T38	65134	324698	65077	324740	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T38.1	65077	324740	65073	324800	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T38.2	65073	324800	65076	324870	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T38.3	65076	324870	65063	324991	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T38.4	65063	324991	65048	325070	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T38.5	65048	325070	65024	325118	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With shell	Scope
IE000470_T38.6	65024	325118	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T39	65134	326003	65168	326030	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With macroalgae	Scope
IE000470_T39.1	65168	326030	65193	326086	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE000470_T39.2	65193	326086	65202	326153	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE000470_T39.3	65202	326153	65212	326205	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope



Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T39.4	65212	326205	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T40	65215	326262	65238	326299	Sand	Other	With macroalgae	Scope
IE000470_T40.1	65238	326299	65261	326352	Sand	Other	With shell	Scope
IE000470_T40.2	65261	326352	65304	326418	Sand	Other	With broken shell	Scope
IE000470_T40.3	65304	326418	65397	326471	Sand	Other		Scope
IE000470_T40.4	65397	326471	65509	326479	Sand	Other		Scope
IE000470_T40.5	65509	326479	65662	326465	Sand	Other		Scope
IE000470_T40.6	65662	326465	65697	326466	Sand	Other		Scope
IE000470_T40.7	65697	326466	65730	326471	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T40.8	65730	326471	65756	326488	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE000470_T40.9	65756	326488	65777	326495	Sand	Other	With macroalgae	Scope
IE000470_T40.10	65777	326495	65799	326461	Sand	Other		Scope
IE000470_T40.11	65799	326461	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T41	65942	326461	66011	326463	Sand	Other		Scope
IE000470_T41.1	66011	326463	66054	326467	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T41.2	66054	326467	66061	326443	Rock	Other	With macroalgae	Scope
IE000470_T41.3	66061	326443	66066	326423	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T41.4	66066	326423	66100	326419	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T41.5	66100	326419	66118	326420	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T41.6	66118	326420	66129	326423	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T41.7	66129	326423	66192	326379	Rock	Other	With macroalgae	Scope
IE000470_T41.8	66192	326379	66215	326335	Sand	Other		Scope
IE000470_T41.9	66215	326335	66205	326292	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T41.10	66205	326292	66240	326226	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T41.11	66240	326226	66258	326230	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T41.12	66258	326230	66312	326256	Sand	Other		Scope
IE000470_T41.13	66312	326256	66386	326282	Sand	Other		Scope
IE000470_T41.14	66386	326282	66342	326225	Sand	Other		Scope
IE000470_T41.15	66342	326225	66269	326177	Sand	Other		Scope
IE000470_T41.16	66269	326177	66231	326076	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T41.17	66231	326076	66306	326077	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T41.18	66306	326077	66335	326079	Sand	Other		Scope
IE000470_T41.19	66335	326079	66370	326076	Sand	Other		Scope
IE000470_T41.20	66370	326076	66413	326042	Sand	Other		Scope
IE000470_T41.21	66413	326042	66315	325994	Sand	Other		Scope
IE000470_T41.22	66315	325994	66300	325990	Sand	Other		Scope
IE000470_T41.23	66300	325990	66200	325917	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T41.24	66200	325917	66226	325854	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T41.25	66226	325854	66271	325858	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T41.26	66271	325858	66262	325855	Sand	Other	With macroalgae	Scope
IE000470_T41.27	66262	325855	66251	325838	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE000470_T41.28	66251	325838	66235	325827	Sand	Other	With rocks and macroalgae	Scope
IE000470_T41.29	66235	325827	66197	325790	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T41.30	66197	325790	66175	325733	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T41.31	66175	325733	66168	325692	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T41.32	66168	325692	66173	325684	Sand	Other		Scope
IE000470_T41.33	66173	325684	66190	325671	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With shell and sand	Scope
IE000470_T41.34	66190	325671	66200	325667	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T41.35	66200	325667	66222	325660	Sand	Other	With rocks and macroalgae	Scope
IE000470_T41.36	66222	325660	66216	325645	Rock	Other	With macroalgae	Scope
IE000470_T41.37	66216	325645	66203	325639	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T41.38	66203	325639	66164	325640	Rock	Other	With macroalgae	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T41.39	66164	325640	66123	325648	Sand	Other	With shell and macroalgae	Scope
IE000470_T41.40	66123	325648	End Point	End Point	Sand	Other		Scope
IE000470_T42	66192	325630	66076	325620	Rock	Other	With macroalgae	Dive
IE000470_T42.1	66076	325620	End Point	End Point	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Dive
IE000470_T43	66098	325513	66128	325511	Sand	Other	With rocks and macroalgae	Dive
IE000470_T43.1	66128	325511	66148	325497	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Dive
IE000470_T43.2	66148	325497	End Point	End Point	Sand	Other	With rocks and macroalgae	Dive
IE000470_T44	66099	325424	66293	325393	Mud	Other		Dive
IE000470_T44.1	66293	325393	End Point	End Point	Rock	Other		Dive
IE000470_T45	65966	325722	65968	325744	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T45.1	65968	325744	65948	325917	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T45.2	65948	325917	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T46	65684	325730	65561	325536	<i>Zostera marina</i> Rare Patchy and <i>Serpula vermicularis</i>	<i>Zostera marina</i> Rare Patchy and <i>Serpula vermicularis</i>		Dive
IE000470_T46.1	65561	325536	End Point	End Point	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Dive
IE000470_T47	65767	325702	65636	325826	Sand	Other		Dive
IE000470_T47.1	65636	325826	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T48	65769	325929	65806	326088	Sand	Other		Dive
IE000470_T48.1	65806	326088	End Point	End Point	<i>Zostera marina</i> Rare and <i>Serpula vermicularis</i>	<i>Zostera marina</i> Rare and <i>Serpula vermicularis</i>		Dive
IE000470_T49	65914	326106	66192	325893	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T49.1	66192	325893	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	<i>Zostera marina</i> continues to shore	Dive
IE000470_T50	65725	326358	65819	326092	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T50.1	65819	326092	End Point	End Point	Sand	Other		Dive
IE000470_T52	65587	326088	65647	325845	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T52.1	65647	325845	End Point	End Point	Sand	Other		Dive
IE000470_T53	65461	325753	65547	325555	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T53.1	65547	325555	End Point	End Point	Sand	Other		Dive
IE000470_T54	65320	325521	65950	325945	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE000470_T54.1	65950	325945	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>		Dive
IE000470_T55	65874	322412	End Point	End Point	Maërl Living and Dead and <i>Serpula vermicularis</i>	Maërl Living and Dead and <i>Serpula vermicularis</i>	10 percent cover of 80 percent living and 20 percent dead Maërl. <i>Serpula vermicularis</i> very rare	Dive
IE000470_T56	66075	322547	66272	322769	Sand	Other	15 percent cover of 50 percent living and 50 percent dead Maërl. <i>Modiolus modiolus</i> shells present.	Dive
IE000470_T56.1	66272	322769	End Point	End Point	Maërl Living and Dead and <i>Serpula vermicularis</i>	Maërl Living and Dead and <i>Serpula vermicularis</i>		Dive
IE000470_T57	66252	322773	67032	323696	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	20 percent cover of 50 percent living and 50 percent dead Maërl. <i>Modiolus modiolus</i> shells present.	Dive
IE000470_T57.1	67032	323696	End Point	End Point	Sand	Other		Dive
IE000470_T58	68014	323550	67461	323592	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i> (abundant) with <i>Turritella communis</i>	Dive
IE000470_T58.1	67461	323592	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>		Dive
IE000470_T59	68531	324929	68115	325041	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>		Dive
IE000470_T59.1	68115	325041	End Point	End Point	Maërl Living and Dead and <i>Serpula vermicularis</i>	Maërl Living and Dead and <i>Serpula vermicularis</i>	1 percent cover of 80 percent living and 20 percent dead Maërl. <i>Serpula vermicularis</i> very rare	Dive
IE000470_T60	67008	324760	66970	324746	Sand	Other		Dive
IE000470_T60.1	66970	324746	End Point	End Point	Sand	Other		Dive
IE000470_T61	66999	322544	66736	322492	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>		Dive
IE000470_T61.1	66736	322492	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i> recorded throughout entire dive	Dive
IE000470_T62	66759	321749	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i> boundary	Dive
IE000470_T63	66759	321749	66891	321715	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>		Dive
IE000470_T63.1	66891	321715	End Point	End Point	Sand	Other	<i>Serpula vermicularis</i> occurred at the start of this transect.	Dive
IE000470_T64	69894	324932	70629	325710	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant		Dive
IE000470_T64.1	70629	325710	End Point	End Point	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant	Muddy sand throughout this transect with <i>Amphiura filiformis</i> and <i>Philine aperta</i> common	Dive
IE000470_T65	70008	323379	69612	323476	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant	Very species rich site. <i>Lanice conchilega</i> (abundant)	Dive

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T65.1	69612	323476	End Point	End Point	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant		Dive
IE000470_T66	64842	325593	64865	325512	Sand	Other	With macroalgae at the beginning of the transect	Scope
IE000470_T66.1	64865	325512	64909	325522	Sand	Other		Scope
IE000470_T66.2	64909	325522	64952	325560	Sand	Other		Scope
IE000470_T66.3	64952	325560	64984	325609	Sand	Other		Scope
IE000470_T66.4	64984	325609	64978	325652	Sand	Other		Scope
IE000470_T66.5	64978	325652	64940	325683	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With shell	Scope
IE000470_T66.6	64940	325683	64756	325510	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T66.7	64756	325510	64877	325664	Sand	Other		Scope
IE000470_T66.8	64877	325664	64888	325637	Sand	Other		Scope
IE000470_T66.9	64888	325637	64903	325630	Sand	Other		Scope
IE000470_T66.10	64903	325630	64911	325626	Sand	Other	With macroalgae	Scope
IE000470_T66.11	64911	325626	64940	325618	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T66.12	64940	325618	65011	325613	Sand	Other		Scope
IE000470_T66.13	65011	325613	65044	325635	Sand	Other		Scope
IE000470_T66.14	65044	325635	65050	325657	Sand	Other		Scope
IE000470_T66.15	65050	325657	65055	325692	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T66.16	65055	325692	65056	325757	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With macroalgae	Scope
IE000470_T66.17	65056	325757	64984	325771	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T66.18	64984	325771	64932	325761	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T66.19	64932	325761	64902	325752	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T66.20	64902	325752	64873	325742	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T66.21	64873	325742	64863	325740	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T66.22	64863	325740	64878	325747	Rock	Other	With macroalgae	Scope
IE000470_T66.23	64878	325747	64880	325775	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With sand	Scope
IE000470_T66.24	64880	325775	64868	325821	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T66.25	64868	325821	64873	325849	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE000470_T66.26	64873	325849	64889	325854	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T66.27	64889	325854	64915	325861	Sand	Other		Scope
IE000470_T66.28	64915	325861	64950	325875	Sand	Other		Scope
IE000470_T66.29	64950	325875	64963	325882	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T66.30	64963	325882	64978	325892	Sand	Other		Scope
IE000470_T66.31	64978	325892	64981	325900	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T66.32	64981	325900	64956	325916	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T66.33	64956	325916	64916	325934	Sand	Other		Scope
IE000470_T66.34	64916	325934	64886	325948	Sand	Other		Scope
IE000470_T66.35	64886	325948	64853	325963	Sand	Other		Scope
IE000470_T66.36	64853	325963	64810	325963	Sand	Other	With shell and macroalgae	Scope
IE000470_T66.37	64810	325963	End Point	End Point	Sand	Other		Scope
IE000470_T67	64904	325994	64910	326010	Sand	Other		Scope
IE000470_T67.1	64910	326010	64918	326016	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T67.2	64918	326016	64936	326012	Sand	Other	With macroalgae	Scope
IE000470_T67.3	64936	326012	64970	326002	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> 50 percent cover, macroalgae 50 percent cover	Scope
IE000470_T67.4	64970	326002	64993	325997	Sand	Other	With stones, macroalgae and broken shell	Scope
IE000470_T67.5	64993	325997	65042	325981	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T67.6	65042	325981	65072	325973	Kelp	Other	With macroalgae	Scope
IE000470_T67.7	65072	325973	65087	325970	Kelp	Other	With macroalgae	Scope
IE000470_T67.8	65087	325970	65098	325968	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T67.9	65098	325968	65123	325971	Sand	Other	With kelp	Scope
IE000470_T67.10	65123	325971	65136	325976	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T67.11	65136	325976	65157	326000	Kelp	Other	With macroalgae	Scope
IE000470_T67.12	65157	326000	65162	326024	Sand	Other	With kelp	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T67.13	65162	326024	65165	326024	Kelp	Other		Scope
IE000470_T67.14	65165	326046	65180	326062	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T67.15	65180	326062	65186	326067	Sand	Other	With macroalgae	Scope
IE000470_T67.16	65186	326067	65210	326082	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T67.17	65210	326082	65249	326107	Sand	Other	With macroalgae	Scope
IE000470_T67.18	65249	326107	65264	326117	Sand	Other	With macroalgae	Scope
IE000470_T67.19	65264	326117	65305	326148	Sand	Other		Scope
IE000470_T67.20	65305	326148	65314	326182	Sand	Other		Scope
IE000470_T67.21	65314	326182	65293	326218	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T67.22	65293	326218	65274	326247	Sand	Other	With macroalgae	Scope
IE000470_T67.23	65274	326247	65253	326269	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T67.24	65253	326269	65247	326294	Sand	Other	With shell	Scope
IE000470_T67.25	65247	326294	65340	326326	Sand	Other	With shell	Scope
IE000470_T67.26	65340	326326	65368	326331	Sand	Other		Scope
IE000470_T67.27	65368	326331	65388	326335	Sand	Other	With shell and macroalgae	Scope
IE000470_T67.28	65388	326335	65405	326354	Sand	Other	With macroalgae	Scope
IE000470_T67.29	65405	326354	65380	326375	Sand	Other	With shell	Scope
IE000470_T67.30	65380	326375	65347	326391	Sand	Other	Muddy sand	Scope
IE000470_T67.31	65347	326391	65314	326401	Sand	Other	Muddy sand	Scope
IE000470_T67.32	65314	326401	65314	326434	Sand	Other		Scope
IE000470_T67.33	65314	326434	65336	326443	Sand	Other		Scope
IE000470_T67.34	65336	326443	65364	326444	Sand	Other		Scope
IE000470_T67.35	65364	326444	65391	326436	Sand	Other		Scope
IE000470_T67.36	65391	326436	65412	326414	Sand	Other		Scope
IE000470_T67.37	65412	326414	65424	326395	Sand	Other		Scope
IE000470_T67.38	65424	326395	65433	326380	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T67.39	65433	326380	65445	326344	Sand	Other	With shell	Scope
IE000470_T67.40	65445	326344	65461	326306	Sand	Other	With shell	Scope
IE000470_T67.41	65461	326306	65476	326275	Sand	Other	With shell	Scope
IE000470_T67.42	65476	326275	65501	326244	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T67.43	65501	326244	65524	326220	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T67.44	65524	326220	End Point	End Point	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T68	65691	326448	65671	326461	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T68.1	65671	326461	65672	326405	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T68.2	65672	326405	65679	326357	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T68.3	65679	326357	65665	326326	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T68.4	65665	326326	65636	326263	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Very rare	Scope
IE000470_T68.5	65636	326263	65620	326215	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T68.6	65620	326215	65604	326181	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T68.7	65604	326181	End Point	End Point	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T69	64992	325330	64899	325348	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T69.1	64899	325348	64827	325351	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T69.2	64827	325351	64760	325355	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T69.3	64760	325355	64688	325355	Sand	Other		Scope
IE000470_T69.4	64688	325355	64676	325235	Sand	Other	With macroalgae	Scope
IE000470_T69.5	64676	325235	64677	325193	Sand	Other	With macroalgae	Scope
IE000470_T69.6	64677	325193	End Point	End Point	Sand	Other	With macroalgae	Scope
IE000470_T70	64916	324588	64920	324612	Sand	Other	With broken shell	Scope
IE000470_T70.1	64920	324612	64945	324652	Sand	Other		Scope
IE000470_T70.2	64945	324652	64970	324714	Sand	Other	With shell	Scope
IE000470_T70.3	64970	324714	64982	324748	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T70.4	64982	324748	65000	324790	<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
IE000470_170.5	65000	324790	65034	324843	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_170.6	65034	324843	65065	324894	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_170.7	65065	324894	65126	324960	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_170.8	65126	324960	65151	324993	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_170.9	65151	324993	End Point	End Point	Sand	Other		Scope
IE000470_171	65211	324931	65226	324887	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_171.1	65226	324887	65236	324862	Sand	Other		Scope
IE000470_171.2	65236	324862	65186	324756	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_171.3	65186	324756	65149	324684	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_171.4	65149	324684	65117	324587	Sand	Other		Scope
IE000470_171.5	65117	324587	65107	324540	Sand	Other		Scope
IE000470_171.6	65107	324540	65108	324495	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_171.7	65108	324495	65123	324483	Sand	Other		Scope
IE000470_171.8	65123	324483	65137	324471	Sand	Other	With macroalgae and rocks+U958	Scope
IE000470_171.9	65137	324471	65166	324498	Sand	Other	With shell	Scope
IE000470_171.10	65166	324498	65191	324539	Sand	Other	With shell	Scope
IE000470_171.11	65191	324539	65244	324605	Sand	Other		Scope
IE000470_171.12	65244	324605	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_172	65310	324856	65848	324706	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Dive
IE000470_172.1	65848	324706	End Point	End Point	Sand	Other	With <i>Serpula vermicularis</i> and <i>Sabella pavonina</i> very rare	Dive
IE000470_173	66047	324977	65688	324958	<i>Serpula vermicularis</i> Rare	<i>Serpula vermicularis</i> Rare	With <i>Turritella communis</i> and <i>Metridium senile</i>	Dive
IE000470_173.1	65688	324958	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	<i>Zostera marina</i> starts at this point	Dive
IE000470_174	65825	325176	65606	325103	Mud	Other	<i>Zostera marina</i> and <i>Serpula vermicularis</i> boundary	Dive
IE000470_174.1	65606	325103	End Point	End Point	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> starts here	Dive
IE000470_175	65737	325412	65562	325385	<i>Serpula vermicularis</i> Rare	<i>Serpula vermicularis</i> Rare	With <i>Turritella communis</i> and <i>Metridium senile</i>	Dive
IE000470_175.1	65562	325385	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	<i>Zostera marina</i> starts at this point	Dive
IE000470_176	65432	323521	65407	323476	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_176.1	65407	323476	65391	323450	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_176.2	65391	323450	End Point	End Point	Sand	Other		Scope
IE000470_177	65353	323428	65294	323434	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_177.1	65294	323434	65276	323479	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_177.2	65276	323479	65267	323517	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_177.3	65267	323517	65266	323529	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_177.4	65266	323529	65282	323556	Sand	Other		Scope
IE000470_177.5	65282	323556	65374	323542	Sand	Other		Scope
IE000470_177.6	65374	323542	End Point	End Point	Sand	Other		Scope
IE000470_178	65552	323476	65563	323429	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_178.1	65563	323429	End Point	End Point	Sand	Other		Scope
IE000470_179	67700	326939	67515	327011	Sand	Other	With macroalgae and broken shell	Scope
IE000470_179.1	67515	327011	67438	327032	Maërl Living and Dead	Maërl Living and Dead	With macroalgae	Scope
IE000470_179.2	67438	327032	67346	327066	Cobble	Other	With sand	Scope
IE000470_179.3	67346	327066	67338	327107	Sand	Other	With macroalgae and pebbles	Scope
IE000470_179.4	67338	327107	67346	327158	Sand	Other	With cobble and macroalgae	Scope
IE000470_179.5	67346	327158	67361	327221	Sand	Other	With cobble and macroalgae	Scope
IE000470_179.6	67361	327221	67366	327288	Sand	Other	With coarse sand and shell	Scope
IE000470_179.7	67366	327288	67363	327347	Sand	Other	With cobble	Scope
IE000470_179.8	67363	327347	67350	327396	Sand	Other		Scope
IE000470_179.9	67350	327396	67318	327478	Maërl Living and Dead	Maërl Living and Dead	80 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE000470_179.10	67318	327478	67295	327500	Maërl Living and Dead	Maërl Living and Dead	80 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE000470_179.11	67295	327500	67273	327537	Sand	Other		Scope
IE000470_179.12	67273	327537	67289	327626	Sand	Other	With macroalgae and pebbles	Scope
IE000470_179.13	67289	327626	67300	327657	Sand	Other		Scope

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IE000470_179.14	67300	327657	67279	327774	Maërl Living and Dead	Maërl Living and Dead		Scope
IE000470_179.15	67279	327774	67265	327873	Sand	Other	With broken shell	Scope
IE000470_179.16	67265	327873	67256	327946	Sand	Other	With broken shell	Scope
IE000470_179.17	67256	327946	67235	328004	Sand	Other	With broken shell	Scope
IE000470_179.18	67235	328004	67226	328045	Sand	Other	With broken shell	Scope
IE000470_179.19	67226	328045	67198	328141	Sand	Other	With broken shell	Scope
IE000470_179.20	67198	328141	67173	328196	Sand	Other	With broken shell	Scope
IE000470_179.21	67173	328196	67149	328227	Sand	Other	With broken shell	Scope
IE000470_179.22	67149	328227	67114	328270	Sand	Other		Scope
IE000470_179.23	67114	328270	67091	328327	Sand	Other	With broken shell	Scope
IE000470_179.24	67091	328327	67064	328390	Sand	Other	With broken shell	Scope
IE000470_179.25	67064	328390	67072	328474	Sand	Other	With <i>Serpula vermicularis</i> very rare	Scope
IE000470_179.26	67072	328474	67084	328538	Sand	Other	With broken shell	Scope
IE000470_179.27	67084	328538	67094	328607	Sand	Other	With broken shell	Scope
IE000470_179.28	67094	328607	67095	328680	Sand	Other	With broken shell	Scope
IE000470_179.29	67095	328680	67082	328670	Sand	Other		Scope
IE000470_179.30	67082	328670	67060	328714	Sand	Other	With broken shell	Scope
IE000470_179.31	67060	328714	67064	328770	Sand	Other	With broken shell	Scope
IE000470_179.32	67064	328770	67120	328781	Sand	Other		Scope
IE000470_179.33	67120	328781	67145	328774	Sand	Other		Scope
IE000470_179.34	67145	328774	67198	328754	Sand	Other	Muddy sand	Scope
IE000470_179.35	67198	328754	67253	328710	Sand	Other	Muddy sand	Scope
IE000470_179.36	67253	328710	67353	328701	Sand	Other	Muddy sand	Scope
IE000470_179.37	67353	328701	67418	328718	Sand	Other	Muddy sand	Scope
IE000470_179.38	67418	328718	67477	328747	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.39	67477	328747	67498	328755	Sand	Other		Scope
IE000470_179.40	67498	328755	67523	328759	Sand	Other	Muddy sand	Scope
IE000470_179.41	67523	328759	67593	328739	Sand	Other	With broken shell	Scope
IE000470_179.42	67593	328739	67594	328684	Sand	Other		Scope
IE000470_179.43	67594	328684	67557	328611	Sand	Other		Scope
IE000470_179.44	67557	328611	67525	328562	Sand	Other		Scope
IE000470_179.45	67525	328562	67496	328520	Sand	Other		Scope
IE000470_179.46	67496	328520	67455	328469	Sand	Other		Scope
IE000470_179.47	67455	328469	67412	328411	Sand	Other		Scope
IE000470_179.48	67412	328411	67378	328361	Sand	Other		Scope
IE000470_179.49	67378	328361	67330	328304	Sand	Other	With broken shell	Scope
IE000470_179.50	67330	328304	67279	328264	Sand	Other	With broken shell	Scope
IE000470_179.51	67279	328264	67228	328215	Sand	Other	With stones and broken shell	Scope
IE000470_179.52	67228	328215	67263	328159	Sand	Other	With stones and broken shell	Scope
IE000470_179.53	67263	328159	67387	328199	Sand	Other	With macroalgae, stones and broken shell	Scope
IE000470_179.54	67387	328199	67460	328222	Sand	Other	With broken shell	Scope
IE000470_179.55	67460	328222	67529	328231	Sand	Other	With broken shell	Scope
IE000470_179.56	67529	328231	67606	328247	Sand	Other	With broken shell	Scope
IE000470_179.57	67606	328247	67669	328263	Sand	Other		Scope
IE000470_179.58	67669	328263	67738	328277	Sand	Other	With broken shell	Scope
IE000470_179.59	67738	328277	67800	328283	Sand	Other	With broken shell	Scope
IE000470_179.60	67800	328283	67855	328300	Sand	Other	With broken shell	Scope
IE000470_179.61	67855	328300	67894	328308	Sand	Other	With broken shell	Scope
IE000470_179.62	67894	328308	67942	328313	Maërl Living and Dead	Maërl Living and Dead	80 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE000470_179.63	67942	328313	67970	328312	Maërl Living and Dead	Maërl Living and Dead	80 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE000470_179.64	67970	328312	67972	328279	Sand	Other	With macroalgae	Scope
IE000470_179.65	67972	328279	67953	328263	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	One small patch of <i>Zostera marina</i>	Scope



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IE000470_179.66	67953	328263	67944	328249	Sand	Other	With rocks	Scope
IE000470_179.67	67944	328249	67910	328222	Maërl Living and Dead	Maërl Living and Dead	70 percent cover of 30 percent living and 70 percent dead Maërl	Scope
IE000470_179.68	67910	328222	67877	328199	Sand	Other		Scope
IE000470_179.69	67877	328199	67826	328156	Maërl Living and Dead	Maërl Living and Dead	50 percent cover of 20 percent living and 80 percent dead Maërl	Scope
IE000470_179.70	67826	328156	67788	328113	Sand	Other	With shell	Scope
IE000470_179.71	67788	328113	67752	328081	Sand	Other		Scope
IE000470_179.72	67752	328081	67715	328049	Sand	Other		Scope
IE000470_179.73	67715	328049	67637	327961	Sand	Other		Scope
IE000470_179.74	67637	327961	67521	327859	Sand	Other		Scope
IE000470_179.75	67521	327859	67471	327836	Sand	Other	With shell and macroalgae	Scope
IE000470_179.76	67471	327836	67417	327811	Sand	Other		Scope
IE000470_179.77	67417	327811	67331	327774	Sand	Other	With macroalgae and broken shell	Scope
IE000470_179.78	67331	327774	67275	327712	Maërl Living and Dead	Maërl Living and Dead	50 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE000470_179.79	67275	327712	67272	327676	Maërl Dead	Maërl Dead		Scope
IE000470_179.80	67272	327676	67385	327637	Sand	Other	With macroalgae and broken shell	Scope
IE000470_179.81	67385	327637	67456	327657	Sand	Other	With macroalgae and broken shell	Scope
IE000470_179.82	67456	327657	67539	327665	Maërl Living and Dead	Maërl Living and Dead	50 percent cover of 80 percent living and 20 percent dead Maërl	Scope
IE000470_179.83	67539	327665	67566	327661	Sand	Other	With macroalgae	Scope
IE000470_179.84	67566	327661	67616	327655	Maërl Living	Maërl Living	10 percent cover of living Maërl, with macroalgae	Scope
IE000470_179.85	67616	327655	67672	327643	Sand	Other		Scope
IE000470_179.86	67672	327643	67731	327617	Maërl Dead	Maërl Dead	10 percent cover of dead Maërl, with cobble	Scope
IE000470_179.87	67731	327617	67820	327637	Sand	Other	With gravel and macroalgae	Scope
IE000470_179.88	67820	327637	67869	327652	Sand	Other	With cobble and macroalgae	Scope
IE000470_179.89	67869	327652	67940	327686	Sand	Other	With shell and macroalgae	Scope
IE000470_179.90	67940	327686	68043	327735	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.91	68043	327735	68140	327787	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.92	68140	327787	68219	327827	Sand	Other	With broken shell	Scope
IE000470_179.93	68219	327827	68277	327862	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.94	68277	327862	68319	327879	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.95	68319	327879	68333	327844	Gravel	Other		Scope
IE000470_179.96	68333	327844	68326	327959	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.97	68326	327959	68294	328029	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.98	68294	328029	68110	328154	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.99	68110	328154	68276	328017	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.100	68276	328017	68226	328030	Gravel	Other		Scope
IE000470_179.101	68226	328030	68210	328061	Gravel	Other	With macroalgae and rock	Scope
IE000470_179.102	68210	328061	68173	328097	Rock	Other		Scope
IE000470_179.103	68173	328097	68150	328123	Sand	Other	With macroalgae	Scope
IE000470_179.104	68150	328123	68129	328146	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_179.105	68129	328146	68125	328157	Sand	Other	With macroalgae	Scope
IE000470_179.106	68125	328157	68140	328173	Sand	Other	With kelp	Scope
IE000470_179.107	68140	328173	68150	328178	Gravel	Other	With macroalgae	Scope
IE000470_179.108	68150	328178	68179	328177	Sand	Other	With macroalgae	Scope
IE000470_179.109	68179	328177	68201	328177	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE000470_179.110	68201	328177	68213	328177	Sand	Other	With macroalgae	Scope
IE000470_179.111	68213	328177	68229	328178	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.112	68229	328178	68247	328182	Sand	Other	With macroalgae	Scope
IE000470_179.113	68247	328182	68257	328174	Sand	Other	With macroalgae	Scope
IE000470_179.114	68257	328174	68252	328164	Sand	Other	With macroalgae	Scope
IE000470_179.115	68252	328164	68239	328151	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.116	68239	328151	68231	328143	Sand	Other		Scope
IE000470_179.117	68231	328143	68230	328124	Rock	Other		Scope

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IE000470_179.118	68230	328124	68219	328118	Rock	Other		Scope
IE000470_179.119	68219	328118	68207	328117	Rock	Other	With macroalgae and cobble	Scope
IE000470_179.120	68207	328117	68184	328117	Sand	Other	With macroalgae	Scope
IE000470_179.121	68184	328117	68164	328120	Sand	Other	With macroalgae	Scope
IE000470_179.122	68164	328120	68141	328129	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.123	68141	328129	68124	328139	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.124	68124	328139	68106	328150	Sand	Other	With macroalgae	Scope
IE000470_179.125	68106	328150	68088	328151	Cobble	Other	With kelp	Scope
IE000470_179.126	68088	328151	68019	328175	Sand	Other	With macroalgae	Scope
IE000470_179.127	68019	328175	68012	328186	Sand	Other	With macroalgae	Scope
IE000470_179.128	68012	328186	68003	328200	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.129	68003	328200	67997	328220	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.130	67997	328220	67990	328239	Sand	Other	With cobble and macroalgae	Scope
IE000470_179.131	67990	328239	67987	328261	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.132	67987	328261	67983	328326	Sand	Other	With macroalgae	Scope
IE000470_179.133	67983	328326	67963	328360	Sand	Other	With macroalgae	Scope
IE000470_179.134	67963	328360	67950	328383	Sand	Other	With macroalgae	Scope
IE000470_179.135	67950	328383	67925	328411	Sand	Other	With macroalgae	Scope
IE000470_179.136	67925	328411	67892	328438	Sand	Other	With macroalgae	Scope
IE000470_179.137	67892	328438	67881	328498	Sand	Other	With macroalgae	Scope
IE000470_179.138	67881	328498	67855	328572	Sand	Other	With macroalgae and cobble	Scope
IE000470_179.139	67855	328572	67830	328596	Sand	Other	With macroalgae	Scope
IE000470_179.140	67830	328596	67814	328612	Sand	Other	With macroalgae	Scope
IE000470_179.141	67814	328612	67795	328667	Sand	Other	With macroalgae	Scope
IE000470_179.142	67795	328667	67747	328703	Sand	Other	With macroalgae	Scope
IE000470_179.143	67747	328703	67685	328719	Sand	Other	With macroalgae	Scope
IE000470_179.144	67685	328719	67641	328738	Sand	Other		Scope
IE000470_179.145	67641	328738	67598	328746	Sand	Other		Scope
IE000470_179.146	67598	328746	67564	328723	Sand	Other		Scope
IE000470_179.147	67564	328723	67603	328667	Sand	Other		Scope
IE000470_179.148	67603	328667	67643	328645	Sand	Other		Scope
IE000470_179.149	67643	328645	67669	328626	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.150	67669	328626	67792	328571	Sand	Other		Scope
IE000470_179.151	67792	328571	67833	328510	Sand	Other		Scope
IE000470_179.152	67833	328510	67840	328472	Sand	Other	With macroalgae	Scope
IE000470_179.153	67840	328472	67847	328411	Sand	Other		Scope
IE000470_179.154	67847	328411	67875	328327	Sand	Other		Scope
IE000470_179.155	67875	328327	67913	328245	Sand	Other		Scope
IE000470_179.156	67913	328245	67927	328201	Maërl Living and Dead	Maërl Living and Dead	60 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE000470_179.157	67927	328201	67973	328181	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.158	67973	328181	68003	328148	Sand	Other	With macroalgae	Scope
IE000470_179.159	68003	328148	68033	328116	Sand	Other	With macroalgae	Scope
IE000470_179.160	68033	328116	68042	328062	Sand	Other	With macroalgae	Scope
IE000470_179.161	68042	328062	68067	328041	Sand	Other	With macroalgae	Scope
IE000470_179.162	68067	328041	68093	328026	Sand	Other	With gravel	Scope
IE000470_179.163	68093	328026	68126	328020	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.164	68126	328020	68150	328019	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.165	68150	328019	68203	328005	Sand	Other		Scope
IE000470_179.166	68203	328005	68233	327994	Sand	Other	With gravel and macroalgae	Scope
IE000470_179.167	68233	327994	68265	327977	Sand	Other	With macroalgae	Scope
IE000470_179.168	68265	327977	68278	327928	Sand	Other	With gravel and macroalgae	Scope
IE000470_179.169	68278	327928	68277	327883	Sand	Other	With macroalgae	Scope

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IE000470_179.170	68277	327883	68307	327832	Sand	Other	With gravel and macroalgae	Scope
IE000470_179.171	68307	327832	67762	327790	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_179.172	67762	327790	67674	327823	Sand	Other	With shell	Scope
IE000470_179.173	67674	327823	67608	327882	Sand	Other	With macroalgae	Scope
IE000470_179.174	67608	327882	67554	327907	Sand	Other	With shell	Scope
IE000470_179.175	67554	327907	67494	327927	Sand	Other	With shell	Scope
IE000470_179.176	67494	327927	67432	327949	Sand	Other	With shell	Scope
IE000470_179.177	67432	327949	67375	327968	Sand	Other	With shell	Scope
IE000470_179.178	67375	327968	67274	327969	Sand	Other	With shell	Scope
IE000470_179.179	67274	327969	67121	327925	Sand	Other	With shell	Scope
IE000470_179.180	67121	327925	67103	327905	Rock	Other		Scope
IE000470_179.181	67103	327905	67079	327892	Gravel	Other	With macroalgae and rock	Scope
IE000470_179.182	67079	327892	67102	327783	Sand	Other		Scope
IE000470_179.183	67102	327783	67135	327709	Sand	Other	With broken shell	Scope
IE000470_179.184	67135	327709	67175	327645	Sand	Other	With broken shell	Scope
IE000470_179.185	67175	327645	67208	327588	Sand	Other	With broken shell	Scope
IE000470_179.186	67208	327588	67209	327518	Sand	Other	With broken shell	Scope
IE000470_179.187	67209	327518	67229	327449	Sand	Other	With broken shell	Scope
IE000470_179.188	67229	327449	67255	327380	Sand	Other	With gravel	Scope
IE000470_179.189	67255	327380	67261	327333	Sand	Other	With gravel and macroalgae	Scope
IE000470_179.190	67261	327333	67259	327269	Sand	Other	With broken shell	Scope
IE000470_179.191	67259	327269	67244	327176	Sand	Other	With macroalgae, broken shell and cobble	Scope
IE000470_179.192	67244	327176	67244	327078	Sand	Other	With gravel and macroalgae	Scope
IE000470_179.193	67244	327078	67241	327050	Sand	Other	With gravel and macroalgae	Scope
IE000470_179.194	67241	327050	67237	327007	Maërl Living and Dead	Maërl Living and Dead	60 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE000470_179.195	67237	327007	67234	326962	Sand	Other	With broken shell and gravel	Scope
IE000470_179.196	67234	326962	67230	326908	Gravel	Other	With sand and macroalgae	Scope
IE000470_179.197	67230	326908	67214	326851	Rock	Other	With macroalgae	Scope
IE000470_179.198	67214	326851	67260	326798	Cobble	Other	With macroalgae	Scope
IE000470_179.199	67260	326798	67309	326798	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.200	67309	326798	67340	326793	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.201	67340	326793	67368	326781	Cobble	Other	With macroalgae	Scope
IE000470_179.202	67368	326781	67393	326779	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.203	67393	326779	67418	326775	Sand	Other	With macroalgae	Scope
IE000470_179.204	67418	326775	67413	326773	Maërl Living and Dead	Maërl Living and Dead	30 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE000470_179.205	67413	326773	67409	326763	<i>Zostera marina</i> Rare and Maërl Patchy Living and Dead	<i>Zostera marina</i> Rare and Maërl Patchy Living and Dead	30 percent cover of of 50 percent living and 50 percent dead Maërl	Scope
IE000470_179.206	67409	326763	67435	326735	Maërl Living and Dead	Maërl Living and Dead	With macroalgae	Scope
IE000470_179.207	67435	326735	67466	326744	Sand	Other	With macroalgae	Scope
IE000470_179.208	67466	326744	67492	326757	Sand	Other	With kelp	Scope
IE000470_179.209	67492	326757	67170	326648	Maërl Living and Dead	Maërl Living and Dead		Scope
IE000470_179.210	67170	326648	67137	326642	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.211	67137	326642	67114	326640	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_179.212	67114	326640	67089	326641	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.213	67089	326641	67061	326627	Sand	Other		Scope
IE000470_179.214	67061	326627	67051	326591	Rock	Other	With macroalgae	Scope
IE000470_179.215	67051	326591	67055	326557	Rock	Other	With sand	Scope
IE000470_179.216	67055	326557	67119	326520	Sand	Other	With macroalgae	Scope
IE000470_179.217	67119	326520	67125	326503	Sand	Other	With macroalgae	Scope
IE000470_179.218	67125	326503	67113	326436	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_179.219	67113	326436	67094	326368	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_179.220	67094	326368	67082	326315	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_179.221	67082	326315	67074	326250	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope

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IE000470_T79.222	67074	326250	67072	326201	Sand	Other	With macroalgae	Scope
IE000470_T79.223	67072	326201	67069	326173	Sand	Other	With rocks	Scope
IE000470_T79.224	67069	326173	66999	326194	Sand	Other		Scope
IE000470_T79.225	66999	326194	66982	326237	Sand	Other	With rocks	Scope
IE000470_T79.226	66982	326237	67006	326280	Sand	Other	With rocks	Scope
IE000470_T79.227	67006	326280	67015	326300	Sand	Other	With rocks	Scope
IE000470_T79.228	67015	326300	67012	326319	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T79.229	67012	326319	67006	326331	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T79.230	67006	326331	67019	326348	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE000470_T79.231	67019	326348	67045	326373	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T79.232	67045	326373	67015	326417	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T79.233	67015	326417	67007	326437	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T79.234	67007	326437	67002	326475	Sand	Other	With macroalgae	Scope
IE000470_T79.235	67002	326475	67006	326486	Sand	Other		Scope
IE000470_T79.236	67006	326486	67036	326528	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T79.237	67036	326528	67065	326559	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T79.238	67065	326559	67075	326569	Sand	Other	With macroalgae	Scope
IE000470_T79.239	67075	326569	67102	326606	Sand	Other	With macroalgae	Scope
IE000470_T79.240	67102	326606	67126	326634	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T79.241	67126	326634	67158	326688	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T79.242	67158	326688	67169	326747	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T79.243	67169	326747	67163	326785	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T79.244	67163	326785	67171	326867	Sand	Other	With macroalgae	Scope
IE000470_T79.245	67171	326867	67184	326913	Sand	Other	With broken shell	Scope
IE000470_T79.246	67184	326913	67206	326912	Sand	Other	With macroalgae	Scope
IE000470_T79.247	67206	326912	67222	326888	Sand	Other	With macroalgae and cobble	Scope
IE000470_T79.248	67222	326888	67266	326854	Rock	Other	With macroalgae and broken shell	Scope
IE000470_T79.249	67266	326854	67254	326803	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T79.250	67254	326803	67247	326783	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T79.251	67247	326783	67242	326762	Sand	Other	With macroalgae	Scope
IE000470_T79.252	67242	326762	67232	326738	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T79.253	67232	326738	67215	326704	Sand	Other	With macroalgae	Scope
IE000470_T79.254	67215	326704	End Point	End Point	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T80	68263	327878	68330	327917	Gravel	Other		Dive
IE000470_T80.1	68330	327917	End Point	End Point	Gravel	Other	With less than 1 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE000470_T81	69207	328910	69213	328954	Sand	Other	With macroalgae on shelly sand	Scope
IE000470_T81.1	69213	328954	69161	328974	Sand	Other	With macroalgae	Scope
IE000470_T81.2	69161	328974	69122	328975	Sand	Other		Scope
IE000470_T81.3	69122	328975	69020	328942	Sand	Other	With shell	Scope
IE000470_T81.4	69020	328942	68984	328885	Sand	Other	With shell	Scope
IE000470_T81.5	68984	328885	68951	328843	Sand	Other	With macroalgae	Scope
IE000470_T81.6	68951	328843	68924	328808	Sand	Other	With macroalgae, gravel and broken shell	Scope
IE000470_T81.7	68924	328808	68898	328782	Sand	Other	With shell	Scope
IE000470_T81.8	68898	328782	68904	328718	Sand	Other		Scope
IE000470_T81.9	68904	328718	68931	328583	Sand	Other		Scope
IE000470_T81.10	68931	328583	68915	328557	Sand	Other		Scope
IE000470_T81.11	68915	328557	68966	328505	Sand	Other	With macroalgae, cobble and broken shell	Scope
IE000470_T81.12	68966	328505	68987	328508	Sand	Other		Scope
IE000470_T81.13	68987	328508	69011	328514	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T81.14	69011	328514	69058	328541	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T81.15	69058	328541	69085	328547	Sand	Other		Scope
IE000470_T81.16	69085	328547	69098	328547	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope

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IE000470_T81.17	69098	328547	69162	328538	Sand	Other		Scope
IE000470_T81.18	69162	328538	69140	328507	Sand	Other		Scope
IE000470_T81.19	69140	328507	69097	328471	Sand	Other		Scope
IE000470_T81.20	69097	328471	69059	328452	Sand	Other		Scope
IE000470_T81.21	69059	328452	69046	328429	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T81.22	69046	328429	69031	328410	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE000470_T81.23	69031	328410	69034	328370	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE000470_T81.24	69034	328370	69051	328353	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T81.25	69051	328353	69072	328303	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T81.26	69072	328303	69078	328289	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE000470_T81.27	69078	328289	69088	328247	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T81.28	69088	328247	69103	328219	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T81.29	69103	328219	69113	328205	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE000470_T81.30	69113	328205	69131	328186	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With kelp	Scope
IE000470_T81.31	69131	328186	69138	328177	Sand	Other		Scope
IE000470_T81.32	69138	328177	69179	328127	Sand	Other		Scope
IE000470_T81.33	69179	328127	69204	328190	Sand	Other		Scope
IE000470_T81.34	69204	328190	69185	328286	Sand	Other		Scope
IE000470_T81.35	69185	328286	69141	328353	Sand	Other		Scope
IE000470_T81.36	69141	328353	69128	328375	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T81.37	69128	328375	69083	328457	Sand	Other		Scope
IE000470_T81.38	69083	328457	69072	328477	Sand	Other		Scope
IE000470_T81.39	69072	328477	69082	328500	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T81.40	69082	328500	69172	328478	Sand	Other		Scope
IE000470_T81.41	69172	328478	69194	328433	Sand	Other		Scope
IE000470_T81.42	69194	328433	69232	328329	Sand	Other		Scope
IE000470_T81.43	69232	328329	69262	328271	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T81.44	69262	328271	69260	328238	Sand	Other	With broken shell	Scope
IE000470_T81.45	69260	328238	69160	328369	Sand	Other		Scope
IE000470_T81.46	69160	328369	69167	328493	Sand	Other		Scope
IE000470_T81.47	69167	328493	69153	328578	Sand	Other		Scope
IE000470_T81.48	69153	328578	69137	328665	Sand	Other		Scope
IE000470_T81.49	69137	328665	69112	328772	Sand	Other		Scope
IE000470_T81.50	69112	328772	69166	328812	Sand	Other		Scope
IE000470_T81.51	69166	328812	69183	328815	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T81.52	69183	328815	69236	328773	Sand	Other	With shell	Scope
IE000470_T81.53	69236	328773	69248	328758	Sand	Other	With cobble	Scope
IE000470_T81.54	69248	328758	69220	328762	Sand	Other		Scope
IE000470_T81.55	69220	328762	69175	328800	Cobble	Other	With macroalgae	Scope
IE000470_T81.56	69175	328800	69157	328813	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T81.57	69157	328813	69125	328833	Sand	Other	With shell	Scope
IE000470_T81.58	69125	328833	69074	328867	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.59	69074	328867	69042	328852	Sand	Other	With shell	Scope
IE000470_T81.60	69042	328852	69044	328824	Sand	Other	With macroalgae	Scope
IE000470_T81.61	69044	328824	69052	328787	Sand	Other	With macroalgae and gravel+U1132	Scope
IE000470_T81.62	69052	328787	69094	328707	Sand	Other	With shell	Scope
IE000470_T81.63	69094	328707	69228	328694	Sand	Other	With shell	Scope
IE000470_T81.64	69228	328694	69346	328760	Sand	Other		Scope
IE000470_T81.65	69346	328760	69372	328774	Sand	Other		Scope
IE000470_T81.66	69372	328774	69437	328854	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T81.67	69437	328854	69461	328893	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> mixed with macroalgae	Scope
IE000470_T81.68	69461	328893	69476	328918	Sand	Other	With macroalgae	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T81.69	69476	328918	69460	328918	Sand	Other	With macroalgae and broken shell	Scope
IE000470_T81.70	69460	328978	69447	328916	Rock	Other		Scope
IE000470_T81.71	69447	328916	69391	328873	Rock	Other		Scope
IE000470_T81.72	69391	328873	69365	328863	Rock	Other		Scope
IE000470_T81.73	69365	328863	69323	328815	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE000470_T81.74	69323	328815	69313	328786	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.75	69313	328786	69303	328767	Sand	Other	With macroalgae	Scope
IE000470_T81.76	69303	328767	69284	328696	Sand	Other		Scope
IE000470_T81.77	69284	328696	69268	328676	Sand	Other	With macroalgae	Scope
IE000470_T81.78	69268	328676	69201	328738	Sand	Other		Scope
IE000470_T81.79	69201	328738	69177	328814	Sand	Other	With macroalgae	Scope
IE000470_T81.80	69177	328814	69175	328843	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T81.81	69175	328843	69203	328872	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.82	69203	328872	69239	328955	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.83	69239	328955	69286	328964	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.84	69286	328964	69310	328942	Sand	Other		Scope
IE000470_T81.85	69310	328942	69320	328910	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T81.86	69320	328910	69316	328863	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE000470_T81.87	69316	328863	69319	328845	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T81.88	69319	328845	69316	328825	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T81.89	69316	328825	69299	328786	Sand	Other	With macroalgae	Scope
IE000470_T81.90	69299	328786	69282	328741	Sand	Other	With shell	Scope
IE000470_T81.91	69282	328741	69258	328720	Sand	Other	With shell	Scope
IE000470_T81.92	69258	328720	69232	328768	Sand	Other	With shell	Scope
IE000470_T81.93	69232	328768	69237	328834	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.94	69237	328834	69238	328875	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.95	69238	328875	69248	328904	Sand	Other	With cobble and macroalgae	Scope
IE000470_T81.96	69248	328904	69259	328917	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T81.97	69259	328917	69271	328940	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T81.98	69271	328940	69319	328976	Sand	Other	With macroalgae, cobble and broken shell	Scope
IE000470_T81.99	69319	328976	69365	328946	Sand	Other	With macroalgae, cobble and broken shell	Scope
IE000470_T81.100	69365	328946	69378	328929	Rock	Other	With macroalgae	Scope
IE000470_T81.101	69378	328929	69398	328896	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE000470_T81.102	69398	328896	69414	328877	Rock	Other	With macroalgae	Scope
IE000470_T81.103	69414	328877	69425	328865	Rock	Other		Scope
IE000470_T81.104	69425	328865	69448	328829	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE000470_T81.105	69448	328829	69464	328794	Sand	Other	With shell	Scope
IE000470_T81.106	69464	328794	69458	328767	Sand	Other	With shell	Scope
IE000470_T81.107	69458	328767	69418	328733	Sand	Other	With shell	Scope
IE000470_T81.108	69418	328733	69393	328706	Sand	Other	With shell	Scope
IE000470_T81.109	69393	328706	69286	328661	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.110	69286	328661	69266	328697	Sand	Other	With shell	Scope
IE000470_T81.111	69266	328697	69302	328730	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.112	69302	328730	69349	328789	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.113	69349	328789	69376	328809	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE000470_T81.114	69376	328809	69411	328832	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE000470_T81.115	69411	328832	69439	328849	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T81.116	69439	328849	69460	328856	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T81.117	69460	328856	69512	328873	Cobble	Other		Scope
IE000470_T81.118	69512	328873	69530	328921	Sand	Other	With shell	Scope
IE000470_T81.119	69530	328921	69520	328980	Rock	Other	With macroalgae	Scope
IE000470_T81.120	69520	328980	69519	329022	Sand	Other	With shell and macroalgae	Scope



Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T81.121	69519	329022	69558	329081	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.122	69558	329081	69605	329058	Gravel	Other	With cobble and macroalgae	Scope
IE000470_T81.123	69605	329058	69627	328993	Sand	Other	With gravel and macroalgae	Scope
IE000470_T81.124	69627	328993	69618	328862	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.125	69618	328862	69546	328831	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.126	69546	328831	69485	328868	Sand	Other	With shell and macroalgae	Scope
IE000470_T81.127	69485	328868	End Point	End Point	Sand	Other	With broken shell and macroalgae	Scope
IE000470_T82	69649	329140	69711	329150	Sand	Other	With macroalgae and broken shell	Scope
IE000470_T82.1	69711	329150	69758	329141	Sand	Other	With shell and macroalgae	Scope
IE000470_T82.2	69758	329141	69768	329130	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T82.3	69768	329130	69779	329117	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T82.4	69779	329117	69811	329124	Sand	Other	With shell and macroalgae	Scope
IE000470_T82.5	69811	329124	69819	329140	Sand	Other	With shell	Scope
IE000470_T82.6	69819	329140	69846	329160	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T82.7	69846	329160	69834	329135	Sand	Other	With shell	Scope
IE000470_T82.8	69834	329135	69832	329121	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T82.9	69832	329121	69796	329059	Sand	Other	With shell	Scope
IE000470_T82.10	69796	329059	69780	329039	Gravel	Other	With macroalgae	Scope
IE000470_T82.11	69780	329039	69728	328975	Cobble	Other	With kelp	Scope
IE000470_T82.12	69728	328975	69691	328931	Gravel	Other	With broken shell	Scope
IE000470_T82.13	69691	328931	69656	328886	Cobble	Other	With macroalgae	Scope
IE000470_T82.14	69656	328886	69728	328841	Sand	Other	With broken shell	Scope
IE000470_T82.15	69728	328841	69771	328888	Sand	Other	With macroalgae	Scope
IE000470_T82.16	69771	328888	69773	328926	Cobble	Other		Scope
IE000470_T82.17	69773	328926	69756	328999	Rock	Other		Scope
IE000470_T82.18	69756	328999	69782	329084	Rock	Other		Scope
IE000470_T82.19	69782	329084	69861	329088	Gravel	Other	With macroalgae and broken shell	Scope
IE000470_T82.20	69861	329088	69881	329073	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T82.21	69881	329073	69884	329058	Gravel	Other	With macroalgae	Scope
IE000470_T82.22	69884	329058	69879	329043	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T82.23	69879	329043	69839	328984	Gravel	Other		Scope
IE000470_T82.24	69839	328984	69818	328844	Gravel	Other	With boulders and kelp	Scope
IE000470_T82.25	69818	328844	69808	328811	Rock	Other	With cobble	Scope
IE000470_T82.26	69808	328811	69849	328788	Sand	Other	With macroalgae and broken shell	Scope
IE000470_T82.27	69849	328788	69940	328754	Rock	Other		Scope
IE000470_T82.28	69940	328754	69916	328648	Rock	Other		Scope
IE000470_T82.29	69916	328648	69906	328626	Rock	Other		Scope
IE000470_T82.30	69906	328626	69965	328577	Sand	Other		Scope
IE000470_T82.31	69965	328577	70151	328642	Rock	Other		Scope
IE000470_T82.32	70151	328642	70254	328793	Rock	Other		Scope
IE000470_T82.33	70254	328793	70271	328828	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T82.34	70271	328828	70279	328854	Rock	Other		Scope
IE000470_T82.35	70279	328854	70296	328885	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T82.36	70296	328885	70310	328912	Sand	Other		Scope
IE000470_T82.37	70310	328912	70317	328936	Sand	Other		Scope
IE000470_T82.38	70317	328936	70323	328952	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T82.39	70323	328952	70331	328983	Sand	Other		Scope
IE000470_T82.40	70331	328983	70338	329035	Sand	Other		Scope
IE000470_T82.41	70338	329035	70340	329047	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T82.42	70340	329047	70347	329066	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T82.43	70347	329066	70360	329143	Sand	Other		Scope
IE000470_T82.44	70360	329143	70384	329140	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T82.45	70384	329140	End Point	End Point	Sand	Other		Scope
IE000470_T83	70437	328983	70432	328962	Sand	Other	With broken shell	Scope
IE000470_T83.1	70432	328962	70430	328948	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T83.2	70430	328948	70418	328920	Sand	Other		Scope
IE000470_T83.3	70418	328920	70415	328910	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T83.4	70415	328910	70377	328833	Sand	Other		Scope
IE000470_T83.5	70377	328833	70335	328761	Sand	Other	With shell	Scope
IE000470_T83.6	70335	328761	70307	328688	Sand	Other	With shell	Scope
IE000470_T83.7	70307	328688	70288	328624	Sand	Other		Scope
IE000470_T83.8	70288	328624	70362	328553	Sand	Other	With broken shell	Scope
IE000470_T83.9	70362	328553	70525	328589	Broken shell	Other	<i>Mytilus edulis</i> shell	Scope
IE000470_T83.10	70525	328589	70547	328590	Broken shell	Other	With macroalgae	Scope
IE000470_T83.11	70547	328590	70617	328600	Rock	Other		Scope
IE000470_T83.12	70617	328600	70639	328631	Rock	Other		Scope
IE000470_T83.13	70639	328631	70625	328647	Sand	Other	With shell and macroalgae	Scope
IE000470_T83.14	70625	328647	70590	328685	Rock	Other		Scope
IE000470_T83.15	70590	328685	70578	328700	Gravel	Other	With macroalgae	Scope
IE000470_T83.16	70578	328700	70560	328732	Sand	Other	With shell	Scope
IE000470_T83.17	70560	328732	70547	328755	Gravel	Other	With kelp	Scope
IE000470_T83.18	70547	328755	70518	328810	Cobble	Other	With kelp	Scope
IE000470_T83.19	70518	328810	70431	328898	Broken shell	Other	With macroalgae	Scope
IE000470_T83.20	70431	328898	70417	328917	Broken shell	Other	With sand	Scope
IE000470_T83.21	70417	328917	70418	328955	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T83.22	70418	328955	70438	328953	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T83.23	70438	328953	70501	328867	Sand	Other	With broken shell	Scope
IE000470_T83.24	70501	328867	70505	328821	Broken shell	Other	<i>Mytilus edulis</i> shell	Scope
IE000470_T83.25	70505	328821	70538	328792	Broken shell	Other		Scope
IE000470_T83.26	70538	328792	70576	328773	Gravel	Other	With cobble	Scope
IE000470_T83.27	70576	328773	70627	328767	Sand	Other	With shell	Scope
IE000470_T83.28	70627	328767	70667	328763	Sand	Other	With kelp	Scope
IE000470_T83.29	70667	328763	70688	328759	Sand	Other		Scope
IE000470_T83.30	70688	328759	70706	328754	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T83.31	70706	328754	70719	328751	Sand	Other		Scope
IE000470_T83.32	70719	328751	70740	328749	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T83.33	70740	328749	70749	328748	Sand	Other		Scope
IE000470_T83.34	70749	328748	70770	328746	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T83.35	70770	328746	70785	328741	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T83.36	70785	328741	70797	328735	Sand	Other		Scope
IE000470_T83.37	70797	328735	70814	328725	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T83.38	70814	328725	70827	328715	Sand	Other		Scope
IE000470_T83.39	70827	328715	70849	328703	Cobble	Other	With macroalgae	Scope
IE000470_T83.40	70849	328703	70927	328681	Sand	Other	With shell and macroalgae	Scope
IE000470_T83.41	70927	328681	70990	328665	Sand	Other	With broken shell and gravel	Scope
IE000470_T83.42	70990	328665	71043	328677	Sand	Other	With shell and macroalgae	Scope
IE000470_T83.43	71043	328677	71030	328723	Gravel	Other	With sand and broken shell	Scope
IE000470_T83.44	71030	328723	71005	328754	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T83.45	71005	328754	70957	328773	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With broken shell	Scope
IE000470_T83.46	70957	328773	70940	328773	Broken shell	Other		Scope
IE000470_T83.47	70940	328773	70905	328780	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE000470_T83.48	70905	328780	70849	328791	Gravel	Other	With macroalgae	Scope
IE000470_T83.49	70849	328791	70796	328863	Sand	Other	With broken shell	Scope
IE000470_T83.50	70796	328863	70788	328828	Sand	Other	With macroalgae, gravel and broken shell	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T83.51	70788	328828	70788	328769	Sand	Other	With broken shell	Scope
IE000470_T83.52	70788	328769	70804	328609	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T83.53	70804	328699	70811	328648	Cobble	Other	With cobble and macroalgae	Scope
IE000470_T83.54	70811	328648	70820	328632	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T83.55	70820	328632	70813	328592	Gravel	Other		Scope
IE000470_T83.56	70813	328592	70799	328554	Rock	Other	With cobble	Scope
IE000470_T83.57	70799	328554	70810	328500	Rock	Other	With cobble	Scope
IE000470_T83.58	70810	328500	End Point	End Point	Rock	Other	With cobble	Scope
IE000470_T84	70337	327917	70398	327873	Sand	Other	With macroalgae	Scope
IE000470_T84.1	70398	327873	70431	327866	Sand	Other		Scope
IE000470_T84.2	70431	327866	70456	327907	Sand	Other	With macroalgae	Scope
IE000470_T84.3	70456	327907	70480	327990	Sand	Other	With macroalgae	Scope
IE000470_T84.4	70480	327990	70494	328045	Sand	Other		Scope
IE000470_T84.5	70494	328045	70564	328051	Sand	Other		Scope
IE000470_T84.6	70564	328051	70592	328008	Cobble	Other	With macroalgae	Scope
IE000470_T84.7	70592	328008	70593	327985	Cobble	Other	With macroalgae	Scope
IE000470_T84.8	70593	327985	70589	327950	Sand	Other		Scope
IE000470_T84.9	70589	327950	70587	327931	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T84.10	70587	327931	70565	327879	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	Dense bed	Scope
IE000470_T84.11	70565	327879	70556	327853	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE000470_T84.12	70556	327853	70551	327840	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	With macroalgae	Scope
IE000470_T84.13	70551	327840	70557	327842	Rock	Other	With cobble and macroalgae	Scope
IE000470_T84.14	70557	327842	70582	327851	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	With macroalgae	Scope
IE000470_T84.15	70582	327851	70608	327877	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	Dense bed	Scope
IE000470_T84.16	70608	327877	70583	327921	Cobble	Other	With macroalgae	Scope
IE000470_T84.17	70583	327921	70570	327935	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T84.18	70570	327935	70573	327951	Cobble	Other	With macroalgae	Scope
IE000470_T84.19	70573	327951	70576	327963	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T84.20	70576	327963	70577	328002	Sand	Other		Scope
IE000470_T84.21	70577	328002	70620	327983	Cobble	Other	With macroalgae	Scope
IE000470_T84.22	70620	327983	70626	327962	Sand	Other	With cobble and macroalgae	Scope
IE000470_T84.23	70626	327962	70629	327943	Sand	Other		Scope
IE000470_T84.24	70629	327943	70632	327906	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T84.25	70632	327906	70628	327828	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T84.26	70628	327828	70639	327821	Sand	Other		Scope
IE000470_T84.27	70639	327821	70688	327822	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T84.28	70688	327822	70715	327820	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T84.29	70715	327820	70727	327853	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T84.30	70727	327853	70718	327986	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	Dense bed of <i>Zostera marina</i>	Scope
IE000470_T84.31	70718	327986	70711	328030	Sand	Other		Scope
IE000470_T84.32	70711	328030	70754	328055	Sand	Other	With macroalgae	Scope
IE000470_T84.33	70754	328055	70786	328037	Sand	Other		Scope
IE000470_T84.34	70786	328037	70787	328012	Sand	Other		Scope
IE000470_T84.35	70787	328012	70777	327983	Sand	Other	With cobble and macroalgae	Scope
IE000470_T84.36	70777	327983	70772	327952	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T84.37	70772	327952	70746	327782	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T84.38	70746	327782	70790	327779	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T84.39	70790	327779	70813	327781	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T84.40	70813	327781	70834	327809	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE000470_T84.41	70834	327809	70834	327870	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T84.42	70834	327870	70841	327900	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T84.43	70841	327900	70843	327932	Sand	Other		Scope

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IE000470_T84.44	70843	327932	70842	327963	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T84.45	70842	327963	70846	327985	Sand	Other		Scope
IE000470_T84.46	70846	327985	70849	328010	Sand	Other	With macroalgae	Scope
IE000470_T84.47	70849	328010	70894	328017	Sand	Other		Scope
IE000470_T84.48	70894	328017	70883	327941	Sand	Other		Scope
IE000470_T84.49	70883	327941	70874	327909	Sand	Other		Scope
IE000470_T84.50	70874	327909	70868	327814	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T84.51	70868	327814	70868	327799	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T84.52	70868	327799	70867	327780	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T84.53	70867	327780	70908	327783	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T84.54	70908	327783	70927	327799	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T84.55	70927	327799	70919	327872	Sand	Other		Scope
IE000470_T84.56	70919	327872	70904	327923	Sand	Other		Scope
IE000470_T84.57	70904	327923	70949	327986	Sand	Other		Scope
IE000470_T84.58	70949	327986	70949	327968	Sand	Other		Scope
IE000470_T84.59	70949	327968	70948	327952	Cobble	Other	With macroalgae	Scope
IE000470_T84.60	70948	327952	70978	327937	Sand	Other		Scope
IE000470_T84.61	70978	327937	71051	327969	Cobble	Other	With macroalgae	Scope
IE000470_T84.62	71051	327969	71079	327986	Cobble	Other	With macroalgae	Scope
IE000470_T84.63	71079	327986	71086	327992	Sand	Other	With macroalgae	Scope
IE000470_T84.64	71086	327992	71093	328008	Sand	Other		Scope
IE000470_T84.65	71093	328008	71054	328057	Sand	Other		Scope
IE000470_T84.66	71054	328057	End Point	End Point	Sand	Other		Scope
IE000470_T85	70746	328434	70651	328477	Sand	Other	With macroalgae, cobble and large rocks	Scope
IE000470_T85.1	70651	328477	70619	328493	Cobble	Other	With sand and macroalgae	Scope
IE000470_T85.2	70619	328493	70575	328513	Rock	Other		Scope
IE000470_T85.3	70575	328513	70559	328518	Rock	Other		Scope
IE000470_T85.4	70559	328518	70520	328551	Sand	Other	With cobble and macroalgae	Scope
IE000470_T85.5	70520	328551	70460	328622	Gravel	Other	With cobble and macroalgae	Scope
IE000470_T85.6	70460	328622	70414	328661	Broken shell	Other	With sand	Scope
IE000470_T85.7	70414	328661	70382	328668	Gravel	Other	With broken shell	Scope
IE000470_T85.8	70382	328668	70395	328730	Gravel	Other	With <i>Mytilus edulis</i> shell	Scope
IE000470_T85.9	70395	328730	70407	328747	Gravel	Other	With sand and broken shell	Scope
IE000470_T85.10	70407	328747	70414	328794	Sand	Other	With gravel and broken shell	Scope
IE000470_T85.11	70414	328794	70422	328852	Sand	Other	With gravel and broken shell	Scope
IE000470_T85.12	70422	328852	70429	328918	Sand	Other	With broken shell	Scope
IE000470_T85.13	70429	328918	70433	328955	Sand	Other	With broken shell	Scope
IE000470_T85.14	70433	328955	70433	328999	<i>Zostera marina</i> Occasional Patchy and Maërl Living and Dead	<i>Zostera marina</i> Occasional Patchy and Maërl Living and Dead		Scope
IE000470_T85.15	70433	328999	70469	329000	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T85.16	70469	329000	70502	328972	Sand	Other	With broken shell	Scope
IE000470_T85.17	70502	328972	70529	328935	Sand	Other		Scope
IE000470_T85.18	70529	328935	70571	328877	Sand	Other	With broken shell	Scope
IE000470_T85.19	70571	328877	70595	328845	Sand	Other		Scope
IE000470_T85.20	70595	328845	70616	328816	Gravel	Other	With sand and macroalgae	Scope
IE000470_T85.21	70616	328816	70634	328805	Sand	Other	With gravel and macroalgae	Scope
IE000470_T85.22	70634	328805	70663	328819	Maërl Living and Dead	Maërl Living and Dead	40 percent cover of 50 percent living and 50 percent dead Maërl. Thin covering with sand, broken shell and macroalgae.	Scope
IE000470_T85.23	70663	328819	70700	328810	<i>Zostera marina</i> Occasional Patchy and Maërl Living and Dead	<i>Zostera marina</i> Occasional Patchy and Maërl Living and Dead	50 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE000470_T85.24	70700	328810	70712	328804	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T85.25	70712	328804	70743	328777	Sand	Other	With broken shell	Scope
IE000470_T85.26	70743	328777	70780	328752	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope

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IE000470_T85.27	70780	328752	70807	328739	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T85.28	70807	328739	70823	328731	Sand	Other		Scope
IE000470_T85.29	70823	328731	70853	328726	Sand	Other	With macroalgae	Scope
IE000470_T85.30	70853	328726	70871	328727	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T85.31	70871	328727	70913	328718	Sand	Other	With macroalgae	Scope
IE000470_T85.32	70913	328718	70983	328695	Sand	Other	With broken shell	Scope
IE000470_T85.33	70983	328695	71036	328633	Sand	Other	With broken shell	Scope
IE000470_T85.34	71036	328633	71056	328582	Sand	Other	With broken shell	Scope
IE000470_T85.35	71056	328582	71100	328496	Gravel	Other	With broken shell	Scope
IE000470_T85.36	71100	328496	71108	328481	Gravel	Other		Scope
IE000470_T85.37	71108	328481	71121	328435	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T85.38	71121	328435	71081	328429	Sand	Other	With broken shell	Scope
IE000470_T85.39	71081	328429	71077	328463	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T85.40	71077	328463	71134	328493	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With broken shell	Scope
IE000470_T85.41	71134	328493	71172	328497	Sand	Other	With broken shell	Scope
IE000470_T85.42	71172	328497	71202	328476	Sand	Other	With shell	Scope
IE000470_T85.43	71202	328476	71200	328421	Sand	Other	With broken shell	Scope
IE000470_T85.44	71200	328421	71185	328367	Sand	Other		Scope
IE000470_T85.45	71185	328367	71158	328368	Sand	Other		Scope
IE000470_T85.46	71158	328368	71152	328381	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T85.47	71152	328381	71156	328397	Sand	Other	With broken shell	Scope
IE000470_T85.48	71156	328397	71138	328411	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T85.49	71138	328411	71097	328379	Sand	Other	With broken shell	Scope
IE000470_T85.50	71097	328379	71085	328363	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T85.51	71085	328363	71094	328336	Sand	Other	With broken shell	Scope
IE000470_T85.52	71094	328336	71100	328365	Sand	Other	With broken shell	Scope
IE000470_T85.53	71100	328365	71080	328372	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T85.54	71080	328372	71049	328375	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	With macroalgae	Scope
IE000470_T85.55	71049	328375	71031	328374	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With shell	Scope
IE000470_T85.56	71031	328374	70989	328409	Sand	Other		Scope
IE000470_T85.57	70989	328409	70995	328417	Sand	Other		Scope
IE000470_T85.58	70995	328417	71009	328440	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T85.59	71009	328440	71019	328462	Sand	Other	With broken shell	Scope
IE000470_T85.60	71019	328462	71034	328479	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T85.61	71034	328479	71125	328541	Sand	Other	With broken shell	Scope
IE000470_T85.62	71125	328541	71130	328572	Sand	Other	With broken shell	Scope
IE000470_T85.63	71130	328572	71109	328569	Sand	Other		Scope
IE000470_T85.64	71109	328569	71094	328558	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T85.65	71094	328558	71028	328516	Sand	Other	With broken shell	Scope
IE000470_T85.66	71028	328516	70955	328453	Sand	Other		Scope
IE000470_T85.67	70955	328453	70922	328424	Sand	Other	With broken shell	Scope
IE000470_T85.68	70922	328424	70894	328393	Sand	Other	With cobble	Scope
IE000470_T85.69	70894	328393	70905	328480	Cobble	Other	With broken shell	Scope
IE000470_T85.70	70905	328480	End Point	End Point	Gravel	Other	With broken shell and cobble	Scope
IE000470_T86	70980	328760	70946	328813	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T86.1	70946	328813	70889	328869	Sand	Other		Scope
IE000470_T86.2	70889	328869	70944	328987	Sand	Other	With shell	Scope
IE000470_T86.3	70944	328987	70925	329064	Sand	Other		Scope
IE000470_T86.4	70925	329064	70908	329113	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T86.5	70908	329113	70900	329164	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T86.6	70900	329164	70869	329213	Sand	Other		Scope
IE000470_T86.7	70869	329213	70821	329269	Sand	Other		Scope

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IE000470_T86.8	70821	329269	70774	329361	Sand	Other		Scope
IE000470_T86.9	70774	329361	70764	329398	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With cobble and macroalgae	Scope
IE000470_T86.10	70764	329398	70622	329449	Sand	Other		Scope
IE000470_T86.11	70622	329449	70519	329472	Sand	Other		Scope
IE000470_T86.12	70519	329472	70480	329506	Sand	Other		Scope
IE000470_T86.13	70480	329506	70309	329592	Sand	Other		Scope
IE000470_T86.14	70309	329592	70289	329605	Sand	Other		Scope
IE000470_T86.15	70289	329605	70184	329713	Cobble	Other	With shell	Scope
IE000470_T86.16	70184	329713	70024	329847	Sand	Other		Scope
IE000470_T86.17	70024	329847	70003	329878	Sand	Other		Scope
IE000470_T86.18	70003	329878	End Point	End Point	Sand	Other		Scope
IE000470_T87	69893	332066	69841	332074	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T87.1	69841	332074	69790	332072	Sand	Other		Scope
IE000470_T87.2	69790	332072	69771	332076	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T87.3	69771	332076	69757	332089	Sand	Other		Scope
IE000470_T87.4	69757	332089	69735	332114	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T87.5	69735	332114	69746	332139	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T87.6	69746	332139	69752	332149	Sand	Other		Scope
IE000470_T87.7	69752	332149	69778	332178	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T87.8	69778	332178	69801	332196	Sand	Other		Scope
IE000470_T87.9	69801	332196	69811	332205	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T87.10	69811	332205	69866	332244	Sand	Other		Scope
IE000470_T87.11	69866	332244	69900	332254	Sand	Other		Scope
IE000470_T87.12	69900	332254	69923	332249	Sand	Other		Scope
IE000470_T87.13	69923	332249	69940	332179	Sand	Other		Scope
IE000470_T87.14	69940	332179	69928	332157	Sand	Other		Scope
IE000470_T87.15	69928	332157	69890	332139	Sand	Other		Scope
IE000470_T87.16	69890	332139	69845	332126	Sand	Other		Scope
IE000470_T87.17	69845	332126	69780	332111	Sand	Other		Scope
IE000470_T87.18	69780	332111	69689	332015	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T87.19	69689	332015	69758	331993	Sand	Other		Scope
IE000470_T87.20	69758	331993	69770	331997	Sand	Other		Scope
IE000470_T87.21	69770	331997	69799	332013	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T87.22	69799	332013	69819	332012	Sand	Other		Scope
IE000470_T87.23	69819	332012	69863	331992	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T87.24	69863	331992	69883	332008	Sand	Other		Scope
IE000470_T87.25	69883	332008	69894	332016	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T87.26	69894	332016	69904	332035	Sand	Other		Scope
IE000470_T87.27	69904	332035	69849	332032	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T87.28	69849	332032	69776	332029	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T87.29	69776	332029	69753	332054	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T87.30	69753	332054	69705	332107	Sand	Other		Scope
IE000470_T87.31	69705	332107	69723	332153	Sand	Other		Scope
IE000470_T87.32	69723	332153	69742	332164	Sand	Other		Scope
IE000470_T87.33	69742	332164	69798	332200	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T87.34	69798	332200	69806	332208	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T87.35	69806	332208	69886	332266	Sand	Other		Scope
IE000470_T87.36	69886	332266	69926	332288	Sand	Other		Scope
IE000470_T87.37	69926	332288	End Point	End Point	Sand	Other		Scope
IE000470_T88	69392	330299	69372	330125	Sand	Other		Scope
IE000470_T88.1	69372	330125	69245	329984	Sand	Other		Scope
IE000470_T88.2	69245	329984	69237	329883	Sand	Other	With broken shell	Scope

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IE000470_T88.3	69237	329883	69312	329764	Sand	Other	With broken shell	Scope
IE000470_T88.4	69312	329764	69378	329697	Sand	Other	With broken shell	Scope
IE000470_T88.5	69378	329697	69506	329670	Sand	Other		Scope
IE000470_T88.6	69506	329670	69622	329645	Sand	Other		Scope
IE000470_T88.7	69622	329645	69719	329573	Sand	Other	With broken shell	Scope
IE000470_T88.8	69719	329573	69694	329579	Zostera marina Abundant	Zostera marina Abundant		Scope
IE000470_T88.9	69694	329579	69694	329554	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE000470_T88.10	69694	329554	69717	329554	Broken shell	Other		Scope
IE000470_T88.11	69717	329554	69736	329543	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE000470_T88.12	69736	329543	69797	329494	Zostera marina Abundant	Zostera marina Abundant		Scope
IE000470_T88.13	69797	329494	69805	329480	Zostera marina Abundant	Zostera marina Abundant		Scope
IE000470_T88.14	69805	329480	69783	329466	Sand	Other		Scope
IE000470_T88.15	69783	329466	69782	329493	Sand	Other		Scope
IE000470_T88.16	69782	329493	69800	329521	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE000470_T88.17	69800	329521	69714	329590	Sand	Other		Scope
IE000470_T88.18	69714	329590	69678	329578	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE000470_T88.19	69678	329578	69633	329586	Sand	Other		Scope
IE000470_T88.20	69633	329586	69626	329603	Zostera marina Abundant	Zostera marina Abundant		Scope
IE000470_T88.21	69626	329603	69682	329654	Sand	Other		Scope
IE000470_T88.22	69682	329654	69639	329667	Sand	Other		Scope
IE000470_T88.23	69639	329667	69592	329585	Sand	Other		Scope
IE000470_T88.24	69592	329585	69601	329513	Sand	Other		Scope
IE000470_T88.25	69601	329513	End Point	End Point	Sand	Other		Scope
IE000470_T89	69893	329451	69895	329445	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE000470_T89.1	69895	329445	69907	329431	Broken shell	Other		Scope
IE000470_T89.2	69907	329431	69919	329424	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE000470_T89.3	69919	329424	69964	329442	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE000470_T89.4	69964	329442	69975	329412	Sand	Other		Scope
IE000470_T89.5	69975	329412	69985	329391	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy	With macroalgae	Scope
IE000470_T89.6	69985	329391	70001	329350	Sand	Other	With broken shell	Scope
IE000470_T89.7	70001	329350	70007	329331	Zostera marina Abundant	Zostera marina Abundant		Scope
IE000470_T89.8	70007	329331	69999	329285	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE000470_T89.9	69999	329285	70002	329249	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE000470_T89.10	70002	329249	70009	329228	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE000470_T89.11	70009	329228	69985	329244	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE000470_T89.12	69985	329244	69952	329243	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy	With macroalgae and broken shell	Scope
IE000470_T89.13	69952	329243	69902	329279	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE000470_T89.14	69902	329279	69885	329284	Sand	Other	With shell	Scope
IE000470_T89.15	69885	329284	69858	329290	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE000470_T89.16	69858	329290	69842	329290	Sand	Other		Scope
IE000470_T89.17	69842	329290	69805	329292	Zostera marina Abundant Patchy	Zostera marina Abundant Patchy		Scope
IE000470_T89.18	69805	329292	69778	329306	Sand	Other	With shell	Scope
IE000470_T89.19	69778	329306	69756	329324	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy	With macroalgae	Scope
IE000470_T89.20	69756	329324	69705	329372	Sand	Other	With shell	Scope
IE000470_T89.21	69705	329372	69777	329402	Sand	Other	With broken shell	Scope
IE000470_T89.22	69777	329402	69784	329402	Sand	Other		Scope
IE000470_T89.23	69784	329402	69790	329395	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE000470_T89.24	69790	329395	69784	329389	Sand	Other		Scope
IE000470_T89.25	69784	329389	69780	329370	Zostera marina Frequent Patchy	Zostera marina Frequent Patchy		Scope
IE000470_T89.26	69780	329370	69801	329361	Sand	Other		Scope
IE000470_T89.27	69801	329361	69830	329417	Sand	Other		Scope
IE000470_T89.28	69830	329417	69852	329437	Sand	Other	With shell	Scope



Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T89.29	69852	329437	69907	329438	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T89.30	69907	329438	69941	329366	Sand	Other	With shell	Scope
IE000470_T89.31	69941	329366	69940	329349	Sand	Other		Scope
IE000470_T89.32	69940	329349	69934	329255	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T89.33	69934	329255	69921	329225	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	With macroalgae	Scope
IE000470_T89.34	69921	329225	69939	329204	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T89.35	69939	329204	69984	329182	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T89.36	69984	329182	70006	329206	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With kelp	Scope
IE000470_T89.37	70006	329206	70025	329277	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With kelp	Scope
IE000470_T89.38	70025	329277	70066	329355	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T89.39	70066	329355	70107	329371	Sand	Other	With broken shell	Scope
IE000470_T89.40	70107	329371	70115	329333	Sand	Other		Scope
IE000470_T89.41	70115	329333	70088	329301	Cobble	Other	With shell	Scope
IE000470_T89.42	70088	329301	70074	329270	Cobble	Other	With shell	Scope
IE000470_T89.43	70074	329270	70069	329246	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T89.44	70069	329246	70061	329220	Cobble	Other		Scope
IE000470_T89.45	70061	329220	70058	329204	Sand	Other	With shell	Scope
IE000470_T89.46	70058	329204	70068	329167	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T89.47	70068	329167	70076	329159	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T89.48	70076	329159	70065	329129	Cobble	Other	With macroalgae	Scope
IE000470_T89.49	70065	329129	70079	329122	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T89.50	70079	329122	70102	329110	Sand	Other	With shell and macroalgae	Scope
IE000470_T89.51	70102	329110	70127	329211	Sand	Other		Scope
IE000470_T89.52	70127	329211	70139	329325	Sand	Other	With shell and macroalgae	Scope
IE000470_T89.53	70139	329325	End Point	End Point	Sand	Other	With broken shell	Scope
IE000470_T90	70193	329263	End Point	End Point	Rock	Other		Scope
IE000470_T91	70276	329136	70281	329129	Sand	Other	With broken shell	Scope
IE000470_T91.1	70281	329129	70285	329115	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T91.2	70285	329115	70299	329101	Sand	Other		Scope
IE000470_T91.3	70299	329101	70308	329094	Sand	Other	With shell	Scope
IE000470_T91.4	70308	329094	70319	329083	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T91.5	70319	329083	70331	329066	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T91.6	70331	329066	70351	329039	Sand	Other	With shell	Scope
IE000470_T91.7	70351	329039	70383	329046	Sand	Other		Scope
IE000470_T91.8	70383	329046	End Point	End Point	Sand	Other		Scope
IE000470_T92	71044	329080	71091	329130	Sand	Other		Scope
IE000470_T92.1	71091	329130	71177	329173	Sand	Other	With broken shell	Scope
IE000470_T92.2	71177	329173	71209	329095	Sand	Other	With broken shell	Scope
IE000470_T92.3	71209	329095	71223	329017	Sand	Other	With broken shell	Scope
IE000470_T92.4	71223	329017	71192	328986	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T92.5	71192	328986	71166	328955	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T92.6	71166	328955	71113	328927	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.7	71113	328927	71085	328923	Sand	Other		Scope
IE000470_T92.8	71085	328923	71045	328908	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.9	71045	328908	71001	328975	Sand	Other		Scope
IE000470_T92.10	71001	328975	70962	329012	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.11	70962	329012	70939	329072	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.12	70939	329072	70949	329120	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.13	70949	329120	70947	329151	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.14	70947	329151	71036	329078	Sand	Other	With broken shell	Scope
IE000470_T92.15	71036	329078	71084	328990	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.16	71084	328990	71140	328960	<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
IE000470_T92.17	71140	328960	71185	328960	Sand	Other	With broken shell	Scope
IE000470_T92.18	71185	328960	71192	328992	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.19	71192	328992	71174	329015	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T92.20	71174	329015	71127	329072	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.21	71127	329072	71083	329125	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.22	71083	329125	71148	329129	Sand	Other	With broken shell	Scope
IE000470_T92.23	71148	329129	71200	329078	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.24	71200	329078	71221	329060	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.25	71221	329060	71287	328980	Sand	Other	With broken shell	Scope
IE000470_T92.26	71287	328980	71328	328930	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.27	71328	328930	71342	328916	Sand	Other		Scope
IE000470_T92.28	71342	328916	71341	328896	Sand	Other	With shell	Scope
IE000470_T92.29	71341	328896	71334	328890	Sand	Other		Scope
IE000470_T92.30	71334	328890	71308	328871	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE000470_T92.31	71308	328871	71293	328865	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T92.32	71293	328865	71241	328848	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T92.33	71241	328848	71197	328842	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T92.34	71197	328842	End Point	End Point	Vision gone	Vision gone	Vision through scope insufficient to view seabed	Scope
IE000470_T93	71191	328893	71202	328955	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T93.1	71202	328955	71211	328981	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T93.2	71211	328981	71219	329002	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T93.3	71219	329002	71216	329022	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T93.4	71216	329022	71160	328991	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T93.5	71160	328991	71156	328958	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T93.6	71156	328958	71150	328930	Sand	Other	With shell	Scope
IE000470_T93.7	71150	328930	71153	328886	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T93.8	71153	328886	71213	328892	Sand	Other		Scope
IE000470_T93.9	71213	328892	71285	328927	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T93.10	71285	328927	71300	328951	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T93.11	71300	328951	71263	328960	Sand	Other	With shell	Scope
IE000470_T93.12	71263	328960	71204	328967	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T93.13	71204	328967	71157	328975	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T93.14	71157	328975	71094	328992	Sand	Other		Scope
IE000470_T93.15	71094	328992	71122	329050	Sand	Other		Scope
IE000470_T93.16	71122	329050	71140	329126	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T93.17	71140	329126	71091	329133	Sand	Other	With shell	Scope
IE000470_T93.18	71091	329133	71064	329055	Sand	Other	With shell	Scope
IE000470_T93.19	71064	329055	71105	329042	Sand	Other	With shell	Scope
IE000470_T93.20	71105	329042	71137	329072	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T93.21	71137	329072	71093	329079	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T93.22	71093	329079	71086	329071	Sand	Other		Scope
IE000470_T93.23	71086	329071	71090	329027	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T93.24	71090	329027	71111	329028	Sand	Other		Scope
IE000470_T93.25	71111	329028	71208	329024	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T93.26	71208	329024	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T94	71405	328889	71354	328865	Sand	Other		Scope
IE000470_T94.1	71354	328865	71348	328855	Sand	Other		Scope
IE000470_T94.2	71348	328855	71316	328827	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T94.3	71316	328827	71351	328827	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T94.4	71351	328827	71392	328818	Sand	Other		Scope
IE000470_T94.5	71392	328818	71426	328800	Cobble	Other		Scope
IE000470_T94.6	71426	328800	71508	328759	Sand	Other	With shell	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T94.7	71508	328759	71529	328755	Cobble	Other		Scope
IE000470_T94.8	71529	328755	71620	328697	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T94.9	71620	328697	71667	328670	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T94.10	71667	328670	71683	328659	Sand	Other		Scope
IE000470_T94.11	71683	328659	71705	328644	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T94.12	71705	328644	71716	328635	Sand	Other		Scope
IE000470_T94.13	71716	328635	71740	328610	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T94.14	71740	328610	71765	328592	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T94.15	71765	328592	71789	328577	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T94.16	71789	328577	71819	328554	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T94.17	71819	328554	71858	328519	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T94.18	71858	328519	71873	328503	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T94.19	71873	328503	71903	328474	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T94.20	71903	328474	End Point	End Point	Sand	Other		Scope
IE000470_T95	71945	328501	71969	328539	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T95.1	71969	328539	72004	328574	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T95.2	72004	328574	72031	328601	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T95.3	72031	328601	72076	328647	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T95.4	72076	328647	72091	328663	Sand	Other		Scope
IE000470_T95.5	72091	328663	72113	328691	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T95.6	72113	328691	72149	328740	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T95.7	72149	328740	72183	328793	Sand	Other		Scope
IE000470_T95.8	72183	328793	72194	328809	Sand	Other	With shell	Scope
IE000470_T95.9	72194	328809	72254	328857	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T95.10	72254	328857	72303	328892	Sand	Other		Scope
IE000470_T95.11	72303	328892	72341	328938	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T95.12	72341	328938	72366	328963	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With macroalgae	Scope
IE000470_T95.13	72366	328963	72400	329003	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.14	72400	329003	72422	329043	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE000470_T95.15	72422	329043	72435	329075	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.16	72435	329075	72451	329103	Sand	Other		Scope
IE000470_T95.17	72451	329103	72482	329080	Sand	Other		Scope
IE000470_T95.18	72482	329080	72513	329039	Sand	Other		Scope
IE000470_T95.19	72513	329039	72547	328997	Sand	Other		Scope
IE000470_T95.20	72547	328997	72580	328960	Sand	Other		Scope
IE000470_T95.21	72580	328960	72570	328926	Sand	Other		Scope
IE000470_T95.22	72570	328926	72532	328883	Sand	Other		Scope
IE000470_T95.23	72532	328883	72495	328850	Sand	Other		Scope
IE000470_T95.24	72495	328850	72468	328813	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.25	72468	328813	72462	328804	Sand	Other		Scope
IE000470_T95.26	72462	328804	72438	328773	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.27	72438	328773	72409	328735	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With macroalgae	Scope
IE000470_T95.28	72409	328735	72391	328711	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.29	72391	328711	72380	328699	Sand	Other		Scope
IE000470_T95.30	72380	328699	72349	328668	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.31	72349	328668	72327	328645	Sand	Other		Scope
IE000470_T95.32	72327	328645	72279	328580	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.33	72279	328580	72264	328559	Sand	Other		Scope
IE000470_T95.34	72264	328559	72247	328535	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.35	72247	328535	72194	328485	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T95.36	72194	328485	72169	328458	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.37	72169	328458	72142	328423	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope

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IE000470_T95.38	72142	328423	72113	328380	Sand	Other		Scope
IE000470_T95.39	72113	328380	72083	328346	Sand	Other		Scope
IE000470_T95.40	72083	328346	72072	328299	Sand	Other		Scope
IE000470_T95.41	72072	328299	72099	328249	Sand	Other		Scope
IE000470_T95.42	72099	328249	72119	328227	Sand	Other		Scope
IE000470_T95.43	72119	328227	72136	328206	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.44	72136	328206	72128	328189	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T95.45	72128	328189	72116	328172	Sand	Other	With shell and macroalgae	Scope
IE000470_T95.46	72116	328172	72102	328148	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.47	72102	328148	72087	328126	Sand	Other	With shell	Scope
IE000470_T95.48	72087	328126	72058	328072	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.49	72058	328072	72041	328050	Sand	Other		Scope
IE000470_T95.50	72041	328050	72008	328012	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.51	72008	328012	71993	327991	Sand	Other	With shell	Scope
IE000470_T95.52	71993	327991	71970	327961	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.53	71970	327961	71949	327935	Sand	Other	With shell	Scope
IE000470_T95.54	71949	327935	71959	327859	Sand	Other	With broken oyster shell	Scope
IE000470_T95.55	71959	327859	71978	327846	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.56	71978	327846	72013	327831	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T95.57	72013	327831	72031	327808	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> in oyster shell	Scope
IE000470_T95.58	72031	327808	72051	327790	Broken shell	Other		Scope
IE000470_T95.59	72051	327790	72145	327783	Sand	Other	Muddy sand	Scope
IE000470_T95.60	72145	327783	72188	327838	Muddy sand	Other	With broken shell	Scope
IE000470_T95.61	72188	327838	72226	327929	Muddy sand	Other	With broken shell	Scope
IE000470_T95.62	72226	327929	72237	327963	Muddy sand	Other	With broken shell	Scope
IE000470_T95.63	72237	327963	72253	328005	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T95.64	72253	328005	72293	328038	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T95.65	72293	328038	72338	328058	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T95.66	72338	328058	72429	328088	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.67	72429	328088	72502	328100	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.68	72502	328100	72616	328101	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.69	72616	328101	72690	328098	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.70	72690	328098	72767	328115	Sand	Other		Scope
IE000470_T95.71	72767	328115	72844	328149	Sand	Other	With broken shell	Scope
IE000470_T95.72	72844	328149	72822	328233	Sand	Other	With broken shell	Scope
IE000470_T95.73	72822	328233	72799	328287	Sand	Other		Scope
IE000470_T95.74	72799	328287	72760	328360	Sand	Other		Scope
IE000470_T95.75	72760	328360	72739	328407	Sand	Other		Scope
IE000470_T95.76	72739	328407	72717	328479	Sand	Other		Scope
IE000470_T95.77	72717	328479	72671	328562	Sand	Other		Scope
IE000470_T95.78	72671	328562	72611	328694	Sand	Other		Scope
IE000470_T95.79	72611	328694	72556	328731	Muddy sand	Other		Scope
IE000470_T95.80	72556	328731	72524	328659	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.81	72524	328659	72503	328590	Muddy sand	Other		Scope
IE000470_T95.82	72503	328590	72464	328514	Muddy sand	Other		Scope
IE000470_T95.83	72464	328514	72422	328469	Muddy sand	Other		Scope
IE000470_T95.84	72422	328469	72330	328386	Muddy sand	Other	With broken shell	Scope
IE000470_T95.85	72330	328386	72300	328339	Muddy sand	Other	With broken shell	Scope
IE000470_T95.86	72300	328339	72264	328275	Muddy sand	Other	With broken shell	Scope
IE000470_T95.87	72264	328275	72247	328239	Muddy sand	Other		Scope
IE000470_T95.88	72247	328239	72241	328184	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T95.89	72241	328184	72268	328181	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope

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IE000470_T95.90	72268	328181	72314	328213	Muddy sand	Other	With broken shell	Scope
IE000470_T95.91	72314	328213	72359	328250	Muddy sand	Other		Scope
IE000470_T95.92	72359	328250	72411	328299	Muddy sand	Other		Scope
IE000470_T95.93	72411	328299	72515	328389	Muddy sand	Other		Scope
IE000470_T95.94	72515	328389	72615	328374	Muddy sand	Other	With broken shell	Scope
IE000470_T95.95	72615	328374	72684	328319	Muddy sand	Other		Scope
IE000470_T95.96	72684	328319	72721	328314	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.97	72721	328314	72766	328265	Muddy sand	Other		Scope
IE000470_T95.98	72766	328265	72762	328214	Muddy sand	Other		Scope
IE000470_T95.99	72762	328214	72719	328059	Muddy sand	Other		Scope
IE000470_T95.100	72719	328059	72752	328026	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T95.101	72752	328026	72793	328000	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T95.102	72793	328000	72849	327995	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T95.103	72849	327995	72908	328020	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T95.104	72908	328020	72966	328003	Muddy sand	Other	With shell	Scope
IE000470_T95.105	72966	328003	End Point	End Point	Muddy sand	Other		Scope
IE000470_T96	72801	327886	72752	327852	Muddy sand	Other		Scope
IE000470_T96.1	72752	327852	72727	327830	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T96.2	72727	327830	72688	327778	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T96.3	72688	327778	72674	327741	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T96.4	72674	327741	72641	327676	Muddy sand	Other	With shell	Scope
IE000470_T96.5	72641	327676	End Point	End Point	Muddy sand	Other	Old aquaculture tressels and macroalgae present	Scope
IE000470_T97	72604	327690	72528	327659	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	Old aquaculture tressels and macroalgae present	Scope
IE000470_T97.1	72528	327659	72511	327646	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.2	72511	327646	72453	327601	Sand	Other		Scope
IE000470_T97.3	72453	327601	72411	327603	Muddy sand	Other		Scope
IE000470_T97.4	72411	327603	72330	327637	Muddy sand	Other		Scope
IE000470_T97.5	72330	327637	72320	327671	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.6	72320	327671	72328	327712	Muddy sand	Other		Scope
IE000470_T97.7	72328	327712	72336	327745	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.8	72336	327745	72350	327804	Muddy sand	Other	With shell	Scope
IE000470_T97.9	72350	327804	72368	327908	Muddy sand	Other		Scope
IE000470_T97.10	72368	327908	72369	327923	Muddy sand	Other		Scope
IE000470_T97.11	72369	327923	72378	328002	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.12	72378	328002	72381	328050	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.13	72381	328050	72382	328085	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.14	72382	328085	72393	328159	Muddy sand	Other		Scope
IE000470_T97.15	72393	328159	72400	328207	Muddy sand	Other		Scope
IE000470_T97.16	72400	328207	72346	328238	Muddy sand	Other		Scope
IE000470_T97.17	72346	328238	72269	328224	Muddy sand	Other		Scope
IE000470_T97.18	72269	328224	72216	328196	Muddy sand	Other		Scope
IE000470_T97.19	72216	328196	72191	328182	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.20	72191	328182	72133	328158	Sand	Other		Scope
IE000470_T97.21	72133	328158	72093	328153	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.22	72093	328153	71998	328151	Muddy sand	Other		Scope
IE000470_T97.23	71998	328151	71973	328149	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.24	71973	328149	71925	328153	Sand	Other		Scope
IE000470_T97.25	71925	328153	71855	328171	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.26	71855	328171	71793	328179	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T97.27	71793	328179	71759	328188	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T97.28	71759	328188	71721	328187	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.29	71721	328187	71670	328192	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope

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IE000470_T97.30	71670	328192	71598	328187	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T97.31	71598	328187	71555	328180	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.32	71555	328180	71500	328177	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T97.33	71500	328177	71415	328170	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.34	71415	328170	71345	328178	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T97.35	71345	328178	71315	328180	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T97.36	71315	328180	71249	328171	Muddy sand	Other	With shell	Scope
IE000470_T97.37	71249	328171	71245	328093	Muddy sand	Other		Scope
IE000470_T97.38	71245	328093	71309	328026	Muddy sand	Other		Scope
IE000470_T97.39	71309	328026	71392	328036	Muddy sand	Other		Scope
IE000470_T97.40	71392	328036	71475	328046	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T97.41	71475	328046	71520	328038	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T97.42	71520	328038	71542	328034	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T97.43	71542	328034	71687	328004	Broken shell	Other		Scope
IE000470_T97.44	71687	328004	71807	327979	Broken shell	Other		Scope
IE000470_T97.45	71807	327979	71910	327958	Broken shell	Other		Scope
IE000470_T97.46	71910	327958	71838	327865	Broken shell	Other		Scope
IE000470_T97.47	71838	327865	71820	327834	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.48	71820	327834	71814	327820	Broken shell	Other		Scope
IE000470_T97.49	71814	327820	71786	327756	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.50	71786	327756	71781	327742	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.51	71781	327742	71758	327682	Muddy sand	Other		Scope
IE000470_T97.52	71758	327682	71667	327752	Muddy sand	Other		Scope
IE000470_T97.53	71667	327752	71610	327820	Muddy sand	Other		Scope
IE000470_T97.54	71610	327820	71535	327906	Muddy sand	Other		Scope
IE000470_T97.55	71535	327906	71541	327933	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.56	71541	327933	71589	327922	Sand	Other	With shell	Scope
IE000470_T97.57	71589	327922	71622	327910	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T97.58	71622	327910	71692	327873	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T97.59	71692	327873	71720	327859	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T97.60	71720	327859	71760	327841	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.61	71760	327841	71817	327814	Muddy sand	Other		Scope
IE000470_T97.62	71817	327814	71872	327780	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.63	71872	327780	71893	327766	Muddy sand	Other		Scope
IE000470_T97.64	71893	327766	71931	327741	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.65	71931	327741	71954	327726	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.66	71954	327726	72047	327668	Muddy sand	Other	With shell	Scope
IE000470_T97.67	72047	327668	72190	327574	Muddy sand	Other	With shell	Scope
IE000470_T97.68	72190	327574	72312	327510	Muddy sand	Other	With shell	Scope
IE000470_T97.69	72312	327510	72219	327444	Muddy sand	Other	With shell	Scope
IE000470_T97.70	72219	327444	72116	327484	Mud	Other	With sand and broken shell	Scope
IE000470_T97.71	72116	327484	72035	327529	Mud	Other	With sand and broken shell	Scope
IE000470_T97.72	72035	327529	71837	327697	Mud	Other	With sand and broken shell	Scope
IE000470_T97.73	71837	327697	71800	327809	Mud	Other	With sand and broken shell	Scope
IE000470_T97.74	71800	327809	71794	327833	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.75	71794	327833	71792	327896	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.76	71792	327896	71803	327935	Sand	Other	With broken shell	Scope
IE000470_T97.77	71803	327935	71819	327969	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With broken shell	Scope
IE000470_T97.78	71819	327969	71847	328025	Mud	Other	With sand and broken shell	Scope
IE000470_T97.79	71847	328025	71864	328053	Mud	Other	With sand and broken shell	Scope
IE000470_T97.80	71864	328053	71897	328109	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.81	71897	328109	71918	328154	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With broken shell	Scope

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IE000470_T97.82	71918	328154	71927	328196	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.83	71927	328196	71949	328309	Mud	Other	With sand and broken shell	Scope
IE000470_T97.84	71949	328309	71954	328339	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.85	71954	328339	71969	328441	Mud	Other	With broken shell	Scope
IE000470_T97.86	71969	328441	71971	328517	Mud	Other	With sand and broken shell	Scope
IE000470_T97.87	71971	328517	71973	328533	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.88	71973	328533	71976	328564	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.89	71976	328564	71989	328621	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T97.90	71989	328621	72006	328682	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T97.91	72006	328682	72018	328733	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.92	72018	328733	72032	328780	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.93	72032	328780	72046	328815	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.94	72046	328815	72073	328882	Mud	Other	With sand and broken shell	Scope
IE000470_T97.95	72073	328882	72118	328987	Mud	Other	With sand and broken shell	Scope
IE000470_T97.96	72118	328987	72126	329053	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.97	72126	329053	72130	329103	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T97.98	72130	329103	72147	329214	Mud	Other	With sand and broken shell	Scope
IE000470_T97.99	72147	329214	72161	329291	Mud	Other	With sand and broken shell	Scope
IE000470_T97.100	72161	329291	72178	329385	Mud	Other	With sand	Scope
IE000470_T97.101	72178	329385	72077	329442	Mud	Other	With sand	Scope
IE000470_T97.102	72077	329442	71990	329296	Mud	Other	With sand	Scope
IE000470_T97.103	71990	329296	71966	329210	Mud	Other	With sand	Scope
IE000470_T97.104	71966	329210	71941	329143	Mud	Other	With sand	Scope
IE000470_T97.105	71941	329143	71940	329075	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.106	71940	329075	71936	328990	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.107	71936	328990	71916	328876	Sand	Other	With broken shell	Scope
IE000470_T97.108	71916	328876	71885	328747	Mud	Other	With sand and broken shell	Scope
IE000470_T97.109	71885	328747	71876	328704	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.110	71876	328704	71870	328675	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T97.111	71870	328675	71839	328614	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.112	71839	328614	71810	328573	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.113	71810	328573	71773	328570	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.114	71773	328570	71728	328576	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.115	71728	328576	71685	328576	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T97.116	71685	328576	71657	328577	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.117	71657	328577	71640	328575	Sand	Other		Scope
IE000470_T97.118	71640	328575	71603	328564	Sand	Other		Scope
IE000470_T97.119	71603	328564	71593	328561	Sand	Other		Scope
IE000470_T97.120	71593	328561	71562	328552	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T97.121	71562	328552	71533	328546	Sand	Other	With shell	Scope
IE000470_T97.122	71533	328546	71511	328543	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T97.123	71511	328543	71466	328543	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T97.124	71466	328543	71462	328470	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE000470_T97.125	71462	328470	71480	328421	Sand	Other	With shell	Scope
IE000470_T97.126	71480	328421	71687	328438	Sand	Other		Scope
IE000470_T97.127	71687	328438	71704	328443	Sand	Other		Scope
IE000470_T97.128	71704	328443	71719	328446	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T97.129	71719	328446	71741	328452	Sand	Other		Scope
IE000470_T97.130	71741	328452	71755	328455	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T97.131	71755	328455	71767	328459	Sand	Other		Scope
IE000470_T97.132	71767	328459	71786	328465	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T97.133	71786	328465	71794	328468	Sand	Other		Scope



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IE000470_T97.134	71794	328468	71812	328473	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T97.135	71812	328473	71820	328448	Sand	Other		Scope
IE000470_T97.136	71820	328448	71800	328371	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T97.137	71800	328371	71796	328352	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T97.138	71796	328352	71791	328329	Sand	Other		Scope
IE000470_T97.139	71791	328329	71782	328309	Sand	Other	With shell	Scope
IE000470_T97.140	71782	328309	71763	328289	Sand	Other	With broken shell	Scope
IE000470_T97.141	71763	328289	71726	328274	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T97.142	71726	328274	71704	328271	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T97.143	71704	328271	71629	328268	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.144	71629	328268	71581	328275	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.145	71581	328275	71530	328274	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.146	71530	328274	71513	328262	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.147	71513	328262	71469	328233	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T97.148	71469	328233	71421	328249	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T97.149	71421	328249	71411	328261	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T97.150	71411	328261	71393	328283	Sand	Other		Scope
IE000470_T97.151	71393	328283	71425	328448	Sand	Other		Scope
IE000470_T97.152	71425	328448	71461	328596	Sand	Other		Scope
IE000470_T97.153	71461	328596	71471	328608	Sand	Other		Scope
IE000470_T97.154	71471	328608	71552	328650	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T97.155	71552	328650	71613	328692	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T97.156	71613	328692	71636	328704	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.157	71636	328704	71691	328725	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.158	71691	328725	71743	328745	Sand	Other		Scope
IE000470_T97.159	71743	328745	71843	328778	Sand	Other		Scope
IE000470_T97.160	71843	328778	71855	328810	Sand	Other		Scope
IE000470_T97.161	71855	328810	71715	328857	Sand	Other		Scope
IE000470_T97.162	71715	328857	71741	328911	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.163	71741	328911	71826	329025	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.164	71826	329025	71841	329120	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.165	71841	329120	71875	329217	Sand	Other	With shell	Scope
IE000470_T97.166	71875	329217	71903	329290	Mud	Other	With sand and broken shell	Scope
IE000470_T97.167	71903	329290	71858	329396	Sand	Other		Scope
IE000470_T97.168	71858	329396	71761	329315	Sand	Other	With broken shell and mud	Scope
IE000470_T97.169	71761	329315	71720	329197	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.170	71720	329197	71635	329035	Mud	Other	With sand and broken shell	Scope
IE000470_T97.171	71635	329035	71608	328951	Sand	Other		Scope
IE000470_T97.172	71608	328951	71590	328865	Sand	Other	With shell	Scope
IE000470_T97.173	71590	328865	71583	328845	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.174	71583	328845	71572	328823	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T97.175	71572	328823	71543	328771	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T97.176	71543	328771	71518	328739	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T97.177	71518	328739	71477	328689	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T97.178	71477	328689	71462	328678	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T97.179	71462	328678	71438	328656	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T97.180	71438	328656	71422	328647	Sand	Other		Scope
IE000470_T97.181	71422	328647	End Point	End Point	Sand	Other		Scope
IE000470_T98	71976	324626	72033	324730	Kelp	Other		Scope
IE000470_T98.1	72033	324730	72099	324786	Kelp	Other		Scope
IE000470_T98.2	72099	324786	72130	324804	Kelp	Other	With macroalgae	Scope
IE000470_T98.3	72130	324804	72181	324818	Kelp	Other		Scope

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IE000470_T98.4	72181	324818	72203	324818	Kelp	Other		Scope
IE000470_T98.5	72203	324817	72357	324811	Sand	Other		Scope
IE000470_T98.6	72357	324811	72286	324917	Sand	Other		Scope
IE000470_T98.7	72286	324917	72390	324949	Sand	Other		Scope
IE000470_T98.8	72390	324949	72453	324947	Sand	Other		Scope
IE000470_T98.9	72453	324947	72546	324999	Sand	Other		Scope
IE000470_T98.10	72546	324999	72641	325041	Sand	Other		Scope
IE000470_T98.11	72641	325041	72827	325098	Sand	Other		Scope
IE000470_T98.12	72827	325098	72925	325124	Sand	Other		Scope
IE000470_T98.13	72925	325124	72832	325154	Sand	Other		Scope
IE000470_T98.14	72832	325154	72723	325223	Sand	Other		Scope
IE000470_T98.15	72723	325223	72612	325334	Sand	Other		Scope
IE000470_T98.16	72612	325334	72626	325326	Sand	Other		Scope
IE000470_T98.17	72626	325326	72615	325312	Cobble	Other	With macroalgae	Scope
IE000470_T98.18	72615	325312	72614	325257	Sand	Other		Scope
IE000470_T98.19	72614	325257	72594	325197	Sand	Other		Scope
IE000470_T98.20	72594	325197	72529	325205	Cobble	Other	With macroalgae	Scope
IE000470_T98.21	72529	325205	72493	325317	Sand	Other		Scope
IE000470_T98.22	72493	325317	72500	325381	Cobble	Other	With macroalgae	Scope
IE000470_T98.23	72500	325381	72535	325455	Sand	Other		Scope
IE000470_T98.24	72535	325455	72557	325459	Sand	Other		Scope
IE000470_T98.25	72557	325459	72584	325459	Sand	Other	With macroalgae	Scope
IE000470_T98.26	72584	325459	72642	325561	Sand	Other		Scope
IE000470_T98.27	72642	325561	72642	325578	Sand	Other	With macroalgae	Scope
IE000470_T98.28	72642	325578	72640	325599	Sand	Other	With macroalgae	Scope
IE000470_T98.29	72640	325599	72636	325618	Sand	Other		Scope
IE000470_T98.30	72636	325618	72613	325663	Rock	Other	With macroalgae	Scope
IE000470_T98.31	72613	325663	72554	325724	Cobble	Other	With rocks	Scope
IE000470_T98.32	72554	325724	72521	325757	Sand	Other		Scope
IE000470_T98.33	72521	325757	72504	325775	Sand	Other	With macroalgae	Scope
IE000470_T98.34	72504	325775	72482	325807	Sand	Other		Scope
IE000470_T98.35	72482	325807	72462	325840	Rock	Other	With macroalgae	Scope
IE000470_T98.36	72462	325840	72431	325897	Sand	Other		Scope
IE000470_T98.37	72431	325897	72306	325976	Cobble	Other	With macroalgae	Scope
IE000470_T98.38	72306	325976	72180	326092	Sand	Other		Scope
IE000470_T98.39	72180	326092	72184	326266	Sand	Other		Scope
IE000470_T98.40	72184	326266	72239	326323	Sand	Other		Scope
IE000470_T98.41	72239	326323	72190	326386	Sand	Other		Scope
IE000470_T98.42	72190	326386	72084	326381	Sand	Other		Scope
IE000470_T98.43	72084	326381	72002	326407	Sand	Other		Scope
IE000470_T98.44	72002	326407	End Point	End Point	Sand	Other		Scope
IE000470_T99	70842	329504	70920	329541	Sand	Other		Scope
IE000470_T99.1	70920	329541	70936	329555	Cobble	Other	With sand and macroalgae	Scope
IE000470_T99.2	70936	329555	70982	329593	Sand	Other	With gravel and macroalgae	Scope
IE000470_T99.3	70982	329593	71001	329615	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T99.4	71001	329615	71029	329632	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T99.5	71029	329632	71041	329635	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T99.6	71041	329635	71057	329637	Sand	Other		Scope
IE000470_T99.7	71057	329637	71190	329552	Sand	Other		Scope
IE000470_T99.8	71190	329552	71182	329445	Sand	Other		Scope
IE000470_T99.9	71182	329445	71057	329342	Sand	Other		Scope
IE000470_T99.10	71057	329342	70925	329369	Sand	Other		Scope

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IE000470_T99.11	70925	329369	70788	329392	Sand	Other		Scope
IE000470_T99.12	70788	329392	70780	329391	Cobble	Other	With macroalgae	Scope
IE000470_T99.13	70780	329391	70765	329394	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T99.14	70765	329394	70723	329404	Sand	Other	With macroalgae and broken shell	Scope
IE000470_T99.15	70723	329404	70665	329542	Sand	Other	With broken shell	Scope
IE000470_T99.16	70665	329542	70655	329641	Sand	Other	With broken shell	Scope
IE000470_T99.17	70655	329641	70666	329677	Sand	Other	With broken shell	Scope
IE000470_T99.18	70666	329677	70719	329757	Sand	Other	With macroalgae	Scope
IE000470_T99.19	70719	329757	70758	329834	Sand	Other	With macroalgae and broken shell	Scope
IE000470_T99.20	70758	329834	70768	329875	Sand	Other	With macroalgae	Scope
IE000470_T99.21	70768	329875	70777	329880	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T99.22	70777	329880	70847	329933	Sand	Other	With broken shell	Scope
IE000470_T99.23	70847	329933	70896	329998	Sand	Other		Scope
IE000470_T99.24	70896	329998	70894	330036	Sand	Other	With broken shell	Scope
IE000470_T99.25	70894	330036	70703	330123	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.26	70703	330123	70609	330136	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.27	70609	330136	70508	330205	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.28	70508	330205	70463	330271	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.29	70463	330271	70396	330381	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.30	70396	330381	70312	330443	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.31	70312	330443	70295	330348	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.32	70295	330348	70329	330285	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.33	70329	330285	70406	330144	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.34	70406	330144	70347	330032	Sand	Other	With broken shell	Scope
IE000470_T99.35	70347	330032	70293	329966	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.36	70293	329966	70299	329889	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.37	70299	329889	70325	329874	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.38	70325	329874	70341	329863	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T99.39	70341	329863	70373	329844	Sand	Other	With broken shell	Scope
IE000470_T99.40	70373	329844	70406	329828	Sand	Other		Scope
IE000470_T99.41	70406	329828	70481	329795	Sand	Other		Scope
IE000470_T99.42	70481	329795	70544	329772	Sand	Other	With shell and macroalgae	Scope
IE000470_T99.43	70544	329772	70628	329738	Sand	Other	With broken shell	Scope
IE000470_T99.44	70628	329738	70701	329710	Sand	Other	With broken shell	Scope
IE000470_T99.45	70701	329710	70739	329709	Sand	Other	With broken shell	Scope
IE000470_T99.46	70739	329709	70800	329696	Sand	Other		Scope
IE000470_T99.47	70800	329696	70894	329669	Sand	Other	With broken shell	Scope
IE000470_T99.48	70894	329669	70978	329639	Sand	Other	With broken shell	Scope
IE000470_T99.49	70978	329639	71019	329625	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T99.50	71019	329625	71049	329609	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With shell	Scope
IE000470_T99.51	71049	329609	71073	329601	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T99.52	71073	329601	71137	329590	Sand	Other		Scope
IE000470_T99.53	71137	329590	71199	329578	Sand	Other		Scope
IE000470_T99.54	71199	329578	71237	329576	Sand	Other		Scope
IE000470_T99.55	71237	329576	71293	329571	Sand	Other		Scope
IE000470_T99.56	71293	329571	71377	329559	Sand	Other		Scope
IE000470_T99.57	71377	329559	71491	329409	Sand	Other		Scope
IE000470_T99.58	71491	329409	71483	329353	Sand	Other	With broken shell	Scope
IE000470_T99.59	71483	329353	71478	329260	Sand	Other	With broken shell	Scope
IE000470_T99.60	71478	329260	71465	329140	Sand	Other	With broken shell	Scope
IE000470_T99.61	71465	329140	71451	329078	Sand	Other	With broken shell	Scope
IE000470_T99.62	71451	329078	71375	328906	Sand	Other	With broken shell	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T99.63	71375	328906	71292	328918	Sand	Other	With broken shell	Scope
IE000470_T99.64	71292	328918	End Point	End Point	Sand	Other		Scope
IE000470_T100	70847	328773	70792	328757	Sand	Other	With macroalgae	Scope
IE000470_T100.1	70792	328757	70752	328769	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T100.2	70752	328769	70744	328784	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T100.3	70744	328784	70741	328817	Sand	Other	With shell	Scope
IE000470_T100.4	70741	328817	70678	328873	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T100.5	70678	328873	70665	328894	Sand	Other		Scope
IE000470_T100.6	70665	328894	70622	328882	Sand	Other	With shell	Scope
IE000470_T100.7	70622	328882	70614	328847	Sand	Other	With shell	Scope
IE000470_T100.8	70614	328847	70654	328828	Sand	Other	With kelp	Scope
IE000470_T100.9	70654	328828	70664	328913	Sand	Other	With shell	Scope
IE000470_T100.10	70664	328913	End Point	End Point	Sand	Other	With shell	Scope
IE000470_T101	70726	328877	70760	328849	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T101.1	70760	328849	70796	328819	Sand	Other		Scope
IE000470_T101.2	70796	328819	70810	328807	Sand	Other	With shell	Scope
IE000470_T101.3	70810	328807	70840	328803	Sand	Other		Scope
IE000470_T101.4	70840	328803	70895	328838	Broken shell	Other		Scope
IE000470_T101.5	70895	328838	70930	328775	Sand	Other		Scope
IE000470_T101.6	70930	328775	70927	328763	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	With macroalgae	Scope
IE000470_T101.7	70927	328763	End Point	End Point	Sand	Other	With broken shell	Scope
IE000470_T102	71384	328266	71393	328246	Sand	Other		Scope
IE000470_T102.1	71393	328246	71408	328255	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T102.2	71408	328255	71425	328268	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T102.3	71425	328268	71455	328294	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T102.4	71455	328294	71478	328308	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T102.5	71478	328308	71520	328322	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T102.6	71520	328322	71546	328339	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T102.7	71546	328339	71570	328352	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T102.8	71570	328352	71590	328358	Sand	Other		Scope
IE000470_T102.9	71590	328358	71608	328361	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T102.10	71608	328361	71636	328361	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T102.11	71636	328361	71667	328368	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T102.12	71667	328368	71686	328373	Sand	Other		Scope
IE000470_T102.13	71686	328373	71707	328361	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T102.14	71707	328361	71718	328346	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T102.15	71718	328346	71731	328319	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T102.16	71731	328319	71746	328294	Sand	Other	With shell	Scope
IE000470_T102.17	71746	328294	71754	328234	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T102.18	71754	328234	71752	328192	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T102.19	71752	328192	71748	328137	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T102.20	71748	328137	71752	328096	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T102.21	71752	328096	71810	328080	Sand	Other	With oystershell	Scope
IE000470_T102.22	71810	328080	71859	328072	Sand	Other	With oyster shell	Scope
IE000470_T102.23	71859	328072	71896	328057	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T102.24	71896	328057	71949	328049	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.25	71949	328049	71976	328045	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.26	71976	328045	71994	328019	Sand	Other	With shell	Scope
IE000470_T102.27	71994	328019	72006	327991	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.28	72006	327991	72030	327963	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.29	72030	327963	72060	327932	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.30	72060	327932	72103	327912	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With broken shell	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T102.31	72103	327912	72134	327922	Broken shell	Other		Scope
IE000470_T102.32	72134	327922	72163	327949	Broken shell	Other		Scope
IE000470_T102.33	72163	327949	72179	327966	Broken shell	Other		Scope
IE000470_T102.34	72179	327966	72197	327994	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.35	72197	327994	72217	328025	Sand	Other	With shell	Scope
IE000470_T102.36	72217	328025	72245	328052	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.37	72245	328052	72266	328080	Broken shell	Other	With sand	Scope
IE000470_T102.38	72266	328080	72288	328111	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T102.39	72288	328111	72324	328154	Sand	Other	With broken shell	Scope
IE000470_T102.40	72324	328154	72361	328185	Sand	Other	With broken shell	Scope
IE000470_T102.41	72361	328185	72402	328197	Sand	Other		Scope
IE000470_T102.42	72402	328197	72433	328202	Sand	Other		Scope
IE000470_T102.43	72433	328202	72501	328203	Muddy sand	Other		Scope
IE000470_T102.44	72501	328203	72530	328184	Muddy sand	Other		Scope
IE000470_T102.45	72530	328184	72549	328138	Muddy sand	Other		Scope
IE000470_T102.46	72549	328138	72564	328074	Muddy sand	Other		Scope
IE000470_T102.47	72564	328074	72564	328051	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T102.48	72564	328051	72562	328024	Muddy sand	Other		Scope
IE000470_T102.49	72562	328024	72562	327977	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With macroalgae	Scope
IE000470_T102.50	72562	327977	72553	327940	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T102.51	72553	327940	72557	327896	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T102.52	72557	327896	72569	327856	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T102.53	72569	327856	72575	327837	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T102.54	72575	327837	72583	327788	Sand	Other		Scope
IE000470_T102.55	72583	327788	72594	327753	Sand	Other		Scope
IE000470_T102.56	72594	327753	72628	327745	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.57	72628	327745	72652	327746	Sand	Other		Scope
IE000470_T102.58	72652	327746	72663	327751	Sand	Other		Scope
IE000470_T102.59	72663	327751	72676	327781	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T102.60	72676	327781	72683	327811	Sand	Other	With shell	Scope
IE000470_T102.61	72683	327811	72679	327842	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T102.62	72679	327842	72676	327859	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T102.63	72676	327859	72673	327900	Sand	Other	With shell	Scope
IE000470_T102.64	72673	327900	72671	327922	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.65	72671	327922	72675	327967	Sand	Other	With shell	Scope
IE000470_T102.66	72675	327967	72678	327997	Sand	Other		Scope
IE000470_T102.67	72678	327997	72644	328014	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T102.68	72644	328014	72611	328000	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T102.69	72611	328000	72589	327988	Muddy sand	Other		Scope
IE000470_T102.70	72589	327988	72544	327962	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.71	72544	327962	72514	327953	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.72	72514	327953	72467	327935	Muddy sand	Other		Scope
IE000470_T102.73	72467	327935	72429	327892	Muddy sand	Other		Scope
IE000470_T102.74	72429	327892	72435	327854	Muddy sand	Other		Scope
IE000470_T102.75	72435	327854	72456	327805	Muddy sand	Other		Scope
IE000470_T102.76	72456	327805	72469	327767	Muddy sand	Other		Scope
IE000470_T102.77	72469	327767	72452	327731	Muddy sand	Other		Scope
IE000470_T102.78	72452	327731	72412	327700	Muddy sand	Other		Scope
IE000470_T102.79	72412	327700	72362	327683	Muddy sand	Other		Scope
IE000470_T102.80	72362	327683	72299	327688	Muddy sand	Other		Scope
IE000470_T102.81	72299	327688	72243	327696	Muddy sand	Other		Scope
IE000470_T102.82	72243	327696	72156	327721	Muddy sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T102.83	72156	327721	72090	327756	Muddy sand	Other		Scope
IE000470_T102.84	72090	327756	72041	327792	Muddy sand	Other		Scope
IE000470_T102.85	72041	327792	72007	327826	Muddy sand	Other	With broken shell	Scope
IE000470_T102.86	72007	327826	71967	327867	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.87	71967	327867	71879	327917	Muddy sand	Other	With broken shell	Scope
IE000470_T102.88	71879	327917	71811	327933	Muddy sand	Other	With broken shell	Scope
IE000470_T102.89	71811	327933	71714	327942	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T102.90	71714	327942	71680	327958	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T102.91	71680	327958	71681	327997	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.92	71681	327997	71692	328036	Sand	Other	With shell	Scope
IE000470_T102.93	71692	328036	71670	328108	Broken shell	Other		Scope
IE000470_T102.94	71670	328108	71539	328105	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T102.95	71539	328105	71488	328108	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T102.96	71488	328108	71426	328108	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T102.97	71426	328108	71342	328067	Sand	Other	With broken shell	Scope
IE000470_T102.98	71342	328067	71394	328034	Sand	Other	With broken shell	Scope
IE000470_T102.99	71394	328034	71439	328022	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T102.100	71439	328022	71511	327988	Sand	Other	With broken shell	Scope
IE000470_T102.101	71511	327988	71598	327948	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T102.102	71598	327948	71658	327946	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T102.103	71658	327946	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103	65217	324713	65272	324683	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.1	65272	324683	65308	324650	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.2	65308	324650	65330	324596	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.3	65330	324596	65359	324585	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T103.4	65359	324585	65405	324570	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.5	65405	324570	65475	324545	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.6	65475	324545	65553	324497	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T103.7	65553	324497	65542	324460	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.8	65542	324460	65518	324403	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.9	65518	324403	65509	324399	Sand	Other		Scope
IE000470_T103.10	65509	324399	65482	324360	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.11	65482	324360	65478	324332	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.12	65478	324332	65480	324306	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T103.13	65480	324306	65470	324292	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T103.14	65470	324292	65440	324313	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T103.15	65440	324313	65382	324369	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T103.16	65382	324369	65338	324398	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T103.17	65338	324398	65310	324421	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T103.18	65310	324421	65271	324449	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T103.19	65271	324449	65231	324484	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.20	65231	324484	65184	324491	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.21	65184	324491	65151	324490	Sand	Other		Scope
IE000470_T103.22	65151	324490	65143	324527	Sand	Other	With macroalgae	Scope
IE000470_T103.23	65143	324527	65160	324543	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.24	65160	324543	65194	324536	Sand	Other		Scope
IE000470_T103.25	65194	324536	65262	324509	Sand	Other		Scope
IE000470_T103.26	65262	324509	65345	324496	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.27	65345	324496	65393	324473	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T103.28	65393	324473	65418	324458	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.29	65418	324458	65444	324444	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T103.30	65444	324444	65462	324431	<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
IE000470_T103.31	65462	324431	65573	324391	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.32	65573	324391	65597	324361	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.33	65597	324361	65630	324328	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.34	65630	324328	65668	324309	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.35	65668	324309	65681	324326	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.36	65681	324326	65722	324329	Sand	Other		Scope
IE000470_T103.37	65722	324329	65745	324299	Sand	Other		Scope
IE000470_T103.38	65745	324299	65708	324269	Sand	Other		Scope
IE000470_T103.39	65708	324269	65664	324247	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T103.40	65664	324247	65633	324229	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T103.41	65633	324229	65618	324205	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.42	65618	324205	65597	324176	Sand	Other		Scope
IE000470_T103.43	65597	324176	65622	324170	Sand	Other		Scope
IE000470_T103.44	65622	324170	65646	324168	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T103.45	65646	324168	65658	324138	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T103.46	65658	324138	65673	324100	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T103.47	65673	324100	65688	324060	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T103.48	65688	324060	65691	324045	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.49	65691	324045	65690	324022	Sand	Other		Scope
IE000470_T103.50	65690	324022	65689	324001	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T103.51	65689	324001	65688	323988	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T103.52	65688	323988	65702	323956	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T103.53	65702	323956	65711	323929	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T103.54	65711	323929	65717	323914	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T103.55	65717	323914	65728	323867	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T103.56	65728	323867	65736	323847	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T103.57	65736	323847	65754	323797	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T103.58	65754	323797	65772	323767	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T103.59	65772	323767	65787	323743	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T103.60	65787	323743	65820	323683	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T103.61	65820	323683	65805	323631	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T103.62	65805	323631	65819	323611	Kelp	Other	With macroalgae	Scope
IE000470_T103.63	65819	323611	65843	323574	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE000470_T103.64	65843	323574	65874	323546	Cobble	Other	With macroalgae and rock	Scope
IE000470_T103.65	65874	323546	End Point	End Point	Rock	Other		Scope
IE000470_T104	65894	323612	65875	323653	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T104.1	65875	323653	65903	323702	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE000470_T104.2	65903	323702	End Point	End Point	Sand	Other		Scope
IE000470_T105	65818	323778	65792	323900	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T105.1	65792	323900	65751	324035	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T105.2	65751	324035	65695	324236	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T105.3	65695	324236	65581	324372	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T105.4	65581	324372	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE000470_T106	67261	325722	67279	325762	Kelp	Other		Scope
IE000470_T106.1	67279	325762	67305	325833	Sand	Other	With macroalgae	Scope
IE000470_T106.2	67305	325833	67276	325875	Kelp	Other		Scope
IE000470_T106.3	67276	325875	67262	325906	Sand	Other	With macroalgae	Scope
IE000470_T106.4	67262	325906	67262	325956	Sand	Other	With shell and macroalgae	Scope
IE000470_T106.5	67262	325956	67274	325980	Sand	Other		Scope
IE000470_T106.6	67274	325980	67291	326024	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T106.7	67291	326024	End Point	End Point	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE000470_T107	67228	326130	67208	326120	<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
IE000470_T107.1	67208	326120	67185	326128	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T107.2	67185	326128	67171	326147	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T107.3	67171	326147	67144	326171	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T107.4	67144	326171	67131	326188	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T107.5	67131	326188	67128	326245	Sand	Other	With macroalgae	Scope
IE000470_T107.6	67128	326245	67126	326346	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T107.7	67126	326346	67128	326358	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T107.8	67128	326358	67139	326434	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T107.9	67139	326434	67159	326502	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE000470_T107.10	67159	326502	67159	326532	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T107.11	67159	326532	67155	326550	Sand	Other		Scope
IE000470_T107.12	67155	326550	67165	326574	Sand	Other	With macroalgae	Scope
IE000470_T107.13	67165	326574	67202	326594	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T107.14	67202	326594	67265	326562	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T107.15	67265	326562	67256	326438	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T107.16	67256	326438	67622	326447	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T107.17	67622	326447	End Point	End Point	Sand	Other		Scope
IE000470_T108	67352	326303	67419	326326	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE000470_T108.1	67419	326326	End Point	End Point	Sand	Other		Scope
IE000470_T109	67350	326240	67319	326232	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T109.1	67319	326232	End Point	End Point	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE000470_T110	67376	326212	67326	325824	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE000470_T110.1	67326	325824	End Point	End Point	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> starts at this point	Dive
IE000470_T111	67324	326013	67366	326057	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE000470_T111.1	67366	326057	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i> 3 percent cover	Dive
IE000470_T112	67324	326248	67365	326290	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE000470_T112.1	67365	326290	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	2 percent cover of of 50 percent living and 50 percent dead Maërl	Dive
IE000470_T113	67431	326446	67366	326450	Maërl Living and Dead	Maërl Living and Dead	Less than 1 percent cover of 20 percent living and 80 percent dead Maërl.	Dive
IE000470_T113.1	67366	326450	End Point	End Point	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE000470_T114	67343	326607	67310	326610	Sand	Other		Dive
IE000470_T114.1	67310	326610	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Dive
IE000470_T115	67532	326824	67352	326812	Maërl Living and Dead	Maërl Living and Dead	80 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE000470_T115.1	67352	326812	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Dive
IE000470_T116	67565	326814	67648	326800	Maërl Living and Dead	Maërl Living and Dead		Dive
IE000470_T116.1	67648	326800	End Point	End Point	Gravel	Other		Dive
IE000470_T117	67607	326781	67601	326938	Maërl Living	Maërl Living	Beginning of Maërl bed. 100 percent living Maërl	Dive
IE000470_T117.1	67601	326938	End Point	End Point	Sand	Other		Dive
IE000470_T118	65740	324344	65704	324302	Sand	Other		Dive
IE000470_T118.1	65704	324302	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Dive
IE000470_T119	65818	324010	65849	324017	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	Boundary of <i>Zostera marina</i>	Dive
IE000470_T119.1	65849	324017	End Point	End Point	Sand	Other		Dive
IE000470_T120	65681	324441	65665	324410	Sand	Other	With <i>Serpula vermicularis</i> Very Rare with gravel	Dive
IE000470_T120.1	65665	324410	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> starts here	Dive
IE000470_T121	65476	324526	65640	324550	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Dive
IE000470_T122.1	65640	324550	End Point	End Point	Sand	Other	With <i>Modiolus modiolus</i> Rare	Dive
IE000470_T123	69856	332049	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	Stills photography and video recorded at this position	Dive
IE000470_T124	70115	329259	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	Stills photography and video recorded at this position	Dive
IE000470_T125	65580	321618	65635	321646	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Dive
IE000470_T125.1	65635	321646	66731	321729	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	<i>Zostera marina</i> ends at this point <i>Serpula vermicularis</i> only 30 percent cover. 5 percent cover of 100 percent living Maërl. <i>Metridium senile</i> Frequent	Dive
IE000470_T125.2	66731	321729	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i> ends at this point	Dive
IE000470_T126	66438	321107	66290	321141	Sand	Other	<i>Turritella communis</i> present	Dive
IE000470_T126.1	66290	321141	End Point	End Point	<i>Serpula vermicularis</i> Frequent	<i>Serpula vermicularis</i> Frequent	<i>Serpula vermicularis</i> starts at this point	Dive

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T127	65560	321351	65612	321336	<i>Zostera marina</i> Occasional and Maërl living and dead and <i>Serpula vermicularis</i>	<i>Zostera marina</i> Occasional and Maërl living and dead and <i>Serpula vermicularis</i>	5 percent cover of 20 percent living and 80 percent dead Maërl.	Dive
IE000470_T127.1	65612	321336	65707	321303	Maërl Living and Dead and <i>Serpula vermicularis</i>	Maërl Living and Dead and <i>Serpula vermicularis</i>	30 percent cover of 50 percent living and 50 percent dead Maërl in patches	Dive
IE000470_T127.2	65707	321303	End Point	End Point	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	2 percent cover of of 50 percent living and 50 percent dead Maërl with <i>Serpula vermicularis</i>	Dive
IE000470_T128	65358	320931	65475	321143	Sand	Other		Dive
IE000470_T128.1	65475	321143	65686	321143	Maërl Living and Dead	Maërl Living and Dead	20 percent cover of 50 percent living and 50 percent dead Maërl. <i>Zostera marina</i> ends at this point.	Dive
IE000470_T128.2	65686	321143	End Point	End Point	Maërl Living and Dead and <i>Serpula vermicularis</i>	Maërl Living and Dead and <i>Serpula vermicularis</i>	10 percent cover of 80 percent living and 20 percent dead Maërl. <i>Serpula vermicularis</i> occasional	Dive
IE000470_T129	65475	321143	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> boundary occurs 20m beyond this point	Dive
IE000470_T130	65921	321137	65868	320891	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	50 percent cover of <i>Serpula vermicularis</i>	Dive
IE000470_T130.1	65868	320891	End Point	End Point	Sand	Other		Dive
IE000470_T132	66151	321124	65989	320787	<i>Serpula vermicularis</i> Frequent	<i>Serpula vermicularis</i> Frequent		Dive
IE000470_T132.1	65989	320787	End Point	End Point	Sand	Other	<i>Serpula vermicularis</i> ends at this point	Dive
IE000470_T133	66115	322004	65788	321933	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>		Dive
IE000470_T133.1	65788	321933	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Dive
IE000470_T132	65743	322420	65564	322385	Maërl Living and Dead and <i>Serpula vermicularis</i>	Maërl Living and Dead and <i>Serpula vermicularis</i>	5 percent cover of 20 percent living and 80 percent dead Maërl. <i>Modiolus modiolus</i> shell present.	Dive
IE000470_T132.1	65564	322385	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Dive
IE000470_T133	65493	322733	65415	322726	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Dive
IE000470_T133.1	65415	322726	End Point	End Point	Sand	Other		Dive
IE000470_T134	65571	323023	65677	322993	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	With <i>Serpula vermicularis</i> Very Rare	Dive
IE000470_T134.1	65677	322993	End Point	End Point	Sand	Other		Dive
IE000470_T135	66066	323094	66184	323079	Sand	Other	With broken shell	Dive
IE000470_T135.1	66184	323079	66527	322883	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i> starts at this point	Dive
IE000470_T135.2	66527	322883	End Point	End Point	Maërl Living and <i>Serpula vermicularis</i>	Maërl Living and <i>Serpula vermicularis</i>	20 percent cover of living Maërl. 30 percent cover of <i>Serpula vermicularis</i>	Dive
IE000470_T136	67676	322626	66896	322828	<i>Serpula vermicularis</i>	<i>Serpula vermicularis</i>		Dive
IE000470_T136.1	66896	322828	End Point	End Point	Maërl Living and Dead and <i>Serpula vermicularis</i>	Maërl Living and Dead and <i>Serpula vermicularis</i>	5 percent cover of of 50 percent living and 50 percent dead Maërl with <i>Serpula vermicularis</i>	Dive
IE000470_T137	66200	323524	66274	323283	Maërl Living and Dead	Maërl Living and Dead	5 percent cover of 20 percent living and 80 percent dead Maërl.	Dive
IE000470_T137.1	66274	323283	66288	323236	Maërl Living and <i>Serpula vermicularis</i>	Maërl Living and <i>Serpula vermicularis</i>	5 percent cover living Maërl. <i>Serpula vermicularis</i> Rare starts at this point	Dive
IE000470_T137.2	66288	323236	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	10 percent cover of 80 percent living and 20 percent dead Maërl. 1 percent cover of <i>Serpula vermicularis</i>	Dive
IE000470_T138	66602	323068	66693	323286	<i>Serpula vermicularis</i> Rare	<i>Serpula vermicularis</i> Rare		Dive
IE000470_T138.1	66693	323286	End Point	End Point	Sand	Other	Sand with fragments of dead <i>Serpula vermicularis</i>	Dive
IE000470_T139	66394	322372	66427	322174	Maërl Living and <i>Serpula vermicularis</i>	Maërl Living and <i>Serpula vermicularis</i>	50 percent cover of living Maërl	Dive
IE000470_T139.1	66427	322174	End Point	End Point	Maërl Living and Dead and <i>Serpula vermicularis</i>	Maërl Living and Dead and <i>Serpula vermicularis</i>	60 percent cover of 80 percent living and 20 percent dead Maërl with <i>Serpula vermicularis</i> 30-40 percent cover	Dive
IE000470_T140	66394	322443	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	Stills photography and video recorded at this position	Dive
IE000470_T141	65322	322318	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	Stills photography and video recorded at this position	Dive
IE000470_T142	65020	318890	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	Stills photography recorded at this position	Dive
IE000470_T143	69856	323284	69908	322950	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant		Dive
IE000470_T143.1	69908	322950	End Point	End Point	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant		Dive
IE000470_T144	69936	321943	70011	321964	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant		Dive
IE000470_T144.1	70011	321964	End Point	End Point	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant	<i>Amphiuera filiformis</i> , <i>Sagartiogeton undatus</i> and <i>Cerianthus lloydii</i>	Dive
IE000470_T145	69812	320793	69831	321471	<i>Lanice conchilega</i> Rare	<i>Lanice conchilega</i> Rare		Dive
IE000470_T145.1	69831	321471	End Point	End Point	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant		Dive
IE000470_T146	70877	321432	71371	321399	<i>Lanice conchilega</i> Occasional	<i>Lanice conchilega</i> Occasional		Dive
IE000470_T146.1	71371	321399	End Point	End Point	<i>Lanice conchilega</i> Occasional	<i>Lanice conchilega</i> Occasional		Dive
IE000470_T147	72039	321413	73037	321123	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant	<i>Sagartiogeton undatus</i> and <i>Philine aperta</i>	Dive
IE000470_T147.1	73037	321123	End Point	End Point	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant	<i>Sagartiogeton undatus</i> and <i>Philine aperta</i>	Dive
IE000470_T148	72841	321407	72930	321405	<i>Lanice conchilega</i> Frequent	<i>Lanice conchilega</i> Frequent	Fine compact sand, species poor	Dive
IE000470_T148.1	72930	321405	End Point	End Point	<i>Lanice conchilega</i> Rare	<i>Lanice conchilega</i> Rare		Dive

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE000470_T149	68553	319711	68635	321410	Sand	Other	<i>Amphiura filiformis</i> Super Abundant and <i>Lanice conchilega</i> Very Rare	Dive
IE000470_T149.1	68635	321410	End Point	End Point	Sand	Other		Dive
IE000470_T150	68678	321906	68665	322275	Sand	Other	<i>Lanice conchilega</i> Very Rare, <i>Amphiura filiformis</i> Super Abundant, <i>Sagartiogeton undatus</i> Frequent	Dive
IE000470_T150.1	68665	322275	End Point	End Point	Sand	Other	<i>Amphiura filiformis</i> Super Abundant, <i>Sagartiogeton undatus</i> Frequent	Dive
IE000470_T151	68737	322811	68779	323247	Sand	Other	<i>Lanice conchilega</i> Very Rare, <i>Amphiura filiformis</i> Frequent, <i>Sagartiogeton undatus</i> Frequent and <i>Cerianthus lloydii</i> Frequent	Dive
IE000470_T151.1	68779	323247	End Point	End Point	Sand	Other	<i>Amphiura filiformis</i> Frequent, <i>Sagartiogeton undatus</i> Frequent and <i>Lanice conchilega</i> Very Rare on shelly sand.	Dive
IE000470_T152	68810	323887	69257	323884	Sand	Other	Sandy mud with shell. <i>Lanice conchilega</i> Very Rare, <i>Sagartiogeton undatus</i> Frequent, <i>Cerianthus lloydii</i> Frequent	Dive
IE000470_T152.1	69257	323884	End Point	End Point	Sand	Other	<i>Amphiura filiformis</i> Occasional, <i>Sagartiogeton undatus</i> Frequent, <i>Cerianthus lloydii</i> and <i>Philine aperta</i>	Dive
IE000470_T153	69863	323775	69888	324175	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant	With broken shell on sand, <i>Sagartiogeton undatus</i> Frequent, <i>Cerianthus lloydii</i> Frequent	Dive
IE000470_T153.1	69888	324175	End Point	End Point	<i>Lanice conchilega</i> Frequent	<i>Lanice conchilega</i> Frequent	<i>Amphiura filiformis</i> Occasional, <i>Sagartiogeton undatus</i> Occasional	Dive
IE000470_T154	69598	324461	69265	324444	<i>Lanice conchilega</i> Frequent	<i>Lanice conchilega</i> Frequent		Dive
IE000470_T154.1	69265	324444	End Point	End Point	<i>Lanice conchilega</i> Frequent	<i>Lanice conchilega</i> Frequent	<i>Sagartiogeton undatus</i> Occasional	Dive
IE000470_T155	68897	324495	69143	324432	Sand	Other		Dive
IE000470_T155.1	69143	324432	End Point	End Point	Sand	Other	With <i>Sagartiogeton undatus</i> Occasional on shelly sand	Dive
IE000470_T156	70905	322282	71195	322362	<i>Lanice conchilega</i> Frequent	<i>Lanice conchilega</i> Frequent	With <i>Sagartiogeton undatus</i> Occasional on rippled sand	Dive
IE000470_T156.1	71195	322362	End Point	End Point	<i>Lanice conchilega</i> Occasional	<i>Lanice conchilega</i> Occasional		Dive
IE000470_T157	71886	322521	72138	322383	<i>Lanice conchilega</i> Occasional	<i>Lanice conchilega</i> Occasional		Dive
IE000470_T157.1	72138	322383	End Point	End Point	<i>Lanice conchilega</i> Rare	<i>Lanice conchilega</i> Rare		Dive
IE000470_T158	71507	323193	71214	323235	<i>Lanice conchilega</i> Occasional	<i>Lanice conchilega</i> Occasional		Dive
IE000470_T158.1	71214	323235	End Point	End Point	<i>Lanice conchilega</i> Rare	<i>Lanice conchilega</i> Rare	<i>Amphiura filiformis</i> Super Abundant on muddy sand	Dive
IE000470_T159	70696	323413	70327	323483	<i>Lanice conchilega</i> Rare	<i>Lanice conchilega</i> Rare	<i>Amphiura filiformis</i> Abundant, <i>Sagartiogeton undatus</i> Occasional	Dive
IE000470_T159.1	70327	323483	End Point	End Point	<i>Lanice conchilega</i> Frequent	<i>Lanice conchilega</i> Frequent	<i>Sagartiogeton undatus</i> Frequent and <i>Amphiura filiformis</i> Super Abundant	Dive
IE000470_T160	70467	324629	70487	324935	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant	<i>Sagartiogeton undatus</i> (Occasional and <i>Amphiura filiformis</i> Abundant)	Dive
IE000470_T160.1	70487	324935	End Point	End Point	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant	<i>Sagartiogeton undatus</i> Frequent, <i>Amphiura filiformis</i> Frequent and <i>Mysiccola infundibulum</i> Frequent	Dive
IE000470_T161	70560	325575	70615	325929	<i>Lanice conchilega</i> Occasional	<i>Lanice conchilega</i> Occasional	<i>Amphiura filiformis</i> Frequent, <i>Sagartiogeton undatus</i> Occasional and <i>Ensis ensis</i> on muddy sand	Dive
IE000470_T161.1	70615	325929	End Point	End Point	<i>Lanice conchilega</i> Occasional	<i>Lanice conchilega</i> Occasional	<i>Amphiura filiformis</i> Abundant, <i>Philine aperta</i> Abundant, <i>Sagartiogeton undatus</i> Frequent	Dive
IE000470_T162	71427	326159	71694	326101	<i>Lanice conchilega</i> Occasional	<i>Lanice conchilega</i> Occasional	<i>Amphiura filiformis</i> Abundant and <i>Sagartiogeton undatus</i> Abundant	Dive
IE000470_T162.1	71694	326101	End Point	End Point	<i>Lanice conchilega</i> Abundant	<i>Lanice conchilega</i> Abundant		Dive
IE000470_T163	71967	325374	71728	325258	<i>Lanice conchilega</i> Occasional	<i>Lanice conchilega</i> Occasional	Muddy sand with <i>Ensis ensis</i> Frequent and <i>Philine aperta</i> Frequent	Dive
IE000470_T163.1	71728	325258	End Point	End Point	<i>Lanice conchilega</i> Occasional	<i>Lanice conchilega</i> Occasional		Dive
IE000470_T164	69252	325498	68695	325549	<i>Lanice conchilega</i> Occasional	<i>Lanice conchilega</i> Occasional	<i>Sagartiogeton undatus</i> Rare	Dive
IE000470_T164.1	68695	325549	End Point	End Point	<i>Serpula vermicularis</i> Rare	<i>Serpula vermicularis</i> Rare	<i>Serpula vermicularis</i> Very Rare	Dive
IE000470_T165	72792	328021	End Point	End Point	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	Stills photography and video recorded at this position	Dive
IE000470_T166	71733	327850	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	Stills photography and video recorded at this position	Dive
IE000470_T167	71252	328968	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	Stills photography and video recorded at this position	Dive
IE000470_T168	70710	327903	End Point	End Point	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	Stills photography and video recorded at this position	Dive
IE000470_T169	69993	329259	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	Stills photography and video recorded at this position	Dive
IE000470_T170	65372	324473	End Point	End Point	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Dive
IE000470_T171	65365	324435	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	Stills photography and video recorded at this position	Dive
IE002283_T1	169762	415856	169777	415867	Sand	Other		Scope
IE002283_T1.1	169777	415867	169811	415873	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	Dense bed of <i>Zostera marina</i>	Scope
IE002283_T1.2	169811	415873	169847	415875	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.3	169847	415875	169906	415878	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.4	169906	415878	169938	415885	Sand	Other		Scope
IE002283_T1.5	169938	415885	169948	415870	Sand	Other		Scope
IE002283_T1.6	169948	415870	169938	415860	Broken shell	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002283_T1.7	169938	415860	169931	415851	Sand	Other		Scope
IE002283_T1.8	169931	415851	169912	415830	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	Dense bed of <i>Zostera marina</i>	Scope
IE002283_T1.9	169912	415830	169903	415823	Sand	Other		Scope
IE002283_T1.10	169903	415823	169867	415808	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.11	169867	415808	169836	415805	Sand	Other		Scope
IE002283_T1.12	169836	415805	169814	415839	Sand	Other		Scope
IE002283_T1.13	169814	415839	169750	415875	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.14	169750	415875	169716	415883	Sand	Other		Scope
IE002283_T1.15	169716	415883	169721	415891	Sand	Other		Scope
IE002283_T1.16	169721	415891	169739	415896	Rock	Other		Scope
IE002283_T1.17	169739	415896	169764	415909	Sand	Other		Scope
IE002283_T1.18	169764	415909	169777	415908	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.19	169777	415908	169816	415897	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.20	169816	415897	169822	415903	Rock	Other		Scope
IE002283_T1.21	169822	415903	169834	415918	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.22	169834	415918	169841	415944	Sand	Other		Scope
IE002283_T1.23	169841	415944	169821	415965	Sand	Other		Scope
IE002283_T1.24	169821	415965	169822	415933	Sand	Other		Scope
IE002283_T1.25	169822	415933	169826	415925	Sand	Other		Scope
IE002283_T1.26	169826	415925	169847	415893	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.27	169847	415893	169880	415861	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.28	169880	415861	169908	415822	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.29	169908	415822	169926	415805	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.30	169926	415805	169953	415770	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T1.31	169953	415770	169953	415746	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.32	169953	415746	169976	415733	Sand	Other		Scope
IE002283_T1.33	169976	415733	169991	415750	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.34	169991	415750	169990	415757	Sand	Other		Scope
IE002283_T1.35	169990	415757	169977	415776	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.36	169977	415776	169964	415805	Sand	Other		Scope
IE002283_T1.37	169964	415805	169949	415804	Sand	Other		Scope
IE002283_T1.38	169949	415804	169933	415806	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.39	169933	415806	169925	415844	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.40	169925	415844	169886	415866	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.41	169886	415866	169826	415891	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.42	169826	415891	169772	415912	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.43	169772	415912	169750	415904	Sand	Other		Scope
IE002283_T1.44	169750	415904	169754	415887	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.45	169754	415887	169786	415860	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T1.46	169786	415860	169832	415842	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.47	169832	415842	169849	415843	Sand	Other		Scope
IE002283_T1.48	169849	415843	169875	415843	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T1.49	169875	415843	169935	415838	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T1.50	169935	415838	169944	415832	Sand	Other		Scope
IE002283_T1.51	169944	415832	169892	415804	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T1.52	169892	415804	169835	415812	Sand	Other		Scope
IE002283_T1.53	169835	415812	169791	415843	Sand	Other		Scope
IE002283_T1.54	169791	415843	169727	415879	Sand	Other		Scope
IE002283_T1.55	169727	415879	End Point	End Point	Sand	Other		Scope
IE002283_T2	169755	415746	169789	415707	Sand	Other		Scope
IE002283_T2.1	169789	415707	169809	415684	Sand	Other		Scope
IE002283_T2.2	169809	415684	169821	415668	<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
IE002283_T2.3	169821	415668	169830	415657	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T2.4	169830	415657	169838	415646	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T2.5	169838	415646	169860	415638	Sand	Other		Scope
IE002283_T2.6	169860	415638	169867	415640	Sand	Other		Scope
IE002283_T2.7	169867	415640	169887	415640	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T2.8	169887	415640	169905	415637	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002283_T2.9	169905	415637	169904	415620	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	Very patchy	Scope
IE002283_T2.10	169904	415620	169857	415625	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> boundary occurs 20m south of this point	Scope
IE002283_T2.11	169857	415625	169820	415650	Sand	Other		Scope
IE002283_T2.12	169820	415650	169813	415688	Sand	Other		Scope
IE002283_T2.13	169813	415688	169823	415713	Sand	Other		Scope
IE002283_T2.14	169823	415713	169840	415725	Sand	Other		Scope
IE002283_T2.15	169840	415725	169859	415716	Sand	Other		Scope
IE002283_T2.16	169859	415716	169895	415696	Sand	Other		Scope
IE002283_T2.17	169895	415696	169901	415702	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002283_T2.18	169901	415702	169921	415698	Sand	Other		Scope
IE002283_T2.19	169921	415698	169958	415659	Rock	Other		Scope
IE002283_T2.20	169958	415659	169945	415660	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002283_T2.21	169945	415660	169907	415658	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002283_T2.22	169907	415658	169872	415639	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002283_T2.23	169872	415639	169925	415619	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002283_T2.24	169925	415619	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T3	169954	415651	169977	415650	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T3.1	169977	415650	169987	415636	Sand	Other		Scope
IE002283_T3.2	169987	415636	169981	415626	Sand	Other		Scope
IE002283_T3.3	169981	415626	169955	415654	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T3.4	169955	415654	169911	415689	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T3.5	169911	415689	169883	415710	Sand	Other		Scope
IE002283_T3.6	169883	415710	169858	415672	Sand	Other		Scope
IE002283_T3.7	169858	415672	End Point	End Point	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T4	169807	415475	169858	415462	Sand	Other		Scope
IE002283_T4.1	169858	415462	169907	415454	Sand	Other		Scope
IE002283_T4.2	169907	415454	169979	415436	Sand	Other		Scope
IE002283_T4.3	169979	415436	169984	415431	Sand	Other	With shell	Scope
IE002283_T4.4	169984	415431	169997	415425	Rock	Other		Scope
IE002283_T4.5	169997	415425	170033	415422	Rock	Other		Scope
IE002283_T4.6	170033	415422	170078	415421	Sand	Other		Scope
IE002283_T4.7	170078	415421	170103	415416	Sand	Other		Scope
IE002283_T4.8	170103	415416	170160	415412	Sand	Other		Scope
IE002283_T4.9	170160	415412	170194	415426	Sand	Other		Scope
IE002283_T4.10	170194	415426	170238	415449	Sand	Other		Scope
IE002283_T4.11	170238	415449	End Point	End Point	Sand	Other		Scope
IE002283_T5	170083	415051	170072	415004	Sand	Other		Scope
IE002283_T5.1	170072	415004	170081	414993	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T5.2	170081	414993	170153	414945	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T5.3	170153	414945	170161	414947	Sand	Other		Scope
IE002283_T5.4	170161	414947	170177	414994	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T5.5	170177	414994	170143	415007	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T5.6	170143	415007	170107	415023	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T5.7	170107	415023	170139	415046	Sand	Other		Scope
IE002283_T5.8	170139	415046	170160	415011	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	With rocks	Scope
IE002283_T5.9	170160	415011	170162	415005	<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
IE002283_T5.10	170162	415005	170164	414979	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T5.11	170164	414979	170140	414950	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T5.12	170140	414950	170079	414938	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	The south west of the Bay is dominated by tufts of <i>Zostera marina</i>	Scope
IE002283_T5.13	170079	414938	170051	414970	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Very patchy	Scope
IE002283_T5.14	170051	414970	170036	415004	Sand	Other		Scope
IE002283_T5.15	170036	415004	End Point	End Point	Sand	Other		Scope
IE002283_T6	168302	416503	168286	416572	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T6.1	168286	416572	168277	416590	Rock	Other		Scope
IE002283_T6.2	168277	416590	168236	416584	Sand	Other		Scope
IE002283_T6.3	168236	416584	168225	416563	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T6.4	168225	416563	168217	416449	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T6.5	168217	416449	168204	416384	Sand	Other		Scope
IE002283_T6.6	168204	416384	168193	416304	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T6.7	168193	416304	168170	416305	Sand	Other		Scope
IE002283_T6.8	168170	416305	168156	416343	Sand	Other		Scope
IE002283_T6.9	168156	416343	168152	416371	Sand	Other		Scope
IE002283_T6.10	168152	416371	168153	416413	Sand	Other		Scope
IE002283_T6.11	168153	416413	168147	416547	Sand	Other		Scope
IE002283_T6.12	168147	416547	168143	416576	Sand	Other		Scope
IE002283_T6.13	168143	416576	168164	416598	Sand	Other		Scope
IE002283_T6.14	168164	416598	168174	416600	Rock	Other		Scope
IE002283_T6.15	168174	416600	168197	416596	Sand	Other		Scope
IE002283_T6.16	168197	416596	168278	416612	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T6.17	168278	416612	168315	416601	Rock	Other		Scope
IE002283_T6.18	168315	416601	168331	416596	Sand	Other		Scope
IE002283_T6.19	168331	416596	168339	416574	Rock	Other		Scope
IE002283_T6.20	168339	416574	168336	416567	Rock	Other		Scope
IE002283_T6.21	168336	416567	168324	416544	Sand	Other		Scope
IE002283_T6.22	168324	416544	168320	416539	Rock	Other		Scope
IE002283_T6.23	168320	416539	168310	416530	Sand	Other		Scope
IE002283_T6.24	168310	416530	168298	416511	Rock	Other		Scope
IE002283_T6.25	168298	416511	168296	416496	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T6.26	168296	416496	168284	416463	Sand	Other		Scope
IE002283_T6.27	168284	416463	168279	416400	Sand	Other		Scope
IE002283_T6.28	168279	416400	168261	416315	Sand	Other		Scope
IE002283_T6.29	168261	416315	168245	416289	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Small patches of <i>Zostera marina</i>	Scope
IE002283_T6.30	168245	416289	168216	416321	Sand	Other		Scope
IE002283_T6.31	168216	416321	168218	416378	Sand	Other		Scope
IE002283_T6.32	168218	416378	168225	416405	Sand	Other		Scope
IE002283_T6.33	168225	416405	168242	416438	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T6.34	168242	416438	168253	416452	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T6.35	168253	416452	168273	416471	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T6.36	168273	416471	168291	416498	Sand	Other		Scope
IE002283_T6.37	168291	416498	168285	416544	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T6.38	168285	416544	168266	416526	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T6.39	168266	416526	168263	416488	Rock	Other		Scope
IE002283_T6.40	168263	416488	168267	416471	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T6.41	168267	416471	168331	416466	Sand	Other		Scope
IE002283_T6.42	168331	416466	168384	416467	Sand	Other		Scope
IE002283_T6.43	168384	416467	168390	416466	Rock	Other		Scope
IE002283_T6.44	168390	416466	168429	416490	Sand	Other		Scope
IE002283_T6.45	168429	416490	168484	416504	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002283_T6.46	168484	416504	168499	416506	Sand	Other		Scope
IE002283_T6.47	168499	416506	168517	416509	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T6.48	168517	416509	End Point	End Point	Rock	Other		Scope
IE002283_T7	170343	413455	170384	413384	Sand	Other		Scope
IE002283_T7.1	170384	413384	170428	413352	Sand	Other		Scope
IE002283_T7.2	170428	413352	170480	413276	Sand	Other		Scope
IE002283_T7.3	170480	413276	170528	413268	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T7.4	170528	413268	170571	413270	Sand	Other		Scope
IE002283_T7.5	170571	413270	170602	413287	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T7.6	170602	413287	170617	413300	Sand	Other		Scope
IE002283_T7.7	170617	413300	170624	413313	Rock	Other		Scope
IE002283_T7.8	170624	413313	170627	413315	Sand	Other		Scope
IE002283_T7.9	170627	413315	170644	413327	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T7.10	170644	413327	170652	413334	Sand	Other		Scope
IE002283_T7.11	170652	413334	170675	413357	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T7.12	170675	413357	170687	413370	Sand	Other		Scope
IE002283_T7.13	170687	413370	170694	413384	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T7.14	170694	413384	170697	413400	Sand	Other		Scope
IE002283_T7.15	170697	413400	170697	413409	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T7.16	170697	413409	170699	413417	Gravel	Other		Scope
IE002283_T7.17	170699	413417	End Point	End Point	Rock	Other		Scope
IE002283_T8	170701	413355	170725	413347	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T8.1	170725	413347	170741	413351	Rock	Other		Scope
IE002283_T8.2	170741	413351	170788	413388	Sand	Other		Scope
IE002283_T8.3	170788	413388	170781	413412	Sand	Other		Scope
IE002283_T8.4	170781	413412	170757	413449	Sand	Other		Scope
IE002283_T8.5	170757	413449	170778	413501	Rock	Other		Scope
IE002283_T8.6	170778	413501	170804	413530	Sand	Other		Scope
IE002283_T8.7	170804	413530	170816	413550	Sand	Other		Scope
IE002283_T8.8	170816	413550	170771	413496	Sand	Other		Scope
IE002283_T8.9	170771	413496	170788	413464	Sand	Other		Scope
IE002283_T8.10	170788	413464	170854	413408	Sand	Other		Scope
IE002283_T8.11	170854	413408	170926	413383	Sand	Other		Scope
IE002283_T8.12	170926	413383	171015	413398	Sand	Other		Scope
IE002283_T8.13	171015	413398	171051	413416	Sand	Other		Scope
IE002283_T8.14	171051	413416	171086	413461	Sand	Other		Scope
IE002283_T8.15	171086	413461	End Point	End Point	Sand	Other		Scope
IE002283_T9	170908	413371	170875	413357	Sand	Other		Scope
IE002283_T9.1	170875	413357	170756	413316	Sand	Other		Scope
IE002283_T9.2	170756	413316	170748	413314	Sand	Other		Scope
IE002283_T9.3	170748	413314	170742	413320	Sand	Other		Scope
IE002283_T9.4	170742	413320	170720	413300	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002283_T9.5	170720	413300	End Point	End Point	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10	166658	413904	166682	413907	Sand	Other		Scope
IE002283_T10.1	166682	413907	166720	413872	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T10.2	166720	413872	166744	413845	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Boat moorings present	Scope
IE002283_T10.3	166744	413845	166825	413788	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.4	166825	413788	166883	413760	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T10.5	166883	413760	166924	413720	Sand	Other		Scope
IE002283_T10.6	166924	413720	166885	413682	Sand	Other		Scope
IE002283_T10.7	166885	413682	166816	413713	Sand	Other		Scope
IE002283_T10.8	166816	413713	166814	413735	<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
IE002283_T10.9	166814	413735	166746	413802	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.10	166746	413802	166716	413837	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.11	166716	413837	166701	413855	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T10.12	166701	413855	166663	413885	Sand	Other		Scope
IE002283_T10.13	166663	413885	166657	413899	Sand	Other		Scope
IE002283_T10.14	166657	413899	166691	413930	Sand	Other		Scope
IE002283_T10.15	166691	413930	166734	413913	Sand	Other		Scope
IE002283_T10.16	166734	413913	166771	413874	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.17	166771	413874	166848	413829	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	Boat moorings present	Scope
IE002283_T10.18	166848	413829	166903	413794	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.19	166903	413794	166942	413772	Sand	Other		Scope
IE002283_T10.20	166942	413772	166958	413839	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T10.21	166958	413839	166957	413936	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.22	166957	413936	166967	414064	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.23	166967	414064	166950	414069	Rock	Other		Scope
IE002283_T10.24	166950	414069	166889	414019	Sand	Other		Scope
IE002283_T10.25	166889	414019	166797	413941	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.26	166797	413941	166749	413900	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.27	166749	413900	166805	413926	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T10.28	166805	413926	166840	413879	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.29	166840	413879	166873	413855	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.30	166873	413855	166899	413838	Sand	Other		Scope
IE002283_T10.31	166899	413838	167020	413765	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.32	167020	413765	167070	413817	Rock	Other		Scope
IE002283_T10.33	167070	413817	167095	414010	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T10.34	167095	414010	End Point	End Point	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T11	168459	416420	168630	416419	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Dive
IE002283_T11.1	168630	416419	End Point	End Point	Kelp	Other		Dive
IE002283_T12	168648	416292	168614	416295	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	Very rare	Dive
IE002283_T12.1	168614	416295	End Point	End Point	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Dive
IE002283_T13	168588	416179	168674	416157	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Dive
IE002283_T13.1	168674	416157	End Point	End Point	Sand	Other		Dive
IE002283_T14	168627	415983	168628	415937	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002283_T14.1	168628	415937	168663	415871	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002283_T14.2	168663	415871	End Point	End Point	Sand	Other		Dive
IE002283_T15	168315	415978	168391	416104	Sand	Other	Rippled sand	Dive
IE002283_T15.1	168391	416104	End Point	End Point	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE002283_T16	168486	416034	168482	416090	Sand	Other	Boundary of reef and sand	Dive
IE002283_T16.1	168482	416090	End Point	End Point	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002283_T17	168371	416278	168305	416228	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Dive
IE002283_T17.1	168305	416228	End Point	End Point	Rock	Other		Dive
IE002283_T18	168357	416377	168198	416386	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Dive
IE002283_T18.1	168198	416386	End Point	End Point	Cobble	Other	With macroalgae	Dive
IE002283_T19	167148	413879	167141	413923	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T19.1	167141	413923	167156	413992	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.2	167156	413992	167170	414026	Sand	Other		Scope
IE002283_T19.3	167170	414026	167229	414028	Sand	Other		Scope
IE002283_T19.4	167229	414028	167229	413998	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With kelp	Scope
IE002283_T19.5	167229	413998	167224	413958	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.6	167224	413958	167213	413913	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.7	167213	413913	167195	413851	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.8	167195	413851	167168	413768	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002283_T19.9	167168	413768	167165	413737	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.10	167165	413737	167199	413693	Sand	Other		Scope
IE002283_T19.11	167199	413693	167289	413707	Sand	Other		Scope
IE002283_T19.12	167289	413707	167337	413772	Sand	Other		Scope
IE002283_T19.13	167337	413772	167336	413843	Sand	Other		Scope
IE002283_T19.14	167336	413843	167356	413935	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T19.15	167356	413935	167367	413966	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.16	167367	413966	167431	413921	Kelp	Other		Scope
IE002283_T19.17	167431	413921	167472	413913	Kelp	Other		Scope
IE002283_T19.18	167472	413913	167491	413870	Kelp	Other		Scope
IE002283_T19.19	167491	413870	167487	413823	Sand	Other		Scope
IE002283_T19.20	167487	413823	167476	413783	Sand	Other		Scope
IE002283_T19.21	167476	413783	167451	413727	Sand	Other		Scope
IE002283_T19.22	167451	413727	167407	413664	Sand	Other		Scope
IE002283_T19.23	167407	413664	167351	413612	Sand	Other		Scope
IE002283_T19.24	167351	413612	167299	413620	Sand	Other		Scope
IE002283_T19.25	167299	413620	167241	413627	Sand	Other		Scope
IE002283_T19.26	167241	413627	167171	413630	Sand	Other		Scope
IE002283_T19.27	167171	413630	167069	413650	Sand	Other		Scope
IE002283_T19.28	167069	413650	167003	413667	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T19.29	167003	413667	166970	413678	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.30	166970	413678	166917	413687	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With broken shell	Scope
IE002283_T19.31	166917	413687	166826	413723	Gravel	Other	With broken shell	Scope
IE002283_T19.32	166826	413723	166802	413728	Sand	Other	With broken shell	Scope
IE002283_T19.33	166802	413728	166795	413751	Kelp	Other	With broken shell	Scope
IE002283_T19.34	166795	413751	166796	413766	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T19.35	166796	413766	166796	413780	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.36	166796	413780	166795	413794	Sand	Other		Scope
IE002283_T19.37	166795	413794	166805	413806	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002283_T19.38	166805	413806	166820	413807	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.39	166820	413807	166865	413803	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.40	166865	413803	166909	413781	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.41	166909	413781	166937	413773	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.42	166937	413773	166970	413763	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.43	166970	413763	167013	413748	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T19.44	167013	413748	167036	413739	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T19.45	167036	413739	167059	413734	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T19.46	167059	413734	167084	413727	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T19.47	167084	413727	167133	413713	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T19.48	167133	413713	167165	413706	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T19.49	167165	413706	End Point	End Point	Sand	Other		Scope
IE002283_T20	168300	413037	168362	412921	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> in bands with macroalgae	Scope
IE002283_T20.1	168362	412921	168374	412907	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.2	168374	412907	168408	412879	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.3	168408	412879	168463	412833	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With broken shell	Scope
IE002283_T20.4	168463	412833	168493	412803	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With macroalgae	Scope
IE002283_T20.5	168493	412803	168509	412779	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.6	168509	412779	168527	412760	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T20.7	168527	412760	168541	412746	Sand	Other		Scope
IE002283_T20.8	168541	412746	168584	412711	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.9	168584	412711	168607	412688	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002283_T20.10	168607	412688	168626	412670	<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
IE002283_T20.11	168626	412670	168642	412656	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T20.12	168642	412656	168678	412645	Sand	Other		Scope
IE002283_T20.13	168678	412645	168695	412681	Sand	Other		Scope
IE002283_T20.14	168695	412681	168699	412693	Sand	Other		Scope
IE002283_T20.15	168699	412693	168713	412703	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002283_T20.16	168713	412703	168736	412715	Sand	Other		Scope
IE002283_T20.17	168736	412715	168734	412727	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.18	168734	412727	168714	412739	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.19	168714	412739	168690	412751	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T20.20	168690	412751	168632	412776	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.21	168632	412776	168596	412799	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.22	168596	412799	168562	412828	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.23	168562	412828	168485	412911	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With macroalgae	Scope
IE002283_T20.24	168485	412911	168436	412951	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.25	168436	412951	168424	412959	Sand	Other		Scope
IE002283_T20.26	168424	412959	168404	412978	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.27	168404	412978	168387	412998	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T20.28	168387	412998	168342	413040	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.29	168342	413040	168304	413084	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.30	168304	413084	168274	413111	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002283_T20.31	168274	413111	168299	413158	Sand	Other		Scope
IE002283_T20.32	168299	413158	168422	413202	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.33	168422	413202	168459	413153	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.34	168459	413153	168541	413054	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T20.35	168541	413054	168641	412929	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T20.36	168641	412929	168735	412815	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.37	168735	412815	168845	412751	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T20.38	168845	412751	168881	412805	Sand	Other		Scope
IE002283_T20.39	168881	412805	168860	412846	Sand	Other		Scope
IE002283_T20.40	168860	412846	168833	412868	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.41	168833	412868	168783	412906	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T20.42	168783	412906	168715	412976	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.43	168715	412976	168650	413052	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.44	168650	413052	168578	413153	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T20.45	168578	413153	168530	413187	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T20.46	168530	413187	168490	413211	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T20.47	168490	413211	168458	413238	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.48	168458	413238	168446	413264	Sand	Other		Scope
IE002283_T20.49	168446	413264	168473	413287	Sand	Other		Scope
IE002283_T20.50	168473	413287	168507	413331	Sand	Other		Scope
IE002283_T20.51	168507	413331	168533	413327	Sand	Other		Scope
IE002283_T20.52	168533	413327	168612	413236	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Very patchy	Scope
IE002283_T20.53	168612	413236	168635	413208	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.54	168635	413208	168664	413175	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.55	168664	413175	168726	413114	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T20.56	168726	413114	168792	413061	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T20.57	168792	413061	168856	413006	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Very patchy	Scope
IE002283_T20.58	168856	413006	168933	412932	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.59	168933	412932	168962	412905	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.60	168962	412905	168985	412884	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T20.61	168985	412884	169003	412867	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.62	169003	412867	169035	412859	Sand	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002283_T20.63	169035	412859	169083	412922	Sand	Other	With shell	Scope
IE002283_T20.64	169083	412922	169072	412948	Sand	Other		Scope
IE002283_T20.65	169072	412948	169030	412974	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.66	169030	412974	168927	413044	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.67	168927	413044	168743	413214	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.68	168743	413214	168672	413323	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T20.69	168672	413323	168652	413371	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T20.70	168652	413371	168678	413417	Sand	Other		Scope
IE002283_T20.71	168678	413417	168683	413428	Rock	Other		Scope
IE002283_T20.72	168683	413428	168769	413336	Sand	Other		Scope
IE002283_T20.73	168769	413336	168802	413308	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T20.74	168802	413308	168896	413227	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.75	168896	413227	168950	413185	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> in clumps	Scope
IE002283_T20.76	168950	413185	169130	413001	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T20.77	169130	413001	169168	412964	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T20.78	169168	412964	169202	412939	Rock	Other		Scope
IE002283_T20.79	169202	412939	169186	412934	Sand	Other		Scope
IE002283_T20.80	169186	412934	169182	412940	Rock	Other		Scope
IE002283_T20.81	169182	412940	169154	412992	Sand	Other		Scope
IE002283_T20.82	169154	412992	169134	413073	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> in clumps	Scope
IE002283_T20.83	169134	413073	169093	413122	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> in clumps	Scope
IE002283_T20.84	169093	413122	169056	413158	Sand	Other		Scope
IE002283_T20.85	169056	413158	168882	413314	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T20.86	168882	413314	168851	413398	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T20.87	168851	413398	168831	413457	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in rare clumps	Scope
IE002283_T20.88	168831	413457	End Point	End Point	Sand	Other		Scope
IE002283_T21	168181	413085	168223	412953	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy in clumps	Scope
IE002283_T21.1	168223	412953	168316	412854	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T21.2	168316	412854	168335	412813	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T21.3	168335	412813	168343	412799	Sand	Other		Scope
IE002283_T21.4	168343	412799	168405	412720	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T21.5	168405	412720	168452	412694	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T21.6	168452	412694	168594	412597	Sand	Other		Scope
IE002283_T21.7	168594	412597	168650	412556	Sand	Other		Scope
IE002283_T21.8	168650	412556	168635	412539	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T21.9	168635	412539	168607	412519	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T21.10	168607	412519	168612	412496	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T21.11	168612	412496	168664	412519	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Very dense	Scope
IE002283_T21.12	168664	412519	168769	412576	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	With rocks	Scope
IE002283_T21.13	168769	412576	168787	412572	Sand	Other		Scope
IE002283_T21.14	168787	412572	168822	412561	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T21.15	168822	412561	168841	412552	Sand	Other		Scope
IE002283_T21.16	168841	412552	168864	412546	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T21.17	168864	412546	168891	412549	Sand	Other		Scope
IE002283_T21.18	168891	412549	168912	412558	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T21.19	168912	412558	168921	412568	Sand	Other		Scope
IE002283_T21.20	168921	412568	169001	412583	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T21.21	169001	412583	168975	412656	Sand	Other		Scope
IE002283_T21.22	168975	412656	169015	412667	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T21.23	169015	412667	169047	412569	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T21.24	169047	412569	169101	412437	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T21.25	169101	412437	169225	412183	<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
IE002283_T21.26	169225	412183	169243	412148	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> in clumps	Scope
IE002283_T21.27	169243	412148	169265	412108	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T21.28	169265	412108	169260	412067	Sand	Other		Scope
IE002283_T21.29	169260	412067	169187	412019	Sand	Other		Scope
IE002283_T21.30	169187	412019	169146	412044	Sand	Other		Scope
IE002283_T21.31	169146	412044	169073	412193	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T21.32	169073	412193	169004	412326	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T21.33	169004	412326	168903	412509	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T21.34	168903	412509	168882	412544	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T21.35	168882	412544	168843	412569	Sand	Other		Scope
IE002283_T21.36	168843	412569	End Point	End Point	Sand	Other		Scope
IE002283_T22	168768	412575	168755	412564	Sand	Other		Scope
IE002283_T22.1	168755	412564	168770	412511	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T22.2	168770	412511	168791	412396	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Dense bed of <i>Zostera marina</i>	Scope
IE002283_T22.3	168791	412396	168796	412346	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T22.4	168796	412346	168782	412260	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T22.5	168782	412260	168796	412212	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T22.6	168796	412212	168794	412145	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T22.7	168794	412145	168793	412085	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T22.8	168793	412085	168849	411986	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	With kelp	Scope
IE002283_T22.9	168849	411986	168949	412048	Sand	Other		Scope
IE002283_T22.10	168949	412048	168946	412165	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T22.11	168946	412165	168891	412327	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T22.12	168891	412327	168866	412423	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T22.13	168866	412423	168919	412492	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T22.14	168919	412492	169014	412551	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T22.15	169014	412551	169084	412612	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T22.16	169084	412612	169135	412661	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T22.17	169135	412661	169306	412590	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T22.18	169306	412590	169351	412505	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> in clumps	Scope
IE002283_T22.19	169351	412505	169439	412419	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T22.20	169439	412419	End Point	End Point	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T23	171751	412851	171773	412897	Sand	Other	With gravel <i>Sargassum muticum</i> present	Dive
IE002283_T23.1	171773	412897	171870	412901	Cobble	Other	Sparse Maërl nodules, less than 1 percent cover on gravel	Dive
IE002283_T23.2	171870	412901	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	1 percent cover of of 40 percent living and 60 percent dead Maërl	Dive
IE002283_T24	173631	411523	173591	411489	Sand	Other	With macroalgae	Scope
IE002283_T24.1	173591	411489	173561	411476	Sand	Other	With macroalgae	Scope
IE002283_T24.2	173561	411476	173535	411509	Sand	Other	With macroalgae	Scope
IE002283_T24.3	173535	411509	End Point	End Point	Sand	Other	With macroalgae	Scope
IE002283_T25	173623	411127	173685	411139	Sand	Other	With patches of macroalgae	Scope
IE002283_T25.1	173685	411139	173751	411147	Sand	Other	With macroalgae	Scope
IE002283_T25.2	173751	411147	173812	411180	Sand	Other		Scope
IE002283_T25.3	173812	411180	173830	411189	Sand	Other		Scope
IE002283_T25.4	173830	411189	End Point	End Point	Sand	Other	Muddy sand	Scope
IE002283_T26	173223	410497	173253	410511	Sand	Other	With macroalgae	Scope
IE002283_T26.1	173253	410511	173289	410544	Sand	Other	With macroalgae	Scope
IE002283_T26.2	173289	410544	173335	410582	Sand	Other	Muddy sand	Scope
IE002283_T26.3	173335	410582	End Point	End Point	Sand	Other		Scope
IE002283_T27	174024	410986	174097	410986	Sand	Other	With macroalgae	Scope
IE002283_T27.1	174097	410986	174146	411000	Mud	Other	With macroalgae and cobble	Scope
IE002283_T27.2	174146	411000	174185	410993	Sand	Other	With sandy mud and gravel	Scope
IE002283_T27.3	174185	410993	174199	410984	Sand	Other	With macroalgae	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002283_T27.4	174199	410984	End Point	End Point	Sand	Other	With macroalgae	Scope
IE002283_T28	174082	411268	174113	411283	Sand	Other	With macroalgae	Scope
IE002283_T28.1	174113	411283	174140	411304	Sand	Other	With macroalgae	Scope
IE002283_T28.2	174140	411304	End Point	End Point	Sand	Other	With macroalgae	Scope
IE002283_T29	174391	411572	174447	411618	Sand	Other		Scope
IE002283_T29.1	174447	411618	174500	411648	Sand	Other		Scope
IE002283_T29.2	174500	411648	174557	411663	Sand	Other		Scope
IE002283_T29.3	174557	411663	174657	411683	Sand	Other		Scope
IE002283_T29.4	174657	411683	174712	411695	Sand	Other	With macroalgae	Scope
IE002283_T29.5	174712	411695	174761	411717	Sand	Other	With macroalgae	Scope
IE002283_T29.6	174761	411717	174769	411741	Sand	Other	With macroalgae	Scope
IE002283_T29.7	174769	411741	174758	411774	Sand	Other	With macroalgae	Scope
IE002283_T29.8	174758	411774	End Point	End Point	Sand	Other	With macroalgae	Scope
IE002283_T30	169407	412429	169516	412145	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy in clumps	Scope
IE002283_T30.1	169516	412145	169566	412043	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T30.2	169566	412043	169614	411977	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T30.3	169614	411977	169686	412013	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T30.4	169686	412013	169681	412060	Rock	Other		Scope
IE002283_T30.5	169681	412060	169631	412145	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002283_T30.6	169631	412145	169569	412257	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T30.7	169569	412257	169521	412357	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	Bands of <i>Zostera marina</i> and sand	Scope
IE002283_T30.8	169521	412357	169430	412578	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T30.9	169430	412578	169365	412709	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T30.10	169365	412709	169455	412769	Sand	Other		Scope
IE002283_T30.11	169455	412769	169473	412749	Sand	Other		Scope
IE002283_T30.12	169473	412749	169564	412494	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002283_T30.13	169564	412494	169628	412297	Sand	Other		Scope
IE002283_T30.14	169628	412297	169658	412162	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T30.15	169658	412162	169757	412006	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T30.16	169757	412006	169816	412010	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T30.17	169816	412010	169866	412105	Kelp	Other		Scope
IE002283_T30.18	169866	412105	169784	412275	Sand	Other		Scope
IE002283_T30.19	169784	412275	169646	412517	Sand	Other		Scope
IE002283_T30.20	169646	412517	169634	412567	Sand	Other		Scope
IE002283_T30.21	169634	412567	169615	412619	Kelp	Other		Scope
IE002283_T30.22	169615	412619	169514	412743	Sand	Other		Scope
IE002283_T30.23	169514	412743	169486	412796	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T30.24	169486	412796	169473	412865	Sand	Other		Scope
IE002283_T30.25	169473	412865	169478	412871	Rock	Other		Scope
IE002283_T30.26	169478	412871	169548	412855	Sand	Other		Scope
IE002283_T30.27	169548	412855	169614	412864	Sand	Other		Scope
IE002283_T30.28	169614	412864	169724	412725	Sand	Other		Scope
IE002283_T30.29	169724	412725	169791	412552	Sand	Other		Scope
IE002283_T30.30	169791	412552	169786	412509	Rock	Other		Scope
IE002283_T30.31	169786	412509	169968	412147	Sand	Other		Scope
IE002283_T30.32	169968	412147	170023	412131	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T30.33	170023	412131	170057	412115	Sand	Other		Scope
IE002283_T30.34	170057	412115	170103	412102	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T30.35	170103	412102	170146	412053	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T30.36	170146	412053	170057	412061	Sand	Other		Scope
IE002283_T30.37	170057	412061	170087	412096	Sand	Other		Scope
IE002283_T30.38	170087	412096	170151	412133	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002283_T30.39	170151	412133	170180	412165	Sand	Other		Scope
IE002283_T30.40	170180	412165	170224	412299	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T30.41	170224	412299	170268	412280	Sand	Other		Scope
IE002283_T30.42	170268	412280	170260	412192	Sand	Other		Scope
IE002283_T30.43	170260	412192	170250	412123	Sand	Other		Scope
IE002283_T30.44	170250	412123	170174	412156	Sand	Other		Scope
IE002283_T30.45	170174	412156	170136	412173	Sand	Other		Scope
IE002283_T30.46	170136	412173	170087	412178	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T30.47	170087	412178	170062	412190	Sand	Other		Scope
IE002283_T30.48	170062	412190	170030	412198	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	<i>Zostera marina</i> in clumps	Scope
IE002283_T30.49	170030	412198	169993	412201	Sand	Other		Scope
IE002283_T30.50	169993	412201	170018	412235	Sand	Other		Scope
IE002283_T30.51	170018	412235	170025	412240	Sand	Other		Scope
IE002283_T30.52	170025	412240	170088	412305	Sand	Other		Scope
IE002283_T30.53	170088	412305	170127	412313	Sand	Other		Scope
IE002283_T30.54	170127	412313	170098	412259	Sand	Other		Scope
IE002283_T30.55	170098	412259	170109	412254	Sand	Other		Scope
IE002283_T30.56	170109	412254	170159	412216	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T30.57	170159	412216	170174	412202	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T30.58	170174	412202	170187	412189	Sand	Other		Scope
IE002283_T30.59	170187	412189	End Point	End Point	Sand	Other		Scope
IE002283_T31	170234	413115	170231	413224	Sand	Other		Scope
IE002283_T31.1	170231	413224	170275	413329	Sand	Other		Scope
IE002283_T31.2	170275	413329	170331	413437	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T31.3	170331	413437	170392	413492	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T31.4	170392	413492	170404	413561	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.5	170404	413561	170390	413669	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T31.6	170390	413669	170310	413713	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T31.7	170310	413713	170317	413681	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.8	170317	413681	170338	413726	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.9	170338	413726	170356	413763	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.10	170356	413763	170376	413751	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.11	170376	413751	170374	413729	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T31.12	170374	413729	170367	413707	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.13	170367	413707	170359	413685	Sand	Other		Scope
IE002283_T31.14	170359	413685	170352	413659	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T31.15	170352	413659	170370	413642	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.16	170370	413642	170406	413700	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.17	170406	413700	170418	413719	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T31.18	170418	413719	170426	413733	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.19	170426	413733	170454	413725	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T31.20	170454	413725	170452	413681	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.21	170452	413681	170443	413617	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T31.22	170443	413617	170438	413580	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T31.23	170438	413580	170453	413617	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.24	170453	413617	170458	413643	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T31.25	170458	413643	170478	413668	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.26	170478	413668	170497	413675	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T31.27	170497	413675	170515	413668	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T31.28	170515	413668	170533	413643	Sand	Other		Scope
IE002283_T31.29	170533	413643	170496	413598	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002283_T31.30	170496	413598	170479	413514	<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
IE002283_T31.31	170479	413514	170446	413362	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T31.32	170446	413362	170454	413259	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T31.33	170454	413259	170528	413218	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T31.34	170528	413218	170561	413256	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T31.35	170561	413256	170643	413355	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T31.36	170643	413355	170651	413347	Rock	Other		Scope
IE002283_T31.37	170651	413347	170661	413318	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T31.38	170661	413318	170698	413340	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T31.39	170698	413340	170703	413357	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T31.40	170703	413357	170701	413366	Sand	Other		Scope
IE002283_T31.41	170701	413366	170694	413296	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T31.42	170694	413296	170713	413277	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002283_T31.43	170713	413277	170746	413274	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T31.44	170746	413274	170767	413298	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002283_T31.45	170767	413298	170784	413319	Sand	Other		Scope
IE002283_T31.46	170784	413319	170808	413356	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002283_T31.47	170808	413356	170814	413411	Sand	Other		Scope
IE002283_T31.48	170814	413411	170809	413454	Sand	Other		Scope
IE002283_T31.49	170809	413454	170788	413458	Sand	Other		Scope
IE002283_T31.50	170788	413458	170771	413477	Sand	Other		Scope
IE002283_T31.51	170771	413477	End Point	End Point	Sand	Other		Scope
IE002283_T32	170450	413331	170220	413258	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> very rare in clumps	Dive
IE002283_T32.1	170220	413258	End Point	End Point	Sand	Other		Dive
IE002283_T33	170460	413235	170358	413210	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Dive
IE002283_T33.1	170358	413210	End Point	End Point	Sand	Other		Dive
IE002283_T34	170514	413129	170504	413109	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Dive
IE002283_T34.1	170504	413109	End Point	End Point	Sand	Other		Dive
IE002283_T35	170522	413174	170482	413115	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Dive
IE002283_T35.1	170482	413115	End Point	End Point	Sand	Other		Dive
IE002283_T36	170675	413215	170659	413197	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Dive
IE002283_T36.1	170659	413197	170746	413034	Sand	Other		Dive
IE002283_T36.2	170746	413034	End Point	End Point	Sand	Other	Sand in dunes	Dive
IE002283_T37	170777	413281	170765	413236	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Dive
IE002283_T37.1	170765	413236	End Point	End Point	Sand	Other		Dive
IE002283_T38	168965	411959	168958	411908	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	Very rare	Dive
IE002283_T38.1	168958	411908	End Point	End Point	Sand	Other	With macroalgae	Dive
IE002283_T39	169087	411910	169032	411930	Gravel	Other	With macroalgae	Dive
IE002283_T39.1	169032	411930	End Point	End Point	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002283_T40	169283	412124	169264	412126	Sand	Other	With gravel and and macroalgae	Dive
IE002283_T40.1	169264	412126	End Point	End Point	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Dive
IE002283_T41	169457	412100	End Point	End Point	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	Boundary of <i>Zostera marina</i>	Dive
IE002283_T42	169567	411917	169602	411807	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Dive
IE002283_T42.1	169602	411807	End Point	End Point	Sand	Other	With macroalgae	Dive
IE002283_T43	169708	411849	169800	411719	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002283_T43.1	169800	411719	End Point	End Point	Sand	Other		Dive
IE002283_T44	170988	415790	170994	415790	Rock	Other		Dive
IE002283_T44.1	170994	415790	End Point	End Point	Gravel	Other	With broken shell	Dive
IE002283_T45	171106	415529	End Point	End Point	Sand	Other	With cobble and gravel	Dive
IE002283_T46	171086	415613	End Point	End Point	Sand	Other	With broken shell	Dive
IE002283_T47	171031	415698	End Point	End Point	Cobble	Other		Dive
IE002283_T48	170966	415857	End Point	End Point	Sand	Other	Encrusting red algae and cobbles	Dive
IE002283_T49	170940	415931	End Point	End Point	Cobble	Other	With coarse sand	Dive



Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002283_T50	170913	415979	End Point	End Point	Sand	Other	With gravel	Dive
IE002283_T51	170903	416060	End Point	End Point	Sand	Other	With shell	Dive
IE002159_T1	212152	439299	212058	439237	Mud	Other		Scope
IE002159_T1.1	212058	439237	212000	439200	Sand	Other	Muddy sand	Scope
IE002159_T1.2	212000	439200	211821	439069	Sand	Other		Scope
IE002159_T1.3	211821	439069	211803	439050	Mud	Other		Scope
IE002159_T1.4	211803	439050	211777	439040	Mud	Other		Scope
IE002159_T1.5	211777	439040	211754	439061	Mud	Other		Scope
IE002159_T1.6	211754	439061	211772	439125	Mud	Other		Scope
IE002159_T1.7	211772	439125	211960	439362	Mud	Other		Scope
IE002159_T1.8	211960	439362	212030	439393	Mud	Other	With macroalgae	Scope
IE002159_T1.9	212030	439393	212074	439373	Mud	Other	With macroalgae	Scope
IE002159_T1.10	212074	439373	212083	439311	Mud	Other	With macroalgae	Scope
IE002159_T1.11	212083	439311	212028	439164	Mud	Other	With macroalgae	Scope
IE002159_T1.12	212028	439164	211990	439070	Mud	Other	With macroalgae	Scope
IE002159_T1.13	211990	439070	212002	439040	Mud	Other		Scope
IE002159_T1.14	212002	439040	212040	439049	Mud	Other		Scope
IE002159_T1.15	212040	439049	212079	439045	Mud	Other		Scope
IE002159_T1.16	212079	439045	212184	439074	Mud	Other		Scope
IE002159_T1.17	212184	439074	212205	439082	Mud	Other		Scope
IE002159_T1.18	212205	439082	212253	439198	Sand	Other	With macroalgae	Scope
IE002159_T1.19	212253	439198	212274	439284	Mud	Other		Scope
IE002159_T1.20	212274	439284	End Point	End Point	Mud	Other		Scope
IE002159_T2	212067	438946	212084	438892	Mud	Other		Scope
IE002159_T2.1	212084	438892	212132	438865	Mud	Other		Scope
IE002159_T2.2	212132	438865	212188	438829	Mud	Other		Scope
IE002159_T2.3	212188	438829	212235	438789	Mud	Other		Scope
IE002159_T2.4	212235	438789	212278	438766	Mud	Other		Scope
IE002159_T2.5	212278	438766	212344	438744	Mud	Other		Scope
IE002159_T2.6	212344	438744	212470	438748	Mud	Other	With macroalgae	Scope
IE002159_T2.7	212470	438748	212531	438724	Mud	Other	With macroalgae	Scope
IE002159_T2.8	212531	438724	212613	438680	Mud	Other		Scope
IE002159_T2.9	212613	438680	212664	438594	Mud	Other	With macroalgae	Scope
IE002159_T2.10	212664	438594	212674	438460	Mud	Other	With macroalgae	Scope
IE002159_T2.11	212674	438460	212685	438403	Mud	Other		Scope
IE002159_T2.12	212685	438403	212702	438349	Mud	Other	With macroalgae	Scope
IE002159_T2.13	212702	438349	212716	438294	Mud	Other	With macroalgae	Scope
IE002159_T2.14	212716	438294	212718	438259	Mud	Other		Scope
IE002159_T2.15	212718	438259	212717	438207	Mud	Other	With macroalgae	Scope
IE002159_T2.16	212717	438207	212735	438184	Mud	Other	With macroalgae	Scope
IE002159_T2.17	212735	438184	212716	438143	Mud	Other	With macroalgae	Scope
IE002159_T2.18	212716	438143	212715	438105	Mud	Other	With macroalgae	Scope
IE002159_T2.19	212715	438105	212690	438051	Mud	Other	With macroalgae	Scope
IE002159_T2.20	212690	438051	212650	438029	Mud	Other		Scope
IE002159_T2.21	212650	438029	212614	438059	Mud	Other		Scope
IE002159_T2.22	212614	438059	212588	438084	Mud	Other	With macroalgae	Scope
IE002159_T2.23	212588	438084	212553	438114	Mud	Other	With macroalgae	Scope
IE002159_T2.24	212553	438114	212519	438149	Mud	Other	With macroalgae	Scope
IE002159_T2.25	212519	438149	212510	438171	Mud	Other	With macroalgae	Scope
IE002159_T2.26	212510	438171	212477	438229	Mud	Other	With macroalgae	Scope
IE002159_T2.27	212477	438229	212461	438312	Mud	Other	With macroalgae	Scope
IE002159_T2.28	212461	438312	212427	438373	Mud	Other	With macroalgae	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T2.29	212427	438373	212383	438415	Mud	Other		Scope
IE002159_T2.30	212383	438415	212343	438500	Mud	Other		Scope
IE002159_T2.31	212343	438500	212380	438552	Mud	Other	With macroalgae	Scope
IE002159_T2.32	212380	438552	212455	438563	Mud	Other	With macroalgae	Scope
IE002159_T2.33	212455	438563	212561	438564	Mud	Other	With macroalgae	Scope
IE002159_T2.34	212561	438564	212662	438554	Mud	Other	With macroalgae	Scope
IE002159_T2.35	212662	438554	212729	438536	Mud	Other	With macroalgae	Scope
IE002159_T2.36	212729	438536	212908	438537	Mud	Other		Scope
IE002159_T2.37	212908	438537	212993	438546	Mud	Other		Scope
IE002159_T2.38	212993	438546	213038	438556	Mud	Other		Scope
IE002159_T2.39	213038	438556	213118	438565	Mud	Other	With macroalgae, broken shell and cobble	Scope
IE002159_T2.40	213118	438565	213174	438607	Sand	Other	With broken shell	Scope
IE002159_T2.41	213174	438607	213212	438641	Sand	Other	With gravel	Scope
IE002159_T2.42	213212	438641	213247	438688	Sand	Other	With gravel and macroalgae	Scope
IE002159_T2.43	213247	438688	213315	438746	Sand	Other	With gravel and macroalgae	Scope
IE002159_T2.44	213315	438746	213435	438795	Sand	Other	Very shallow	Scope
IE002159_T2.45	213435	438795	213526	438826	Sand	Other		Scope
IE002159_T2.46	213526	438826	213558	438838	Sand	Other	With rocks	Scope
IE002159_T2.47	213558	438838	213638	438857	Sand	Other	With gravel and macroalgae	Scope
IE002159_T2.48	213638	438857	213730	438904	Sand	Other	With gravel and macroalgae	Scope
IE002159_T2.49	213730	438904	213788	438943	Sand	Other	With gravel and macroalgae	Scope
IE002159_T2.50	213788	438943	End Point	End Point	Sand	Other	With macroalgae	Scope
IE002159_T3	213855	439625	213896	439674	Mud	Other		Scope
IE002159_T3.1	213896	439674	213937	439700	Mud	Other	With macroalgae including <i>Sargassum muticum</i>	Scope
IE002159_T3.2	213937	439700	213951	439725	Mud	Other	With macroalgae	Scope
IE002159_T3.3	213951	439725	213956	439746	Mud	Other	With macroalgae	Scope
IE002159_T3.4	213956	439746	213907	439746	Mud	Other	With rocks	Scope
IE002159_T3.5	213907	439746	213844	439751	Mud	Other		Scope
IE002159_T3.6	213844	439751	213818	439722	Mud	Other	With macroalgae	Scope
IE002159_T3.7	213818	439722	213797	439696	Mud	Other		Scope
IE002159_T3.8	213797	439696	213777	439674	Mud	Other		Scope
IE002159_T3.9	213777	439674	213767	439662	Mud	Other		Scope
IE002159_T3.10	213767	439662	213741	439647	Sand	Other	With macroalgae	Scope
IE002159_T3.11	213741	439647	213731	439624	Mud	Other		Scope
IE002159_T3.12	213731	439624	213700	439603	Mud	Other		Scope
IE002159_T3.13	213700	439603	213660	439569	Mud	Other	With macroalgae	Scope
IE002159_T3.14	213660	439569	213619	439542	Mud	Other		Scope
IE002159_T3.15	213619	439542	End Point	End Point	Mud	Other		Scope
IE002159_T4	213387	439607	End Point	End Point	Rock	Other		Scope
IE002159_T5	213189	439491	213145	439506	Rock	Other	With macroalgae	Scope
IE002159_T5.1	213145	439506	213133	439507	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T5.2	213133	439507	213120	439508	Kelp	Other		Scope
IE002159_T5.3	213120	439508	213078	439502	<i>Zostera marina</i> Abundant Patchy and Maërl	<i>Zostera marina</i> Abundant Patchy and Maërl Living and Dead		Scope
IE002159_T5.4	213078	439502	213029	439483	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	With macroalgae	Scope
IE002159_T5.5	213029	439483	212997	439463	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T5.6	212997	439463	212981	439454	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002159_T5.7	212981	439454	212932	439456	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With macroalgae	Scope
IE002159_T5.8	212932	439456	212911	439417	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE002159_T5.9	212911	439417	212892	439398	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T5.10	212892	439398	212859	439390	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With kelp	Scope
IE002159_T5.11	212859	439390	212844	439396	Kelp	Other		Scope
IE002159_T5.12	212844	439396	212819	439436	<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
IE002159_T5.13	212819	439436	212792	439457	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T5.14	212792	439457	212763	439483	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T5.15	212763	439483	212759	439501	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> in clumps	Scope
IE002159_T5.16	212759	439501	212752	439528	Sand	Other		Scope
IE002159_T5.17	212752	439528	212793	439543	Sand	Other		Scope
IE002159_T5.18	212793	439543	212836	439557	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> in clumps	Scope
IE002159_T5.19	212836	439557	212857	439607	Sand	Other	With macroalgae	Scope
IE002159_T5.20	212857	439607	212855	439721	Sand	Other	With macroalgae	Scope
IE002159_T5.21	212855	439721	212777	439712	Sand	Other	With macroalgae	Scope
IE002159_T5.22	212777	439712	212721	439626	Mud	Other	With macroalgae	Scope
IE002159_T5.23	212721	439626	212706	439542	Mud	Other		Scope
IE002159_T5.24	212706	439542	212705	439384	Sand	Other	Muddy sand	Scope
IE002159_T5.25	212705	439384	212746	439313	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002159_T5.26	212746	439313	213014	439359	Sand	Other		Scope
IE002159_T5.27	213014	439359	End Point	End Point	Sand	Other	With macroalgae	Scope
IE002159_T6	214444	442678	214451	442669	Sand	Other		Scope
IE002159_T6.1	214451	442669	214458	442645	Sand	Other		Scope
IE002159_T6.2	214458	442645	214488	442647	Sand	Other		Scope
IE002159_T6.3	214488	442647	214524	442690	Sand	Other		Scope
IE002159_T6.4	214524	442690	214538	442710	Sand	Other		Scope
IE002159_T6.5	214538	442710	214573	442725	Sand	Other		Scope
IE002159_T6.6	214573	442725	214627	442760	Sand	Other		Scope
IE002159_T6.7	214627	442760	214609	442798	Sand	Other		Scope
IE002159_T6.8	214609	442798	214582	442798	Sand	Other		Scope
IE002159_T6.9	214582	442798	End Point	End Point	Sand	Other		Scope
IE002159_T7	212627	440690	212684	440757	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	Mixed sediments of gravel and sand	Scope
IE002159_T7.1	212684	440757	212701	440782	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T7.2	212701	440782	212723	440804	Sand	Other	With macroalgae	Scope
IE002159_T7.3	212723	440804	212752	440834	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T7.4	212752	440834	212778	440896	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> in clumps	Scope
IE002159_T7.5	212778	440896	212790	440918	Kelp	Other		Scope
IE002159_T7.6	212790	440918	212820	441008	Maërl Living and Dead	Maërl Living and Dead	Very thin veneer of 50 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T7.7	212820	441008	212856	441098	Maërl Living and Dead	Maërl Living and Dead	Very thin veneer of 60 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T7.8	212856	441098	212872	441134	Maërl Living and Dead	Maërl Living and Dead	Very thin veneer of 60 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T7.9	212872	441134	212889	441171	<i>Zostera marina</i> Frequent Patchy and Maërl Living and Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Living and Dead	Very thin veneer of 60 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T7.10	212889	441171	212910	441209	<i>Zostera marina</i> Frequent Patchy and Maërl Living and Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Living and Dead	40 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T7.11	212910	441209	212954	441256	Maërl Living and Dead	Maërl Living and Dead	40 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T7.12	212954	441256	212999	441313	Maërl Living and Dead	Maërl Living and Dead	10 percent cover of 50 percent living and 50 percent dead Maërl with gravel and algae	Scope
IE002159_T7.13	212999	441313	End Point	End Point	Sand	Other	With gravel, sand and macroalgae	Scope
IE002159_T8	212779	440804	212769	440757	Sand	Other	With Kelp	Scope
IE002159_T8.1	212769	440757	212759	440720	<i>Zostera marina</i> Abundant Patchy and Maërl Living and Dead	<i>Zostera marina</i> Abundant Patchy and Maërl Living and Dead	10 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T8.2	212759	440720	212756	440677	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	10 percent cover of dead Maërl	Scope
IE002159_T8.3	212756	440677	212742	440639	Sand	Other	With macroalgae	Scope
IE002159_T8.4	212742	440639	212729	440621	Maërl Dead	Maërl Dead	5 percent cover of dead Maërl	Scope
IE002159_T8.5	212729	440621	212702	440602	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	<i>Zostera marina Frequent Patchy and Maërl Dead</i>	20 percent cover of dead Maërl	Scope
IE002159_T8.6	212702	440602	212655	440566	<i>Zostera marina</i> Frequent Patchy and Maërl	<i>Zostera marina Frequent Patchy and Maërl Dead</i>	20 percent cover of dead Maërl	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
					Dead			
IE002159_T8.7	212655	440566	212621	440537	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	70 percent thin covering of dead Maërl	Scope
IE002159_T8.8	212621	440537	212586	440506	<i>Zostera marina</i> Rare and Maërl Dead	<i>Zostera marina</i> Rare and Maërl Dead	50 percent cover of dead Maërl	Scope
IE002159_T8.9	212586	440506	212540	440459	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	10 percent cover of dead Maërl	Scope
IE002159_T8.10	212540	440459	212520	440435	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	1 percent cover of dead Maërl	Scope
IE002159_T8.11	212520	440435	212496	440366	Sand	Other	With gravel and macroalgae	Scope
IE002159_T8.12	212496	440366	212467	440305	Sand	Other	With kelp	Scope
IE002159_T8.13	212467	440305	212451	440262	Sand	Other	With gravel and macroalgae	Scope
IE002159_T8.14	212451	440262	212461	440230	Sand	Other		Scope
IE002159_T8.15	212461	440230	212490	440243	Sand	Other	With gravel and macroalgae	Scope
IE002159_T8.16	212490	440243	212521	440247	Sand	Other	With gravel and macroalgae	Scope
IE002159_T8.17	212521	440247	212549	440253	Maërl Dead	Maërl Dead	1 percent cover of dead Maërl	Scope
IE002159_T8.18	212549	440253	212565	440326	Maërl Dead	Maërl Dead	20 percent cover of dead Maërl	Scope
IE002159_T8.19	212565	440326	212577	440335	Maërl Dead	Maërl Dead	2 percent cover of dead Maërl	Scope
IE002159_T8.20	212577	440335	212589	440388	Maërl Dead	Maërl Dead	50 percent cover of dead Maërl	Scope
IE002159_T8.21	212589	440388	212591	440444	Maërl Dead	Maërl Dead	60 percent covering of dead Maërl in a thin veneer	Scope
IE002159_T8.22	212591	440444	212604	440490	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	<i>Zostera marina</i> in clumps. 20 percent cover of dead Maërl.	Scope
IE002159_T8.23	212604	440490	212655	440518	<i>Zostera marina</i> Frequent Patchy and Maërl Living and Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Living and Dead	40 percent cover of 20 percent living and 80 percent dead Maërl	Scope
IE002159_T8.24	212655	440518	212700	440556	<i>Zostera marina</i> Frequent Patchy and Maërl Living and Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Living and Dead	80 percent cover of 20 percent living and 80 percent dead Maërl	Scope
IE002159_T8.25	212700	440556	212737	440595	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 10 percent living and 90 percent dead Maërl	Scope
IE002159_T8.26	212737	440595	212752	440608	Maërl Dead	Maërl Dead	20 percent cover of dead Maërl	Scope
IE002159_T8.27	212752	440608	212784	440636	Sand	Other	With macroalgae	Scope
IE002159_T8.28	212784	440636	212798	440656	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With sand	Scope
IE002159_T8.29	212798	440656	212823	440680	Sand	Other	With macroalgae	Scope
IE002159_T8.30	212823	440680	212828	440682	Sand	Other	With macroalgae	Scope
IE002159_T8.31	212828	440682	212838	440608	Sand	Other	With macroalgae	Scope
IE002159_T8.32	212838	440608	212874	440495	Sand	Other	With macroalgae	Scope
IE002159_T8.33	212874	440495	212878	440459	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002159_T8.34	212878	440459	212879	440430	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With kelp	Scope
IE002159_T8.35	212879	440430	212880	440392	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002159_T8.36	212880	440392	212908	440343	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> in clumps	Scope
IE002159_T8.37	212908	440343	212920	440294	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002159_T8.38	212920	440294	212939	440241	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae including <i>Sargassum muticum</i>	Scope
IE002159_T8.39	212939	440241	212938	440228	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002159_T8.40	212938	440228	212940	440204	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> in clumps	Scope
IE002159_T8.41	212940	440204	212953	440177	Sand	Other	With macroalgae	Scope
IE002159_T8.42	212953	440177	212963	440140	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	Mixed with macroalgae including <i>Sargassum muticum</i>	Scope
IE002159_T8.43	212963	440140	212983	440096	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> in clumps	Scope
IE002159_T8.44	212983	440096	213000	440050	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T8.45	213000	440050	213028	440015	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With <i>Sargassum muticum</i>	Scope
IE002159_T8.46	213028	440015	213016	439969	Sand	Other	With macroalgae	Scope
IE002159_T8.47	213016	439969	212986	439939	Kelp	Other		Scope
IE002159_T8.48	212986	439939	212959	439920	Kelp	Other		Scope
IE002159_T8.49	212959	439920	212948	439903	Kelp	Other		Scope
IE002159_T8.50	212948	439903	212945	439895	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002159_T8.51	212945	439895	212983	439860	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T8.52	212983	439860	213032	439812	Sand	Other	With macroalgae	Scope
IE002159_T8.53	213032	439812	213054	439784	Kelp	Other	With sand	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T8.54	213054	439784	213093	439773	Maërl Living and Dead	Maërl Living and Dead	60 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T8.55	213093	439773	213063	439772	Kelp	Other		Scope
IE002159_T8.56	213063	439772	212981	439863	Maërl Dead	Maërl Dead	2 percent cover of dead Maërl	Scope
IE002159_T8.57	212981	439863	212967	439887	Sand	Other	With macroalgae and cobble	Scope
IE002159_T8.58	212967	439887	212954	439894	Kelp	Other		Scope
IE002159_T8.59	212954	439894	212941	439909	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With cobbles	Scope
IE002159_T8.60	212941	439909	212913	439934	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With <i>Sargassum muticum</i>	Scope
IE002159_T8.61	212913	439934	212898	439954	Sand	Other	With macroalgae	Scope
IE002159_T8.62	212898	439954	212860	439982	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE002159_T8.63	212860	439982	212810	440027	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> in clumps	Scope
IE002159_T8.64	212810	440027	212796	440046	Sand	Other	With macroalgae	Scope
IE002159_T8.65	212796	440046	212745	440097	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	<i>Zostera marina</i> in clumps	Scope
IE002159_T8.66	212745	440097	212620	440118	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T8.67	212620	440118	212537	440110	Sand	Other	With macroalgae	Scope
IE002159_T8.68	212537	440110	212500	440007	Sand	Other		Scope
IE002159_T8.69	212500	440007	212490	439984	Sand	Other		Scope
IE002159_T8.70	212490	439984	212493	439899	Sand	Other		Scope
IE002159_T8.71	212493	439899	212497	439870	Sand	Other		Scope
IE002159_T8.72	212497	439870	212506	439851	Sand	Other	With macroalgae	Scope
IE002159_T8.73	212506	439851	212524	439831	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE002159_T8.74	212524	439831	212565	439796	Sand	Other	With macroalgae and anenomes	Scope
IE002159_T8.75	212565	439796	212632	439778	Sand	Other		Scope
IE002159_T8.76	212632	439778	212732	439742	Sand	Other	With macroalgae	Scope
IE002159_T8.77	212732	439742	212697	439674	Sand	Other		Scope
IE002159_T8.78	212697	439674	212652	439623	Sand	Other		Scope
IE002159_T8.79	212652	439623	212619	439591	Sand	Other	With macroalgae	Scope
IE002159_T8.80	212619	439591	212524	439521	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE002159_T8.81	212524	439521	212460	439524	Sand	Other	With macroalgae	Scope
IE002159_T8.82	212460	439524	212413	439515	Maërl Dead	Maërl Dead	80 percent cover of dead Maërl	Scope
IE002159_T8.83	212413	439515	212404	439496	Maërl Dead	Maërl Dead	90 percent cover of dead Maërl	Scope
IE002159_T8.84	212404	439496	212460	439465	Maërl Living and Dead	Maërl Living and Dead	70 percent cover of 30 percent living and 70 percent dead Maërl	Scope
IE002159_T8.85	212460	439465	212501	439422	Maërl Living and Dead	Maërl Living and Dead	50 percent cover of 20 percent living and 80 percent dead Maërl	Scope
IE002159_T8.86	212501	439422	212578	439388	Maërl Dead	Maërl Dead	20 percent cover of dead Maërl	Scope
IE002159_T8.87	212578	439388	212617	439375	<i>Zostera marina</i> Occasional Patchy and Maërl Living and Dead	<i>Zostera marina</i> Occasional Patchy and Maërl Living and Dead	50 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T8.88	212617	439375	212653	439368	Maërl Living and Dead	Maërl Living and Dead	50 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T8.89	212653	439368	212667	439369	Maërl Dead	Maërl Dead	80 percent cover of dead Maërl	Scope
IE002159_T8.90	212667	439369	212723	439368	<i>Zostera marina</i> Frequent Patchy and Maërl Living and Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Living and Dead	80 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T8.91	212723	439368	212751	439379	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> in clumps	Scope
IE002159_T8.92	212751	439379	212768	439362	Sand	Other	With macroalgae	Scope
IE002159_T8.93	212768	439362	212830	439363	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T8.94	212830	439363	212829	439416	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T8.95	212829	439416	212814	439462	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T8.96	212814	439462	212727	439518	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T8.97	212727	439518	212696	439476	Sand	Other	With macroalgae	Scope
IE002159_T8.98	212696	439476	212672	439454	Sand	Other	With macroalgae	Scope
IE002159_T8.99	212672	439454	212651	439433	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T8.100	212651	439433	212611	439406	Maërl Dead	Maërl Dead	1 percent cover of dead Maërl	Scope
IE002159_T8.101	212611	439406	212553	439389	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With gravel and macroalgae	Scope
IE002159_T8.102	212553	439389	End Point	End Point	Maërl Dead	Maërl Dead	20 percent cover of dead Maërl	Scope
IE002159_T9	212656	439466	End Point	End Point	Sand	Other	With shell	Scope
IE002159_T10	212638	439527	212597	439528	<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
IE002159_T10.1	212597	439528	212565	439525	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE002159_T10.2	212565	439525	212615	439498	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE002159_T10.3	212615	439498	212666	439509	Sand	Other		Scope
IE002159_T10.4	212666	439509	212687	439538	Sand	Other		Scope
IE002159_T10.5	212687	439538	212726	439604	Sand	Other	With <i>Sargassum muticum</i>	Scope
IE002159_T10.6	212726	439604	212784	439672	Sand	Other	With macroalgae	Scope
IE002159_T10.7	212784	439672	212851	439629	Sand	Other	With macroalgae	Scope
IE002159_T10.8	212851	439629	212936	439583	Sand	Other	With broken shell	Scope
IE002159_T10.9	212936	439583	213004	439573	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T10.10	213004	439573	213076	439575	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> in clumps	Scope
IE002159_T10.11	213076	439575	213187	439583	Kelp	Other	With macroalgae	Scope
IE002159_T10.12	213187	439583	213241	439481	Sand	Other	With coarse sand and kelp	Scope
IE002159_T10.13	213241	439481	213153	439439	Kelp	Other		Scope
IE002159_T10.14	213153	439439	213075	439361	Kelp	Other		Scope
IE002159_T10.15	213075	439361	213006	439375	Kelp	Other		Scope
IE002159_T10.16	213006	439375	212931	439417	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T10.17	212931	439417	212917	439431	Kelp	Other	With macroalgae	Scope
IE002159_T10.18	212917	439431	212950	439507	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With macroalgae	Scope
IE002159_T10.19	212950	439507	212930	439569	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	With macroalgae	Scope
IE002159_T10.20	212930	439569	212893	439585	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	With macroalgae	Scope
IE002159_T10.21	212893	439585	212850	439542	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With macroalgae	Scope
IE002159_T10.22	212850	439542	212817	439449	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T10.23	212817	439449	212901	439367	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T10.24	212901	439367	212890	439480	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T10.25	212890	439480	212938	439571	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T10.26	212938	439571	212979	439635	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	With macroalgae	Scope
IE002159_T10.27	212979	439635	212972	439692	Kelp	Other		Scope
IE002159_T10.28	212972	439692	212972	439811	Sand	Other	With cobble and macroalgae	Scope
IE002159_T10.29	212972	439811	212934	439876	Sand	Other		Scope
IE002159_T10.30	212934	439876	212769	439834	Sand	Other	With broken shell	Scope
IE002159_T10.31	212769	439834	212619	439800	Sand	Other	With coarse sand	Scope
IE002159_T10.32	212619	439800	212508	439749	Sand	Other		Scope
IE002159_T10.33	212508	439749	212484	439747	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T10.34	212484	439747	End Point	End Point	Sand	Other		Scope
IE002159_T11	212522	439797	212591	439863	Sand	Other		Scope
IE002159_T11.1	212591	439863	212630	439907	Sand	Other		Scope
IE002159_T11.2	212630	439907	212670	439992	Sand	Other		Scope
IE002159_T11.3	212670	439992	212710	440053	Sand	Other		Scope
IE002159_T11.4	212710	440053	212742	440104	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T11.5	212742	440104	212802	440230	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With kelp	Scope
IE002159_T11.6	212802	440230	212814	440261	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T11.7	212814	440261	212808	440334	Sand	Other	With gravel and sand	Scope
IE002159_T11.8	212808	440334	212798	440345	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T11.9	212798	440345	212786	440425	Kelp	Other		Scope
IE002159_T11.10	212786	440425	212771	440510	Kelp	Other	With macroalgae, broken shell and gravel	Scope
IE002159_T11.11	212771	440510	212779	440529	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T11.12	212779	440529	212794	440546	Kelp	Other	With macroalgae	Scope
IE002159_T11.13	212794	440546	212794	440592	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T11.14	212794	440592	212763	440582	Kelp	Other	With macroalgae	Scope
IE002159_T11.15	212763	440582	212760	440515	Sand	Other		Scope
IE002159_T11.16	212760	440515	212720	440424	Sand	Other	With macroalgae	Scope
IE002159_T11.17	212720	440424	212692	440357	Sand	Other	With macroalgae	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T11.18	212692	440357	212684	440327	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T11.19	212684	440327	212678	440273	Sand	Other	With macroalgae	Scope
IE002159_T11.20	212678	440273	212678	440258	Sand	Other		Scope
IE002159_T11.21	212678	440258	212678	440229	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T11.22	212678	440229	212693	440131	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T11.23	212693	440131	212697	440093	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T11.24	212697	440093	212704	440059	Sand	Other		Scope
IE002159_T11.25	212704	440059	212713	440033	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T11.26	212713	440033	212740	439986	Sand	Other		Scope
IE002159_T11.27	212740	439986	212769	440005	Sand	Other		Scope
IE002159_T11.28	212769	440005	212823	440076	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T11.29	212823	440076	212836	440120	Kelp	Other		Scope
IE002159_T11.30	212836	440120	212865	440188	Kelp	Other		Scope
IE002159_T11.31	212865	440188	212875	440242	Kelp	Other		Scope
IE002159_T11.32	212875	440242	212806	440199	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T11.33	212806	440199	212789	440147	Maërl Living and Dead	Maërl Living and Dead		Scope
IE002159_T11.34	212789	440147	212778	440085	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T11.35	212778	440085	212783	439973	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T11.36	212783	439973	212732	440031	Sand	Other	With macroalgae	Scope
IE002159_T11.37	212732	440031	212740	440072	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002159_T11.38	212740	440072	212759	440134	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> in clumps	Scope
IE002159_T11.39	212759	440134	212750	440207	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With macroalgae	Scope
IE002159_T11.40	212750	440207	212761	440286	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	50 percent cover of dead Maërl	Scope
IE002159_T11.41	212761	440286	212781	440343	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	50 percent cover of dead Maërl	Scope
IE002159_T11.42	212781	440343	212779	440376	Kelp	Other	With sand	Scope
IE002159_T11.43	212779	440376	212743	440414	Kelp	Other	With sand and gravel	Scope
IE002159_T11.44	212743	440414	212654	440424	Maërl Dead	Maërl Dead	20 percent cover of dead Maërl	Scope
IE002159_T11.45	212654	440424	212584	440412	Maërl Dead	Maërl Dead	60 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T11.46	212584	440412	212573	440447	Sand	Other	With gravel	Scope
IE002159_T11.47	212573	440447	212620	440457	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T11.48	212620	440457	212677	440477	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	70 percent thin covering of dead Maërl	Scope
IE002159_T11.49	212677	440477	212780	440518	Sand	Other	With macroalgae	Scope
IE002159_T11.50	212780	440518	212774	440541	Sand	Other	With macroalgae	Scope
IE002159_T11.51	212774	440541	212769	440619	Sand	Other	With gravel	Scope
IE002159_T11.52	212769	440619	212761	440643	Sand	Other	With gravel and macroalgae	Scope
IE002159_T11.53	212761	440643	212740	440685	Sand	Other	With macroalgae	Scope
IE002159_T11.54	212740	440685	212733	440726	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T11.55	212733	440726	212729	440778	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T11.56	212729	440778	End Point	End Point	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T12	212647	440566	212603	440519	<i>Zostera marina</i> Abundant Patchy	<i>Zostera marina</i> Abundant Patchy		Scope
IE002159_T12.1	212603	440519	212654	440419	Sand	Other	With macroalgae and broken shell	Scope
IE002159_T12.2	212654	440419	212712	440431	Maërl Dead	Maërl Dead	60 percent cover of dead Maërl	Scope
IE002159_T12.3	212712	440431	212696	440492	Maërl Dead	Maërl Dead	10 percent cover of dead Maërl	Scope
IE002159_T12.4	212696	440492	212706	440532	Sand	Other	With macroalgae	Scope
IE002159_T12.5	212706	440532	212744	440562	Sand	Other	With macroalgae	Scope
IE002159_T12.6	212744	440562	End Point	End Point	Sand	Other	With macroalgae	Scope
IE002159_T13	212369	439717	212439	439752	Sand	Other	With cobbles and gravel	Dive
IE002159_T13.1	212439	439752	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	80 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T14	212498	440027	212339	440141	Maërl Living and Dead	Maërl Living and Dead	50 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T14.1	212339	440141	End Point	End Point	Gravel	Other	With cobble and gravel	Dive

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T15	212544	440449	212382	440528	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	<i>Zostera marina</i> Frequent Patchy and Maërl Dead	10 percent cover of dead Maërl	Dive
IE002159_T15.1	212382	440528	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	50 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T16	212453	440979	212539	441030	Gravel	Other		Dive
IE002159_T16.1	212539	441030	212675	441128	Maërl Living and Dead	Maërl Living and Dead	30 percent cover of 50 percent living and 50 percent dead Maërl in patches	Dive
IE002159_T16.2	212675	441128	End Point	End Point	Sand	Other		Dive
IE002159_T17	212893	441200	212993	441492	Maërl Living and Dead	Maërl Living and Dead	30 percent cover of 30 percent living and 70 percent dead. Maërl decreasing as transect progresses	Dive
IE002159_T17.1	212993	441492	213298	441670	Maërl Living and Dead	Maërl Living and Dead		
IE002159_T17.2	213298	441670	213473	441782	Maërl Living and Dead	Maërl Living and Dead		
IE002159_T17.3	213473	441782	End Point	End Point	Sand	Other		Dive
IE002159_T18	212890	439198	212842	439103	Maërl Living and Dead	Maërl Living and Dead	80 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T18.1	212842	439103	End Point	End Point	Sand	Other		Dive
IE002159_T19	213307	439221	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	Boundary of mearl and kelp/rock. 50 percent cover of 60 percent live and 40 percent dead Maërl	Dive
IE002159_T20	213736	439378	213584	439292	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 60 percent living and 40 percent dead Maërl	Dive
IE002159_T20.1	213584	439292	End Point	End Point	Maërl Living and Dead Duned	Maërl Living and Dead Duned	100 percent cover of of 90 percent living and 10 percent dead Maërl in large dunes. Dunes starts about 20m before the end of the dive.	Dive
IE002159_T22	212197	439260	212335	439281	Sand	Other		Dive
IE002159_T22.1	212335	439281	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	10 percent cover of of 40 percent living and 60 percent dead Maërl	Dive
IE002159_T23	212487	439244	212388	439200	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 70 percent living and 30 percent dead Maërl	Dive
IE002159_T23.1	212388	439200	End Point	End Point	Sand	Other	With cobble	Dive
IE002159_T24	213666	439439	213588	439541	Maërl Living and Dead Duned	Maërl Living and Dead Duned	90 percent cover of 60 percent living and 40 percent dead Maërl covered in macroalgae and <i>Laminaria saccharina</i>	Dive
IE002159_T24.1	213588	439541	End Point	End Point	Gravel	Other		Dive
IE002159_T25	212668	440926	212749	440914	Maërl Living and Dead	Maërl Living and Dead	70 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T25.1	212749	440914	End Point	End Point	Gravel	Other	With cobble and macroalgae	Dive
IE002159_T26	212497	440635	212591	440646	Sand	Other		Dive
IE002159_T26.1	212591	440646	212742	440654	<i>Zostera marina</i> Occasional Patchy and Maërl Living and Dead	<i>Zostera marina</i> Occasional Patchy and Maërl Living and Dead		Dive
IE002159_T26.2	212742	440654	212790	440685	<i>Zostera marina</i> Occasional Patchy and Maërl Living and Dead	<i>Zostera marina</i> Occasional Patchy and Maërl Living and Dead	40 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T26.3	212790	440685	212819	440689	Maërl Living	Maërl Living	70 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T26.4	212819	440689	End Point	End Point	Rock	Other		Dive
IE002159_T27	212827	440694	212878	440390	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 50 percent live and 50 percent dead Maërl	Dive
IE002159_T27.1	212878	440390	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of of 50 percent living and 50 percent dead Maërl in banks of Maërl, not dunes	Dive
IE002159_T28	216196	438669	216188	438550	Mud	Other		Scope
IE002159_T28.1	216188	438550	216250	438453	Mud	Other	With macroalgae	Scope
IE002159_T28.2	216250	438453	216440	438279	Mud	Other	With abundant green macroalgae. Significant amount of agriculture surrounds this bay.	Scope
IE002159_T28.3	216440	438279	216606	438235	Mud	Other	With macroalgae	Scope
IE002159_T28.4	216606	438235	216702	438493	Mud	Other	With macroalgae	Scope
IE002159_T28.5	216702	438493	216738	438583	Mud	Other	With macroalgae	Scope
IE002159_T28.6	216738	438583	216758	438661	Mud	Other		Scope
IE002159_T28.7	216758	438661	216686	438789	Mud	Other	With macroalgae	Scope
IE002159_T28.8	216686	438789	216662	438884	Mud	Other	With macroalgae	Scope
IE002159_T28.9	216662	438884	216493	438900	Mud	Other		Scope
IE002159_T28.10	216493	438900	216224	439036	Mud	Other	With macroalgae	Scope
IE002159_T28.11	216224	439036	216139	439025	Mud	Other		Scope
IE002159_T28.12	216139	439025	216118	438981	Mud	Other		Scope
IE002159_T28.13	216018	438981	215914	438880	Mud	Other	With macroalgae, <i>Ulva</i> sp. occurs along the shoreline	Scope
IE002159_T28.14	215914	438880	215916	438837	Mud	Other		Scope
IE002159_T28.15	215916	438837	216024	438737	Mud	Other		Scope
IE002159_T28.16	216024	438737	216082	438745	Mud	Other		Scope



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IE002159_T28.17	216082	438745	216086	438737	Mud	Other	With macroalgae	Scope
IE002159_T28.18	216086	438737	End Point	End Point	Mud	Other		Scope
IE002159_T29	216001	438391	216025	438257	Mud	Other	With macroalgae	Scope
IE002159_T29.1	216025	438257	216040	438181	Mud	Other	With macroalgae	Scope
IE002159_T29.2	216040	438181	216023	438084	Mud	Other	With macroalgae	Scope
IE002159_T29.3	216023	438084	216027	437980	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T29.4	216027	437980	216071	437907	Mud	Other		Scope
IE002159_T29.5	216071	437907	End Point	End Point	Mud	Other		Scope
IE002159_T30	216021	437669	216061	437644	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T30.1	216061	437644	216114	437628	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 50 percent live and 50 percent dead Maërl	Scope
IE002159_T30.2	216114	437628	216150	437619	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 50 percent live and 50 percent dead Maërl	Scope
IE002159_T30.3	216150	437619	End Point	End Point	Kelp	Other		Scope
IE002159_T31	215848	437708	215889	437648	Maërl Dead	Maërl Dead	100 percent cover of dead Maërl	Scope
IE002159_T31.1	215889	437648	215932	437626	Maërl Dead	Maërl Dead	90 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T31.2	215932	437626	215964	437593	Maërl Dead	Maërl Dead	90 percent cover of dead Maërl	Scope
IE002159_T31.3	215964	437593	216004	437541	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 80 percent live and 20 percent dead Maërl	Scope
IE002159_T31.4	216004	437541	216040	437497	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 10 percent living and 90 percent dead Maërl	Scope
IE002159_T31.5	216040	437497	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 80 percent living and 20 percent dead Maërl	Scope
IE002159_T32	215708	437645	215747	437576	Mud	Other	With Kelp	Scope
IE002159_T32.1	215747	437576	215802	437497	Sand	Other	With kelp	Scope
IE002159_T32.2	215802	437497	215852	437438	Sand	Other	With macroalgae	Scope
IE002159_T32.3	215852	437438	215906	437404	Cobble	Other	With macroalgae	Scope
IE002159_T32.4	215906	437404	215942	437346	Sand	Other	With macroalgae	Scope
IE002159_T32.5	215942	437346	215981	437313	Sand	Other	With <i>Ophiocolina nigra</i>	Scope
IE002159_T32.6	215981	437313	216021	437292	Cobble	Other	With macroalgae	Scope
IE002159_T32.7	216021	437292	216102	437227	Sand	Other	With <i>Ophiocolina nigra</i>	Scope
IE002159_T32.8	216102	437227	216201	437153	Sand	Other	With <i>Ophiocolina nigra</i>	Scope
IE002159_T32.9	216201	437153	216232	437123	Sand	Other		Scope
IE002159_T32.10	216232	437123	216213	437088	Sand	Other	With macroalgae	Scope
IE002159_T32.11	216213	437088	216136	437009	Sand	Other		Scope
IE002159_T32.12	216136	437009	216055	436925	Sand	Other	With macroalgae	Scope
IE002159_T32.13	216055	436925	215969	436840	Mud	Other	With filamentous macroalgae	Scope
IE002159_T32.14	215969	436840	216043	436727	Sand	Other	With <i>Ophiocolina nigra</i>	Scope
IE002159_T32.15	216043	436727	216238	436613	Sand	Other	With macroalgae	Scope
IE002159_T32.16	216238	436613	216277	436719	Sand	Other	With macroalgae	Scope
IE002159_T32.17	216277	436719	216259	436806	Sand	Other	With macroalgae	Scope
IE002159_T32.18	216259	436806	216245	436859	Sand	Other	With macroalgae	Scope
IE002159_T32.19	216245	436859	216210	436971	Mud	Other	With macroalgae	Scope
IE002159_T32.20	216210	436971	216194	437050	Sand	Other		Scope
IE002159_T32.21	216194	437050	End Point	End Point	Sand	Other		Scope
IE002159_T33	213028	439840	212883	440073	Gravel	Other	With sand	Dive
IE002159_T33.1	212883	440073	212952	440098	Gravel	Other		Dive
IE002159_T33.2	212952	440098	212970	440106	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002159_T33.3	212970	440106	212990	440115	Maërl Living	Maërl Living	30 percent cover living Maërl	Dive
IE002159_T33.4	212990	440115	End Point	End Point	Sand	Other		Dive
IE002159_T34	213364	439498	213053	439843	Gravel	Other		Dive
IE002159_T34.1	213053	439843	213063	439861	Maërl Living	Maërl Living	100 percent cover of living Maërl	Dive
IE002159_T34.2	213063	439861	End Point	End Point	Gravel	Other		Dive
IE002159_T35	213812	438703	213785	438677	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 80 percent living and 20 percent dead Maërl, dense <i>Ophiocolina nigra</i> and anemones	Dive
IE002159_T35.1	213785	438677	213896	438711	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 80 percent living and 20 percent dead Maërl, dense <i>Ophiocolina nigra</i> and anemones	Dive
IE002159_T35.2	213896	438711	End Point	End Point	Gravel	Other	With <i>Ophiocolina nigra</i>	Dive

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IE002159_T36	214323	438761	214313	438774	Maërl Living and Dead	Maërl Living and Dead	20 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T36.1	214313	438774	214325	438778	Maërl Living and Dead	Maërl Living and Dead		Dive
IE002159_T36.2	214325	438778	214167	438763	Gravel	Other		Dive
IE002159_T36.3	214167	438763	End Point	End Point	Maërl Dead Duned	Maërl Dead Duned	100 percent cover of dead Maërl	Dive
IE002159_T37	213908	437829	214009	437918	Maërl Dead	Maërl Dead	20 percent cover of dead Maërl	Dive
IE002159_T37.1	214009	437918	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	80 percent cover of 60 percent living and 40 percent dead Maërl	Dive
IE002159_T38	214593	438203	214583	438183	Sand	Other		Dive
IE002159_T38.1	214583	438183	214546	438051	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 30 percent living and 70 percent dead Maërl	Dive
IE002159_T38.2	214546	438051	End Point	End Point	Gravel	Other		Dive
IE002159_T39	214659	437733	214652	437847	Sand	Other	<i>Haminoea navicula</i> Abundant	Dive
IE002159_T39.1	214652	437847	End Point	End Point	Maërl Living	Maërl Living	50 percent cover of live Maërl	Dive
IE002159_T40	214108	438589	214105	438579	Sand	Other		Scope
IE002159_T40.1	214105	438579	214051	438543	Maërl Dead	Maërl Dead	70 percent cover of dead Maërl	Scope
IE002159_T40.2	214051	438543	213979	438515	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 70 percent living and 30 percent dead Maërl	Scope
IE002159_T40.3	213979	438515	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 70 percent living and 30 percent dead Maërl	Scope
IE002159_T41	214012	438442	214138	438433	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T41.1	214138	438433	214225	438438	Maërl Dead	Maërl Dead	30 percent cover of dead Maërl	Scope
IE002159_T41.2	214225	438438	214275	438446	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T41.3	214275	438446	214352	438441	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 50 percent live and 50 percent dead Maërl	Scope
IE002159_T41.4	214352	438441	214405	438456	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 50 percent live and 50 percent dead Maërl	Scope
IE002159_T41.5	214405	438456	End Point	End Point	Sand	Other		Scope
IE002159_T42	214400	438434	214402	438302	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T42.1	214402	438302	214408	438169	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 80 percent living and 20 percent dead Maërl	Scope
IE002159_T42.2	214408	438169	214335	438175	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T42.3	214335	438175	214231	438183	Maërl Living and Dead	Maërl Living and Dead		Scope
IE002159_T42.4	214231	438183	214213	438242	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T42.5	214213	438242	214164	438414	Maërl Dead	Maërl Dead	100 percent cover of dead Maërl	Scope
IE002159_T42.6	214164	438414	End Point	End Point	Sand	Other		Scope
IE002159_T43	214144	438511	214065	438611	Maërl Dead	Maërl Dead	50 percent cover of dead Maërl	Scope
IE002159_T43.1	214065	438611	214026	438692	Maërl Dead	Maërl Dead	50 percent cover of dead Maërl	Scope
IE002159_T43.2	214026	438692	213991	438852	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 30 percent living and 70 percent dead Maërl	Scope
IE002159_T43.3	213991	438852	End Point	End Point	Vision gone	Vision gone	Vision through scope insufficient to view seabed	Scope
IE002159_T44	214138	439132	End Point	End Point	Kelp	Other	Fin fish cages present at this point	Scope
IE002159_T45	213819	438961	213796	438926	Maërl Living and Dead	Maërl Living and Dead	50 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T45.1	213796	438926	213810	438939	Kelp	Other		Scope
IE002159_T45.2	213810	438939	213819	438930	Cobble	Other	With gravel	Scope
IE002159_T45.3	213819	438930	213847	438848	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T45.4	213847	438848	213856	438757	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 60 percent living and 40 percent dead Maërl	Scope
IE002159_T45.5	213856	438757	213834	438725	Cobble	Other	With kelp	Scope
IE002159_T45.6	213834	438725	213833	438640	Sand	Sand		Scope
IE002159_T45.7	213833	438640	213849	438603	Maërl Living and Dead	Maërl Living and Dead		Scope
IE002159_T45.8	213849	438603	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T46	213900	438013	213856	437979	Sand	Other	With rare fragments, less than 1 percent cover of dead Maërl	Scope
IE002159_T46.1	213856	437979	213824	437952	Sand	Other		Scope
IE002159_T46.2	213824	437952	213825	437872	Mud	Other		Scope
IE002159_T46.3	213825	437872	213908	437826	Mud	Other		Scope
IE002159_T46.4	213908	437826	213953	437821	Mud	Other		Scope
IE002159_T46.5	213953	437821	213988	437813	Maërl Dead	Maërl Dead	10 percent cover of dead Maërl	Scope
IE002159_T46.6	213988	437813	214151	437911	Maërl Living and Dead	Maërl Living and Dead	60 percent cover of 80 percent living and 20 percent dead Maërl	Scope
IE002159_T46.7	214151	437911	214099	437639	Sand	Other	With macroalgae	Scope
IE002159_T46.8	214099	437639	214134	437645	Mud	Other		Scope
IE002159_T46.9	214134	437645	214193	437684	Sand	Other	With macroalgae	Scope

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IE002159_T46.10	214193	437684	214277	437738	Maërl Living and Dead	Maërl Living and Dead	40 percent cover of 80 percent living and 20 percent dead Maërl	Scope
IE002159_T46.11	214277	437738	214332	437765	Sand	Other	With macroalgae	Scope
IE002159_T46.12	214332	437765	214473	437686	Sand	Other	With macroalgae	Scope
IE002159_T46.13	214473	437686	214616	437699	Sand	Other	With macroalgae	Scope
IE002159_T46.14	214616	437699	214639	437740	Mud	Other		Scope
IE002159_T46.15	214639	437740	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T47	214793	437821	214810	437877	Sand	Other	With macroalgae and broken shell	Scope
IE002159_T47.1	214810	437877	214817	438036	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T47.2	214817	438036	214816	438097	Kelp	Other		Scope
IE002159_T47.3	214816	438097	214817	438093	Kelp	Other		Scope
IE002159_T47.4	214817	438093	214847	438035	Kelp	Other		Scope
IE002159_T47.5	214847	438035	214918	438032	Kelp	Other		Scope
IE002159_T47.6	214918	438032	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T48	215121	437995	215119	438022	Cobble	Other	With rocks and kelp	Scope
IE002159_T48.1	215119	438022	215152	438143	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T48.2	215152	438143	End Point	End Point	Kelp	Other		Scope
IE002159_T49	215181	438133	215230	438143	Cobble	Other	With Kelp	Scope
IE002159_T49.1	215230	438143	215266	438166	Cobble	Other	With kelp	Scope
IE002159_T49.2	215266	438166	End Point	End Point	Cobble	Other	With kelp	Scope
IE002159_T50	215624	437932	215595	437757	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T50.1	215595	437757	215587	437711	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T50.2	215587	437711	215556	437675	Mud	Other		Scope
IE002159_T50.3	215556	437675	215512	437673	Mud	Other	With macroalgae	Scope
IE002159_T50.4	215512	437673	215487	437698	Mud	Other		Scope
IE002159_T50.5	215487	437698	215489	437744	Mud	Other		Scope
IE002159_T50.6	215489	437744	215582	437807	Mud	Other		Scope
IE002159_T50.7	215582	437807	End Point	End Point	Mud	Other		Scope
IE002159_T51	215759	437885	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	90 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T52	215950	437940	216081	437952	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 80 percent living and 20 percent dead Maërl. <i>Ophiocolina nigra</i> Super Abundant, approximately 50 individuals/m2	Dive
IE002159_T52.1	216081	437952	End Point	End Point	Sand	Other		Dive
IE002159_T53	216164	437590	216269	437654	Maërl Living and Dead Duned	Maërl Living and Dead Duned	100 percent cover of 30 percent living and 70 percent dead Maërl	Dive
IE002159_T53.1	216269	437654	End Point	End Point	Sand	Other	With macroalgae	Dive
IE002159_T54	216151	437395	216048	437379	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 30 percent living and 70 percent dead Maërl	Dive
IE002159_T54.1	216048	437379	End Point	End Point	Gravel	Other		Dive
IE002159_T55	216035	437463	215764	437600	Maërl Living and Dead and <i>Neopentadactyla mixta</i>	Maërl Living and Dead and <i>Neopentadactyla mixta</i>	100 percent cover of 30 percent living and 70 percent dead Maërl with <i>Neopentadactyla mixta</i>	Dive
IE002159_T55.1	215764	437600	End Point	End Point	Sand	Other		Dive
IE002159_T56	215580	437850	215552	437780	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T56.1	215552	437780	End Point	End Point	Sand	Other	With macroalgae	Dive
IE002159_T57	215346	437992	215349	437941	Maërl Living and Dead	Maërl Living and Dead		Dive
IE002159_T57.1	215349	437941	215246	437890	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 70 percent living and 30 percent dead Maërl in patches	Dive
IE002159_T57.2	215246	437890	End Point	End Point	Sand	Other		Dive
IE002159_T58	217265	435870	217284	435780	Mud	Other	With macroalgae	Scope
IE002159_T58.1	217284	435780	217302	435725	Mud	Other	With gravel and macroalgae	Scope
IE002159_T58.2	217302	435725	217308	435697	Gravel	Other	With shell	Scope
IE002159_T58.3	217308	435697	End Point	End Point	Gravel	Other		Scope
IE002159_T59	217728	435303	217768	435312	Gravel	Other	With encrusting red algae	Scope
IE002159_T59.1	217768	435312	217793	435271	Gravel	Other		Scope
IE002159_T59.2	217793	435271	217836	435238	Gravel	Other	With encrusting red algae	Scope
IE002159_T59.3	217836	435238	217854	435221	Gravel	Other	With sand	Scope
IE002159_T59.4	217854	435221	217874	435204	Sand	Other	With mud and gravel	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T59.5	217874	435204	217900	435159	Mud	Other	With sand	Scope
IE002159_T59.6	217900	435159	217970	435109	Mud	Other		Scope
IE002159_T59.7	217970	435109	217976	435099	Mud	Other		Scope
IE002159_T59.8	217976	435099	217974	435083	Mud	Other	With filamentous green macroalgae	Scope
IE002159_T59.9	217974	435083	217982	435065	Mud	Other	<i>Zostera marina</i> in clumps	Scope
IE002159_T59.10	217982	435065	217983	435042	Mud	Other		Scope
IE002159_T59.11	217983	435042	217987	435036	Mud	Other		Scope
IE002159_T59.12	217987	435036	218010	434963	Mud	Other	Anoxic mud	Scope
IE002159_T59.13	218010	434963	218016	434933	Mud	Other	With anemones	Scope
IE002159_T59.14	218016	434933	218013	434925	Mud	Other		Scope
IE002159_T59.15	218013	434925	218039	434889	Mud	Other	With anemones	Scope
IE002159_T59.16	218039	434889	218070	434864	Mud	Other		Scope
IE002159_T59.17	218070	434864	218089	434844	Mud	Other		Scope
IE002159_T59.18	218089	434844	218103	434828	Mud	Other	With anemones	Scope
IE002159_T59.19	218103	434828	218129	434811	Mud	Other	With anemones	Scope
IE002159_T59.20	218129	434811	217946	434960	Mud	Other		Scope
IE002159_T59.21	217946	434960	217875	435022	Mud	Other		Scope
IE002159_T59.22	217875	435022	217829	435101	Mud	Other		Scope
IE002159_T59.23	217829	435101	End Point	End Point	Mud	Other		Scope
IE002159_T60	217781	435234	217723	435254	Gravel	Other	With gravel and sand	Scope
IE002159_T60.1	217723	435254	217674	435288	Gravel	Other	With pebbles on sand	Scope
IE002159_T60.2	217674	435288	217614	435365	Gravel	Other	With gravel and macroalgae on sand with occasional large stones	Scope
IE002159_T60.3	217614	435365	217564	435447	Kelp	Other	Bedrock and stones	Scope
IE002159_T60.4	217564	435447	217504	435528	Gravel	Other	With large stones encrusted with red algae and kelp	Scope
IE002159_T60.5	217504	435528	217505	435529	Gravel	Other	With cobble	Scope
IE002159_T60.6	217505	435529	217468	435552	Kelp	Other	With gravel and cobble	Scope
IE002159_T60.7	217468	435552	217433	435605	Gravel	Other	With cobble	Scope
IE002159_T60.8	217433	435605	217327	435629	Sand	Other		Scope
IE002159_T60.9	217327	435629	217298	435743	<i>Limnaria hians</i>	<i>Limnaria hians</i>	3 individuals of <i>Limnaria hians</i> recorded	Scope
IE002159_T60.10	217298	435743	End Point	End Point	Gravel	Other		Scope
IE002159_T61	217216	436075	217177	436134	Gravel	Other	With macroalgae	Scope
IE002159_T61.1	217177	436134	217113	436139	Gravel	Other	With macroalgae	Scope
IE002159_T61.2	217113	436139	217084	436138	Gravel	Other	With macroalgae	Scope
IE002159_T61.3	217084	436138	217085	436172	Gravel	Other	With macroalgae and mud	Scope
IE002159_T61.4	217085	436172	217130	436231	Gravel	Other	With macroalgae and mud	Scope
IE002159_T61.5	217130	436231	217150	436265	Gravel	Other	With macroalgae and mud	Scope
IE002159_T61.6	217150	436265	217172	436259	Mud	Other	With macroalgae and <i>Ophiocolina nigra</i>	Scope
IE002159_T61.7	217172	436259	217210	436305	Gravel	Other	With <i>Ophiocolina nigra</i>	Scope
IE002159_T61.8	217210	436305	End Point	End Point	Gravel	Other	With mud	Scope
IE002159_T62	213663	439225	213609	439268	Maërl Dead Duned	Maërl Dead Duned	100 percent cover of dead Maërl	Scope
IE002159_T62.1	213609	439268	213574	439289	Maërl Dead Duned	Maërl Dead Duned	100 percent cover of dead Maërl	Scope
IE002159_T62.2	213574	439289	213538	439294	Maërl Dead Duned	Maërl Dead Duned	100 percent cover of dead Maërl	Scope
IE002159_T62.3	213538	439294	213504	439308	Maërl Dead	Maërl Dead		Scope
IE002159_T62.4	213504	439308	213463	439329	Maërl Dead Duned	Maërl Dead Duned		Scope
IE002159_T62.5	213463	439329	213434	439346	Maërl Dead Duned	Maërl Dead Duned		Scope
IE002159_T62.6	213434	439346	End Point	End Point	Maërl Dead Duned	Maërl Dead Duned		Scope
IE002159_T63	213371	439422	213259	439487	Maërl Living and Dead	Maërl Living and Dead	With <i>Laminaria saccharina</i>	Scope
IE002159_T63.1	213259	439487	213211	439452	Maërl Living and Dead	Maërl Living and Dead		Scope
IE002159_T63.2	213211	439452	213213	439404	Kelp	Other	With macroalgae	Scope
IE002159_T63.3	213213	439404	213214	439370	Kelp	Other		Scope
IE002159_T63.4	213214	439370	213202	439344	Kelp	Other		Scope
IE002159_T63.5	213202	439344	End Point	End Point	Kelp	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T64	213613	439275	213643	439250	Maërl Dead Duned	Maërl Dead Duned		Scope
IE002159_T64.1	213643	439250	213679	439216	Maërl Dead Duned	Maërl Dead Duned		Scope
IE002159_T64.2	213679	439216	213705	439182	Maërl Dead Duned	Maërl Dead Duned		Scope
IE002159_T64.3	213705	439182	213723	439167	Maërl Dead Duned	Maërl Dead Duned		Scope
IE002159_T64.4	213723	439167	213753	439160	Maërl Living and Dead Duned	Maërl Living and Dead Duned	50 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T64.5	213753	439160	213801	439151	Maërl Living and Dead	Maërl Living and Dead	50 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T64.6	213801	439151	213758	439187	Vision gone	Vision gone	Vision through scope insufficient to view seabed	Scope
IE002159_T64.7	213758	439187	213727	439216	Maërl Living and Dead Duned	Maërl Living and Dead Duned	90 percent cover of 50 percent living and 50 percent dead Maërl	Scope
IE002159_T64.8	213727	439216	213703	439282	Maërl Living and Dead Duned	Maërl Living and Dead Duned	100 percent cover of 80 percent living and 20 percent dead Maërl	Scope
IE002159_T64.9	213703	439282	End Point	End Point	Vision gone	Vision gone	Vision through scope insufficient to view seabed	Scope
IE002159_T65	212732	439484	212766	439336	Maërl Living and Dead	Maërl Living and Dead	100 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T65.1	212766	439336	End Point	End Point	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With sand and macroalgae	Dive
IE002159_T66	213050	439285	213040	439395	Maërl Living and Dead	Maërl Living and Dead	70 percent cover of 50 percent living and 50 percent dead Maërl.	Dive
IE002159_T66.1	213040	439395	End Point	End Point	Gravel	Other	With kelp	Dive
IE002159_T67	213399	439419	213419	439395	Gravel	Other	With cobble	Dive
IE002159_T67.1	213419	439395	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	70 percent cover of 70 percent living and 30 percent dead Maërl	Dive
IE002159_T68	213867	439582	213563	439544	Mud	Other		Dive
IE002159_T68.1	213563	439544	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	30 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T69	216506	437359	216628	437372	Maërl Living and Dead	Maërl Living and Dead	Very thin veneer of 5 percent cover of 70 percent living and 30 percent dead Maërl	Dive
IE002159_T69.1	216628	437372	End Point	End Point	Sand	Other		Dive
IE002159_T70	216473	437233	216529	437228	Cobble	Other	With cobble and kelp	Dive
IE002159_T70.1	216529	437228	216710	437203	Maërl Living and Dead	Maërl Living and Dead	40 percent cover of 80 percent living and 20 percent dead Maërl	Dive
IE002159_T70.2	216710	437203	216778	437091	Gravel	Other		Dive
IE002159_T70.3	216778	437091	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	40 percent cover of 80 percent living and 20 percent dead Maërl	Dive
IE002159_T71	216808	436794	216930	436793	Sand	Other		Dive
IE002159_T71.1	216930	436793	End Point	End Point	Maërl Dead	Maërl Dead	40 percent cover of dead Maërl	Dive
IE002159_T72	217040	436881	217072	436802	Maërl Living and Dead Duned	Maërl Living and Dead Duned	60 percent cover of 60 percent living and 40 percent dead Maërl	Dive
IE002159_T72.1	217072	436802	216989	436768	Maërl Living and Dead Duned and <i>Neopentadactyla mixta</i>	Maërl Living and Dead Duned and <i>Neopentadactyla mixta</i>	<i>Neopentadactyla mixta</i> starts after this point	Dive
IE002159_T72.1	216989	436768	End Point	End Point	<i>Neopentadactyla mixta</i>	<i>Neopentadactyla mixta</i>	<i>Neopentadactyla mixta</i> Abundant	Dive
IE002159_T73	217287	436617	217410	436784	Gravel	Other		Dive
IE002159_T73.1	217410	436784	End Point	End Point	Gravel	Other	Mat of <i>Ophiothrix fragilis</i> all along this transect	Dive
IE002159_T74	217954	436393	218005	436378	Maërl Living and Dead and <i>Neopentadactyla mixta</i>	Maërl Living and Dead and <i>Neopentadactyla mixta</i>	80 percent cover of 50 percent living and 50 percent dead Maërl with <i>Neopentadactyla mixta</i>	Dive
IE002159_T74.1	218005	436378	End Point	End Point	Cobble	Other	With kelp	Dive
IE002159_T75	217780	436679	217644	436514	Sand	Other		Dive
IE002159_T75.1	217644	436514	217545	436484	Maërl Living and Dead and <i>Neopentadactyla mixta</i>	Maërl Living and Dead and <i>Neopentadactyla mixta</i>	<i>Neopentadactyla mixta</i> on gravel at this point. 5 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T75.2	217545	436484	End Point	End Point	Cobble	Other	With kelp	Dive
IE002159_T76	217748	436209	217819	436241	Cobble	Other		Dive
IE002159_T76.1	217819	436241	217943	436335	Maërl Living and Dead	Maërl Living and Dead	80 percent cover of 80 percent living and 20 percent dead Maërl	Dive
IE002159_T76.2	217943	436335	218018	436383	Maërl Living and Dead	Maërl Living and Dead	40 percent cover of 50 percent living and 50 percent dead Maërl with gravel	Dive
IE002159_T76.3	218018	436383	End Point	End Point	Cobble	Other		Dive
IE002159_T77	218127	436038	218130	435945	Maërl Living and Dead	Maërl Living and Dead	80 percent cover of 50 percent living and 50 percent dead Maërl	Dive
IE002159_T77.1	218130	435945	End Point	End Point	Cobble	Other		Dive
IE002159_T78	218098	435984	218061	436005	Sand	Other		Dive
IE002159_T78.1	218061	436005	217985	435943	Maërl Living and Dead	Maërl Living and Dead	30 percent cover of 50 percent living and 50 percent dead Maërl in patches	Dive
IE002159_T78.2	217985	435943	217949	435903	Maërl Living and Dead	Maërl Living and Dead	Maërl starts here again thin cover of 70 percent cover of 60 percent living and 40 percent dead Maërl	Dive
IE002159_T78.3	217949	435903	End Point	End Point	Sand	Other		Dive
IE002159_T79	218653	435445	218304	435848	Cobble	Other	With rock and kelp	Dive
IE002159_T79.1	218304	435848	218230	436021	Cobble	Other		Dive

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T79.2	218230	436021	End Point	End Point	Gravel	Other	Less than 1 percent cover of dead Maërl	Dive
IE002159_T80	218757	435701	End Point	End Point	Kelp	Other		Dive
IE002159_T81	218780	434983	218751	435022	Cobble	Other	With Kelp	Dive
IE002159_T81.1	218751	435022	End Point	End Point	Cobble	Other	With kelp	Dive
IE002159_T82	218769	434536	End Point	End Point	Mud	Other		Dive
IE002159_T83	219134	440179	End Point	End Point	<i>Styela clava</i>	<i>Styela clava</i>	<i>Styela clava</i> Dive 1. Agharoonney Point, Northwater. Ascidian rich mud slope with rock and boulders. 2 individuals of <i>Styela clava</i> recorded at 13m. A narrow band of <i>Zostera marina</i> , Occasional patchy occurs in very shallow water at the shore.	Dive
IE002159_T84	219163	440157	End Point	End Point	<i>Styela clava</i>	<i>Styela clava</i>	Mud slope with rocks and boulders 1 <i>Styela clava</i> found at 3m	Dive
IE002159_T85	215402	438404	End Point	End Point	Mud	Other	<i>Styela clava</i> Dive 2 Second Narrows. Millstone Bay. Near Fish Farm Mud with filamentous green algae. 0 <i>Styela clava</i> found. <i>Arenicola marina</i> (abundant), <i>Fucus vesiculosus</i> , <i>Cliona intestinalis</i>	Dive
IE002159_T86	218572	439527	End Point	End Point	<i>Styela clava</i>	<i>Styela clava</i>	<i>Styela clava</i> Dive 3. South Northwater. Moross Point. 10 individuals of <i>Styela clava</i> recorded.	Dive
IE002159_T87	221184	433159	End Point	End Point	Mud	Other	<i>Styela clava</i> Dive 4. Boulders. No <i>Styela clava</i> recorded	Dive
IE002159_T88	219946	428675	End Point	End Point	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	<i>Styela clava</i> Dive 5. Anoxic mud. No <i>Styela clava</i> recorded	Dive
IE002159_T89	219007	430580	End Point	End Point	Mud	Other	<i>Styela clava</i> Dive 6. Anoxic mud. No <i>Styela clava</i> recorded	Dive
IE002159_T90	219082	430570	219060	430571	Mud	Other		Scope
IE002159_T90.1	219060	430571	219045	430568	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant continues to shore	Scope
IE002159_T90.2	219045	430568	219070	430585	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	Beside slip	Scope
IE002159_T90.3	219070	430585	219090	430592	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T90.4	219090	430592	219091	430612	Mud	Other		Scope
IE002159_T90.5	219091	430612	End Point	End Point	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	Small patch of <i>Zostera marina</i> . Rock to the north	Scope
IE002159_T91	219058	430546	219046	430546	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T91.1	219046	430546	219030	430543	Mud	Other		Scope
IE002159_T91.2	219030	430543	End Point	End Point	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T92	219026	430516	219014	430523	Mud	Other		Scope
IE002159_T92.1	219014	430523	219008	430451	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> in a band 20m wide to shore. Behind the island there is a narrow band of <i>Zostera marina</i> 20m wide along the shore	Scope
IE002159_T92.2	219008	430451	219011	430448	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T92.3	219011	430448	End Point	End Point	Mud	Other	End of 20 m wide band of <i>Zostera marina</i>	Scope
IE002159_T93	219030	430317	219026	430288	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T93.1	219026	430288	219014	430263	Mud	Other		Scope
IE002159_T93.2	219014	430263	219181	430415	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	Fringe of <i>Zostera marina</i> starts here and continues south	Scope
IE002159_T93.3	219181	430415	219273	430405	Mud	Other	With anemones	Scope
IE002159_T93.4	219273	430405	219351	430434	Mud	Other		Scope
IE002159_T93.5	219351	430434	219421	430401	Mud	Other		Scope
IE002159_T93.6	219421	430401	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T94	219387	430131	219333	430132	Mud	Other		Scope
IE002159_T94.1	219333	430132	219311	430199	Mud	Other	With anemones	Scope
IE002159_T94.2	219311	430199	219315	430247	Mud	Other		Scope
IE002159_T94.3	219315	430247	219292	430233	Kelp	Other	With <i>Laminaria saccharina</i>	Scope
IE002159_T94.4	219292	430233	219273	430191	Mud	Other		Scope
IE002159_T94.5	219273	430191	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T95	219035	429966	219011	430017	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T95.1	219011	430017	219024	430033	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T95.2	219024	430033	219003	430055	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	Small bay with extensive bed of <i>Zostera marina</i> , Abundant in 20m wide band	Scope
IE002159_T95.3	219003	430055	218988	430028	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> meets up with fringe to the north	Scope
IE002159_T95.4	218988	430028	218974	429957	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> in a narrow band 10m wide	Scope
IE002159_T95.5	218974	429957	218974	429917	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> continues to shore	Scope
IE002159_T95.6	218974	429917	218946	429880	Mud	Other	With anemones	Scope
IE002159_T95.7	218946	429880	218943	429855	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	10m wide band to shore	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T95.8	218943	429855	218923	429820	Mud	Other	anem	Scope
IE002159_T95.9	218923	429820	218901	429803	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> continues to shore	Scope
IE002159_T95.10	218901	429803	218901	429788	Mud	Other	With anenomes	Scope
IE002159_T95.11	218901	429788	218908	429736	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.12	218908	429736	218920	429722	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T95.13	218920	429722	218891	429692	Mud	Other		Scope
IE002159_T95.14	218891	429692	218857	429664	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.15	218857	429664	218874	429623	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.16	218874	429623	218857	429600	Mud	Other		Scope
IE002159_T95.17	218857	429600	218826	429576	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.18	218826	429576	218872	429543	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.19	218872	429543	218894	429528	Mud	Other		Scope
IE002159_T95.20	218894	429528	218845	429481	Vison gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T95.21	218845	429481	218854	429422	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> continues to shore	Scope
IE002159_T95.22	218854	429422	218850	429410	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.23	218850	429410	218857	429397	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T95.24	218857	429397	218870	429375	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T95.25	218870	429375	218897	429356	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T95.26	218897	429356	218876	429330	Mud	Other		Scope
IE002159_T95.27	218876	429330	218844	429328	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T95.28	218844	429328	218876	429310	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.29	218876	429310	218892	429301	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T95.30	218892	429301	218863	429287	Mud	Other		Scope
IE002159_T95.31	218863	429287	218871	429249	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.32	218871	429249	218900	429237	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.33	218900	429237	218883	429241	Mud	Other		Scope
IE002159_T95.34	218883	429241	218833	429228	Mud	Other		Scope
IE002159_T95.35	218833	429228	218820	429212	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.36	218820	429212	218859	429230	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.37	218859	429230	218873	429201	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.38	218873	429201	218859	429184	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T95.39	218859	429184	218827	429169	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.40	218827	429169	218867	429101	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.41	218867	429101	218856	429136	Mud	Other		Scope
IE002159_T95.42	218856	429136	218834	429115	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.43	218834	429115	218851	429089	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.44	218851	429089	218831	429047	Mud	Other		Scope
IE002159_T95.45	218831	429047	218823	428962	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.46	218823	428962	218808	428930	Mud	Other		Scope
IE002159_T95.47	218808	428930	218807	428877	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.48	218807	428877	218814	428804	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.49	218814	428804	218822	428764	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.50	218822	428764	218868	428724	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T95.51	218868	428724	218909	428692	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T95.52	218909	428692	218801	428676	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T95.53	218801	428676	218720	428684	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T95.54	218720	428684	218693	428691	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T95.55	218693	428691	218693	428689	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T95.56	218693	428689	218700	428661	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> continues to shore	Scope
IE002159_T95.57	218700	428661	218714	428632	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T95.58	218714	428632	218718	428608	Sand	Other	With macroalgae	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T95.59	218718	428608	End Point	End Point	Sand	Other	With macroalgae	Scope
IE002159_T96	218857	428759	218824	428802	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T96.1	218824	428802	218881	428856	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T96.2	218881	428856	219006	428865	Mud	Other		Scope
IE002159_T96.3	219006	428865	218987	428847	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T96.4	218987	428847	218980	428821	Mud	Other		Scope
IE002159_T96.5	218980	428821	218968	428789	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T96.6	218968	428789	218973	428731	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T96.7	218973	428731	218929	428741	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T96.8	218929	428741	218792	428824	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T96.9	218792	428824	218778	428779	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T96.10	218778	428779	218854	428721	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T96.11	218854	428721	218904	428673	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T96.12	218904	428673	218869	428629	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T96.13	218869	428629	218763	428676	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T96.14	218763	428676	218738	428693	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T96.15	218738	428693	218690	428725	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T96.16	218690	428725	218670	428731	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T96.17	218670	428731	218630	428705	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T96.18	218630	428705	218604	428675	<i>Zostera noltii</i> Rare	<i>Zostera noltii</i> Rare		Scope
IE002159_T96.19	218604	428675	218663	428616	<i>Zostera noltii</i> Rare	<i>Zostera noltii</i> Rare		Scope
IE002159_T96.20	218663	428616	218704	428585	<i>Zostera noltii</i> Rare	<i>Zostera noltii</i> Rare		Scope
IE002159_T96.21	218704	428585	218724	428573	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T96.22	218724	428573	218777	428520	<i>Zostera noltii</i> Rare	<i>Zostera noltii</i> Rare		Scope
IE002159_T96.23	218777	428520	218786	428504	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional	<i>Mytilus edulis</i> shell	Scope
IE002159_T96.24	218786	428504	218771	428478	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T96.25	218771	428478	218694	428420	<i>Zostera noltii</i> Rare	<i>Zostera noltii</i> Rare		Scope
IE002159_T96.26	218694	428420	218505	428472	<i>Zostera noltii</i> Rare	<i>Zostera noltii</i> Rare		Scope
IE002159_T96.27	218505	428472	End Point	End Point	<i>Zostera noltii</i> Rare	<i>Zostera noltii</i> Rare		Scope
IE002159_T97	218643	428431	218591	428365	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T97.1	218591	428365	218543	428291	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T97.2	218543	428291	End Point	End Point	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T98	218637	428383	218672	428394	Broken shell	Other		Scope
IE002159_T98.1	218672	428394	218736	428437	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T98.2	218736	428437	218805	428499	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T98.3	218805	428499	218788	428524	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T98.4	218788	428524	218766	428525	<i>Zostera noltii</i> Rare	<i>Zostera noltii</i> Rare		Scope
IE002159_T98.5	218766	428525	218673	428532	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T98.6	218673	428532	218628	428536	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional	On <i>Mytilus edulis</i> shell	Scope
IE002159_T98.7	218628	428536	218548	428537	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T98.8	218548	428537	218574	428538	Mud	Other		Scope
IE002159_T98.9	218574	428538	218756	428685	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T98.10	218756	428685	218833	428819	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T98.11	218833	428819	End Point	End Point	Mud	Other		Scope
IE002159_T99	219138	428925	219190	428914	Kelp	Other		Scope
IE002159_T99.1	219190	428914	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T100	219314	428754	219316	428729	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T100.1	219316	428729	219319	428692	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.2	219319	428692	219320	428665	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.3	219320	428665	219325	428646	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T100.4	219325	428646	219333	428633	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.5	219333	428633	219309	428620	Mud	Other		Scope



Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T100.6	219309	428620	219300	428616	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T100.7	219300	428616	219280	428608	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T100.8	219280	428608	219271	428620	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T100.9	219271	428620	219261	428647	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	On mud	Scope
IE002159_T100.10	219261	428647	219279	428639	<i>Zostera noltii</i> Rare	<i>Zostera noltii</i> Rare		Scope
IE002159_T100.11	219279	428639	219278	428608	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T100.12	219278	428608	219275	428590	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T100.13	219275	428590	219263	428568	Mud	Other		Scope
IE002159_T100.14	219263	428568	219252	428551	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T100.15	219252	428551	219237	428523	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T100.16	219237	428523	219224	428485	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T100.17	219224	428485	219248	428473	<i>Zostera noltii</i> Rare	<i>Zostera noltii</i> Rare	On mud	Scope
IE002159_T100.18	219248	428473	219276	428478	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T100.19	219276	428478	219323	428513	<i>Zostera noltii</i> Occasional Patchy	<i>Zostera noltii</i> Occasional Patchy		Scope
IE002159_T100.20	219323	428513	219339	428531	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.21	219339	428531	219348	428542	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T100.22	219348	428542	219367	428579	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T100.23	219367	428579	219368	428608	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T100.24	219368	428608	219372	428662	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T100.25	219372	428662	219384	428708	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.26	219384	428708	219402	428733	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T100.27	219402	428733	219407	428741	Mud	Other		Scope
IE002159_T100.28	219407	428741	219421	428748	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T100.29	219421	428748	219445	428784	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.30	219445	428784	219442	428808	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T100.31	219442	428808	219431	428813	Mud	Other		Scope
IE002159_T100.32	219431	428813	219407	428817	Mud	Other		Scope
IE002159_T100.33	219407	428817	219364	428756	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T100.34	219364	428756	219355	428762	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.35	219355	428762	219348	428778	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.36	219348	428778	219341	428798	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.37	219341	428798	219337	428808	Rock	Other		Scope
IE002159_T100.38	219337	428808	219315	428796	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T100.39	219315	428796	219305	428784	Mud	Other		Scope
IE002159_T100.40	219305	428784	219312	428762	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T100.41	219312	428762	219347	428775	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.42	219347	428775	219371	428761	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T100.43	219371	428761	219384	428740	Mud	Other		Scope
IE002159_T100.44	219384	428740	219391	428730	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T100.45	219391	428730	219395	428721	Mud	Other		Scope
IE002159_T100.46	219395	428721	219380	428704	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T100.47	219380	428704	219347	428682	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.48	219347	428682	219328	428667	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.49	219328	428667	219328	428650	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T100.50	219328	428650	219341	428635	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T100.51	219341	428635	219359	428616	Mud	Other		Scope
IE002159_T100.52	219359	428616	219367	428605	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T100.53	219367	428605	219358	428593	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.54	219358	428593	219336	428583	Mud	Other		Scope
IE002159_T100.55	219336	428583	219264	428567	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T100.56	219264	428567	219255	428557	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.57	219255	428557	219259	428526	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T100.58	219259	428526	219265	428487	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.59	219265	428487	219250	428480	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T100.60	219250	428480	219235	428495	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T100.61	219235	428495	End Point	End Point	Mud	Other		Scope
IE002159_T101	219473	428829	219497	428854	Kelp	Other		Scope
IE002159_T101.1	219497	428854	219522	428903	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T101.2	219522	428903	219531	428828	Mud	Other		Scope
IE002159_T101.3	219531	428828	219563	428791	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T101.4	219563	428791	219567	428770	Mud	Other		Scope
IE002159_T101.5	219567	428770	219567	428759	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T101.6	219567	428759	219568	428751	Mud	Other		Scope
IE002159_T101.7	219568	428751	219571	428734	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T101.8	219571	428734	219581	428730	Kelp	Other		Scope
IE002159_T101.9	219581	428730	219601	428732	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T101.10	219601	428732	219608	428708	Mud	Other		Scope
IE002159_T101.11	219608	428708	219601	428698	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T101.12	219601	428698	219595	428683	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T101.13	219595	428683	219603	428657	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T101.14	219603	428657	219606	428648	Mud	Other		Scope
IE002159_T101.15	219606	428648	219633	428656	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T101.16	219633	428656	219636	428673	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T101.17	219636	428673	219648	428692	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T101.18	219648	428692	219689	428701	Mud	Other		Scope
IE002159_T101.19	219689	428701	219732	428675	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T101.20	219732	428675	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T102	219668	428635	219665	428609	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T102.1	219665	428609	219711	428601	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T102.2	219711	428601	219707	428564	Mud	Other		Scope
IE002159_T102.3	219707	428564	219653	428544	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T102.4	219653	428544	219695	428500	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T102.5	219695	428500	219813	428467	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T102.6	219813	428467	219785	428390	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T102.7	219785	428390	219756	428383	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T102.8	219756	428383	219636	428416	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T102.9	219636	428416	219614	428423	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> continues to shore	Scope
IE002159_T102.10	219614	428423	219642	428392	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T102.11	219642	428392	219720	428361	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T102.12	219720	428361	219709	428291	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T102.13	219709	428291	219657	428289	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T102.14	219657	428289	End Point	End Point	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T103	219782	428405	219785	428501	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T103.1	219785	428501	219796	428538	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T103.2	219796	428538	219844	428630	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T103.3	219844	428630	219879	428658	Mud	Other		Scope
IE002159_T103.4	219879	428658	219878	428635	Mud	Other		Scope
IE002159_T103.5	219878	428635	219868	428608	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T103.6	219868	428608	219853	428590	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T103.7	219853	428590	219843	428580	Mud	Other		Scope
IE002159_T103.8	219843	428580	219839	428508	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T103.9	219839	428508	219816	428475	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T103.10	219816	428475	219765	428487	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T103.11	219765	428487	219707	428519	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T103.12	219707	428519	219682	428543	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T103.13	219682	428543	219684	428567	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T103.14	219684	428567	219717	428611	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T103.15	219717	428611	219755	428637	Mud	Other		Scope
IE002159_T103.16	219755	428637	219822	428653	Mud	Other		Scope
IE002159_T103.17	219822	428653	219863	428653	Mud	Other		Scope
IE002159_T103.18	219863	428653	219895	428661	Mud	Other		Scope
IE002159_T103.19	219895	428661	219911	428717	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T103.20	219911	428717	219923	428708	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T103.21	219923	428708	219919	428698	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T103.22	219919	428698	219906	428701	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T103.23	219906	428701	219892	428708	Mud	Other		Scope
IE002159_T103.24	219892	428708	End Point	End Point	Mud	Other		Scope
IE002159_T104	219913	428760	219928	428769	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T104.1	219928	428769	219933	428796	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T104.2	219933	428796	219951	428828	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.3	219951	428828	219965	428865	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T104.4	219965	428865	219975	428896	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.5	219975	428896	219978	428919	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T104.6	219978	428919	219978	428933	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T104.7	219978	428933	219957	428970	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T104.8	219957	428970	219929	428981	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.9	219929	428981	219902	428979	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.10	219902	428979	219890	428981	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T104.11	219890	428981	219873	428981	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.12	219873	428981	219860	428981	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T104.13	219860	428981	219836	428970	Mud	Other		Scope
IE002159_T104.14	219836	428970	219821	428951	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T104.15	219821	428951	219790	428936	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.16	219790	428936	219846	428871	Mud	Other		Scope
IE002159_T104.17	219846	428871	219862	428868	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.18	219862	428868	219924	428859	Mud	Other		Scope
IE002159_T104.19	219924	428859	219968	428853	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.20	219968	428853	219999	428864	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.21	219999	428864	219989	428897	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.22	219989	428897	219971	428930	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.23	219971	428930	219945	428977	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.24	219945	428977	219930	429007	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.25	219930	429007	219895	429039	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.26	219895	429039	219885	429013	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	With broken shell	Scope
IE002159_T104.27	219885	429013	219881	429008	Mud	Other		Scope
IE002159_T104.28	219881	429008	219855	428985	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.29	219855	428985	219830	428969	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T104.30	219830	428969	219752	428997	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.31	219752	428997	219759	429017	Mud	Other		Scope
IE002159_T104.32	219759	429017	219780	429051	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.33	219780	429051	219803	429073	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.34	219803	429073	219817	429091	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.35	219817	429091	219823	429107	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.36	219823	429107	219824	429120	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.37	219824	429120	219809	429146	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T104.38	219809	429146	219773	429163	<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
IE002159_T104.39	219773	429163	219774	429172	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T104.40	219774	429172	219772	429145	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T104.41	219772	429145	219775	429116	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T104.42	219775	429116	219757	429075	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With kelp	Scope
IE002159_T104.43	219757	429075	219724	429044	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T104.44	219724	429044	219710	429033	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T104.45	219710	429033	End Point	End Point	Mud	Other		Scope
IE002159_T105	219675	429074	219679	429092	Mud	Other		Scope
IE002159_T105.1	219679	429092	219665	429132	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T105.2	219665	429132	219643	429149	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T105.3	219643	429149	219622	429150	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T105.4	219622	429150	219616	429143	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T105.5	219616	429143	219553	429139	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T105.6	219553	429139	219533	429143	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T105.7	219533	429143	219525	429144	Mud	Other		Scope
IE002159_T105.8	219525	429144	219513	429140	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T105.9	219513	429140	219477	429160	Mud	Other		Scope
IE002159_T105.10	219477	429160	219440	429152	Kelp	Other		Scope
IE002159_T105.11	219440	429152	219426	429171	Mud	Other		Scope
IE002159_T105.12	219426	429171	219436	429160	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T105.13	219436	429160	219435	429153	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T105.14	219435	429153	219410	429145	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T105.15	219410	429145	219401	429118	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T105.16	219401	429118	219400	429062	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T105.17	219400	429062	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T106	219528	429152	219390	429066	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T106.1	219390	429066	219380	429062	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T106.2	219380	429062	219367	429051	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T106.3	219367	429051	219358	429035	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T106.4	219358	429035	219343	428995	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T106.5	219343	428995	219367	429004	Mud	Other		Scope
IE002159_T106.6	219367	429004	219397	429034	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T106.7	219397	429034	219395	429027	Mud	Other		Scope
IE002159_T106.8	219395	429027	219374	429030	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T106.9	219374	429030	219367	429027	Kelp	Other		Scope
IE002159_T106.10	219367	429027	219336	429043	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T106.11	219336	429043	219302	429070	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T106.12	219302	429070	219273	429098	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T106.13	219273	429098	219259	429116	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T106.14	219259	429116	219253	429130	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T106.15	219253	429130	219248	429156	Rock	Other		Scope
IE002159_T106.16	219248	429156	219243	429121	Rock	Other		Scope
IE002159_T106.17	219243	429121	219251	429089	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T106.18	219251	429089	219259	429070	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T106.19	219259	429070	End Point	End Point	Mud	Other		Scope
IE002159_T107	219289	429023	219309	429040	Mud	Other		Scope
IE002159_T107.1	219309	429040	219290	429082	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T107.2	219290	429082	219282	429098	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T107.3	219282	429098	End Point	End Point	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T108	219315	429190	219337	429184	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T108.1	219337	429184	219351	429199	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T108.2	219351	429199	219364	429215	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T108.3	219364	429215	219390	429242	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T108.4	219390	429242	219396	429261	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T108.5	219396	429261	219415	429298	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	With kelp	Scope
IE002159_T108.6	219415	429298	219417	429340	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T108.7	219417	429340	219433	429364	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T108.8	219433	429364	219453	429392	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With kelp and gravel	Scope
IE002159_T108.9	219453	429392	219496	429426	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T108.10	219496	429426	219519	429443	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T108.11	219519	429443	219530	429459	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	With kelp	Scope
IE002159_T108.12	219530	429459	219531	429467	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T108.13	219531	429467	219533	429479	Kelp	Other		Scope
IE002159_T108.14	219533	429479	219548	429492	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T108.15	219548	429492	219563	429500	Kelp	Other		Scope
IE002159_T108.16	219563	429500	219606	429526	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T108.17	219606	429526	219638	429543	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T108.18	219638	429543	219660	429579	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T108.19	219660	429579	219722	429604	Mud	Other		Scope
IE002159_T108.20	219722	429604	219741	429605	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With kelp	Scope
IE002159_T108.21	219741	429605	219763	429604	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With kelp	Scope
IE002159_T108.22	219763	429604	219775	429604	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T108.23	219775	429604	219782	429615	Mud	Other		Scope
IE002159_T108.24	219782	429615	219780	429622	Rock	Other		Scope
IE002159_T108.25	219780	429622	219776	429633	Mud	Other		Scope
IE002159_T108.26	219776	429633	219771	429644	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T108.27	219771	429644	End Point	End Point	Mud	Other		Scope
IE002159_T109	219669	428322	219560	428330	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T109.1	219560	428330	219539	428307	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T109.2	219539	428307	219619	428248	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T109.3	219619	428248	219625	428219	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T109.4	219625	428219	219442	428159	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T109.5	219442	428159	219556	428088	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T109.6	219556	428088	219460	428066	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T109.7	219460	428066	219428	428089	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T109.8	219428	428089	219455	428132	<i>Zostera noltii</i> Frequent Patchy	<i>Zostera noltii</i> Frequent Patchy		Scope
IE002159_T109.9	219455	428132	219500	428206	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T109.10	219500	428206	219507	428270	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T109.11	219507	428270	219547	428298	<i>Zostera noltii</i> Frequent Patchy	<i>Zostera noltii</i> Frequent Patchy		Scope
IE002159_T109.12	219547	428298	219713	428275	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T109.13	219713	428275	219764	428369	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T109.14	219764	428369	End Point	End Point	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T110	219674	429107	219653	429155	Mud	Other	With anemones	Scope
IE002159_T110.1	219653	429155	219654	429173	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T110.2	219654	429173	219650	429272	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T110.3	219650	429272	219635	429352	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T110.4	219635	429352	219621	429403	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T110.5	219621	429403	219614	429434	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T110.6	219614	429434	219612	429450	Mud	Other	With anemones	Scope
IE002159_T110.7	219612	429450	219617	429466	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T110.8	219617	429466	219630	429521	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T110.9	219630	429521	219619	429536	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T110.10	219619	429536	219588	429555	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T110.11	219588	429555	End Point	End Point	Mud	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T111	219469	429416	219480	429408	Mud	Other		Scope
IE002159_T111.1	219480	429408	219493	429402	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T111.2	219493	429402	219510	429384	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T111.3	219510	429384	219442	429365	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T111.4	219442	429365	219429	429364	Sand	Other	With macroalgae	Scope
IE002159_T111.5	219429	429364	219408	429312	Mud	Other	With anemones	Scope
IE002159_T111.6	219408	429312	219417	429294	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T111.7	219417	429294	219419	429283	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T111.8	219419	429283	219412	429270	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy	With kelp	Scope
IE002159_T111.9	219412	429270	219371	429264	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy	With kelp	Scope
IE002159_T111.10	219371	429264	219361	429198	Mud	Other		Scope
IE002159_T111.11	219361	429198	219362	429178	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T111.12	219362	429178	End Point	End Point	Kelp	Other		Scope
IE002159_T112	219088	429382	219078	429385	Mud	Other		Scope
IE002159_T112.1	219078	429385	219065	429417	Kelp	Other		Scope
IE002159_T112.2	219065	429417	219051	429425	Kelp	Other		Scope
IE002159_T112.3	219051	429425	End Point	End Point	Rock	Other	With anemones	Scope
IE002159_T113	219406	430151	219383	430157	Mud	Other		Scope
IE002159_T113.1	219383	430157	219329	430209	Kelp	Other		Scope
IE002159_T113.2	219329	430209	219309	430239	Kelp	Other		Scope
IE002159_T113.3	219309	430239	219289	430265	Rock	Other		Scope
IE002159_T113.4	219289	430265	219277	430284	Kelp	Other		Scope
IE002159_T113.5	219277	430284	219259	430301	Sand	Other	With macroalgae	Scope
IE002159_T113.6	219259	430301	219256	430315	Mud	Other		Scope
IE002159_T113.7	219256	430315	219244	430362	Mud	Other		Scope
IE002159_T113.8	219244	430362	219203	430365	Mud	Other	With anemones	Scope
IE002159_T113.9	219203	430365	219144	430317	Mud	Other		Scope
IE002159_T113.10	219144	430317	219102	430305	Mud	Other	With filamentous green macroalgae	Scope
IE002159_T113.11	219102	430305	219050	430292	Mud	Other		Scope
IE002159_T113.12	219050	430292	219040	430283	Mud	Other		Scope
IE002159_T113.13	219040	430283	219030	430274	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T113.14	219030	430274	219022	430261	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T113.15	219022	430261	219007	430229	Mud	Other		Scope
IE002159_T113.16	219007	430229	218982	430211	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T113.17	218982	430211	218949	430188	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T113.18	218949	430188	218969	430169	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T113.19	218969	430169	219008	430160	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T113.20	219008	430160	219009	430137	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T113.21	219009	430137	219002	430102	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T113.22	219002	430102	218995	430085	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T113.23	218995	430085	End Point	End Point	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T114	219663	430261	219685	430244	Mud	Other	With kelp	Scope
IE002159_T114.1	219685	430244	219702	430226	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T114.2	219702	430226	219713	430216	Mud	Other		Scope
IE002159_T114.3	219713	430216	219763	430212	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T114.4	219763	430212	219747	430232	Kelp	Other		Scope
IE002159_T114.5	219747	430232	219732	430237	Rock	Other		Scope
IE002159_T114.6	219732	430237	219703	430242	Mud	Other		Scope
IE002159_T114.7	219703	430242	219688	430230	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T114.8	219688	430230	End Point	End Point	Mud	Other		Scope
IE002159_T115	219891	430054	219880	430011	Kelp	Other		Scope
IE002159_T115.1	219880	430011	219848	429955	Gravel	Other	With kelp and anemones	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T115.2	219848	429955	219854	429929	Kelp	Other		Scope
IE002159_T115.3	219854	429929	219864	429875	Mud	Other	With kelp	Scope
IE002159_T115.4	219864	429875	219905	429810	Rock	Other		Scope
IE002159_T115.5	219905	429810	219899	429777	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T115.6	219899	429777	219895	429766	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T115.7	219895	429766	219882	429732	Mud	Other		Scope
IE002159_T115.8	219882	429732	219865	429691	Mud	Other		Scope
IE002159_T115.9	219865	429691	219841	429668	Kelp	Other		Scope
IE002159_T115.10	219841	429668	219788	429615	Kelp	Other	With macroalgae	Scope
IE002159_T115.11	219788	429615	End Point	End Point	Kelp	Other		Scope
IE002159_T116	220008	430399	220028	430448	Mud	Other	With anemones	Scope
IE002159_T116.1	220028	430448	220034	430460	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T116.2	220034	430460	220051	430486	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T116.3	220051	430486	220073	430512	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T116.4	220073	430512	220087	430524	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T116.5	220087	430524	220103	430539	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T116.6	220103	430539	220120	430557	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T116.7	220120	430557	220132	430578	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T116.8	220132	430578	220140	430599	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T116.9	220140	430599	220151	430626	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T116.10	220151	430626	220161	430666	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T116.11	220161	430666	End Point	End Point	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T117	220108	430694	220102	430681	Mud	Other		Scope
IE002159_T117.1	220102	430681	220102	430662	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T117.2	220102	430662	220103	430652	Mud	Other		Scope
IE002159_T117.3	220103	430652	220107	430623	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T117.4	220107	430623	220102	430556	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T117.5	220102	430556	220091	430542	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T117.6	220091	430542	220069	430527	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T117.7	220069	430527	220058	430521	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T117.8	220058	430521	220041	430512	Mud	Other		Scope
IE002159_T117.9	220041	430512	220030	430502	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T117.10	220030	430502	220012	430480	Kelp	Other		Scope
IE002159_T117.11	220012	430480	220006	430470	Mud	Other		Scope
IE002159_T117.12	220006	430470	219992	430449	Kelp	Other		Scope
IE002159_T117.13	219992	430449	219938	430419	Kelp	Other		Scope
IE002159_T117.14	219938	430419	219871	430485	Kelp	Other		Scope
IE002159_T117.15	219871	430485	219862	430505	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T117.16	219862	430505	219846	430526	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T117.17	219846	430526	219806	430543	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T117.18	219806	430543	219764	430541	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T117.19	219764	430541	219713	430524	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T117.20	219713	430524	219707	430510	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T117.21	219707	430510	219694	430487	Mud	Other		Scope
IE002159_T117.22	219694	430487	219691	430479	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T117.23	219691	430479	219655	430476	Kelp	Other		Scope
IE002159_T117.24	219655	430476	219623	430501	Mud	Other		Scope
IE002159_T117.25	219623	430501	219611	430521	Sand	Other	With macroalgae	Scope
IE002159_T117.26	219611	430521	219575	430570	<i>Zostera noltii</i> Occasional Patchy	<i>Zostera noltii</i> Occasional Patchy		Scope
IE002159_T117.27	219575	430570	219564	430578	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T117.28	219564	430578	End Point	End Point	Sand	Other	With macroalgae	Scope
IE002159_T118	219520	430539	219517	430510	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional	Start of <i>Zostera marina</i>	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T118.1	219517	430510	219516	430497	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T118.2	219516	430497	219516	430481	Gravel	Other		Scope
IE002159_T118.3	219516	430481	219536	430469	Mud	Other		Scope
IE002159_T118.4	219536	430469	219557	430500	Mud	Other		Scope
IE002159_T118.5	219557	430500	219565	430526	Gravel	Other		Scope
IE002159_T118.6	219565	430526	219581	430562	<i>Zostera noltii</i> Occasional Patchy	<i>Zostera noltii</i> Occasional Patchy		Scope
IE002159_T118.7	219581	430562	219613	430628	Mud	Other		Scope
IE002159_T118.8	219613	430628	219668	430653	Mud	Other		Scope
IE002159_T118.9	219668	430653	219717	430676	Mud	Other		Scope
IE002159_T118.10	219717	430676	219741	430703	Mud	Other	With macroalgae	Scope
IE002159_T118.11	219741	430703	219762	430728	Mud	Other		Scope
IE002159_T118.12	219762	430728	219776	430745	Mud	Other	With macroalgae	Scope
IE002159_T118.13	219776	430745	219848	430800	Mud	Other		Scope
IE002159_T118.14	219848	430800	219897	430805	Mud	Other		Scope
IE002159_T118.15	219897	430805	219909	430784	Mud	Other	With macroalgae	Scope
IE002159_T118.16	219909	430784	219908	430762	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T118.17	219908	430762	219906	430745	Mud	Other	With macroalgae	Scope
IE002159_T118.18	219906	430745	219897	430722	Mud	Other		Scope
IE002159_T118.19	219897	430722	219888	430709	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T118.20	219888	430709	219881	430702	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T118.21	219881	430702	219835	430650	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T118.22	219835	430650	219838	430627	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T118.23	219838	430627	219845	430614	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T118.24	219845	430614	219854	430603	Mud	Other		Scope
IE002159_T118.25	219854	430603	219864	430590	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T118.26	219864	430590	219888	430582	Mud	Other		Scope
IE002159_T118.27	219888	430582	219920	430596	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T118.28	219920	430596	219931	430607	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T118.29	219931	430607	219983	430670	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T118.30	219983	430670	220003	430693	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T118.31	220003	430693	220036	430732	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T118.32	220036	430732	220055	430760	Mud	Other		Scope
IE002159_T118.33	220055	430760	220069	430780	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T118.34	220069	430780	End Point	End Point	Mud	Other	With macroalgae	Scope
IE002159_T119	220085	430882	220082	430929	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T119.1	220082	430929	220087	430952	Kelp	Other		Scope
IE002159_T119.2	220087	430952	220097	430952	Kelp	Other		Scope
IE002159_T119.3	220097	430952	220093	430935	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T119.4	220093	430935	220084	430914	Mud	Other	With macroalgae	Scope
IE002159_T119.5	220084	430914	220055	430871	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T119.6	220055	430871	220012	430867	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T119.7	220012	430867	220000	430869	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T119.8	220000	430869	219979	430880	Mud	Other	With macroalgae	Scope
IE002159_T119.9	219979	430880	220037	430909	Mud	Other		Scope
IE002159_T119.10	220037	430909	220051	430904	Mud	Other		Scope
IE002159_T119.11	220051	430904	220079	430872	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T119.12	220079	430872	220085	430828	Mud	Other	With macroalgae	Scope
IE002159_T119.13	220085	430828	220080	430805	Mud	Other	With macroalgae	Scope
IE002159_T119.14	220080	430805	220062	430775	Mud	Other		Scope
IE002159_T119.15	220062	430775	220029	430757	<i>Zostera noltii</i> Occasional Patchy	<i>Zostera noltii</i> Occasional Patchy	With macroalgae	Scope
IE002159_T119.16	220029	430757	219989	430734	Mud	Other		Scope
IE002159_T119.17	219989	430734	219960	430718	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope



Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T119.18	219960	430718	219948	430707	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T119.19	219948	430707	219939	430697	Mud	Other		Scope
IE002159_T119.20	219939	430697	219923	430677	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T119.21	219923	430677	219898	430639	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T119.22	219898	430639	219886	430613	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T119.23	219886	430613	219875	430592	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T119.24	219875	430592	219854	430558	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T119.25	219854	430558	219830	430538	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T119.26	219830	430538	219816	430526	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T119.27	219816	430526	219805	430521	Mud	Other		Scope
IE002159_T119.28	219805	430521	219791	430517	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T119.29	219791	430517	219769	430513	Mud	Other		Scope
IE002159_T119.30	219769	430513	219746	430510	<i>Zostera noltii</i> Occasional Patchy	<i>Zostera noltii</i> Occasional Patchy		Scope
IE002159_T119.31	219746	430510	219742	430491	<i>Zostera noltii</i> Occasional Patchy	<i>Zostera noltii</i> Occasional Patchy		Scope
IE002159_T119.32	219742	430491	219708	430491	Mud	Other		Scope
IE002159_T119.33	219708	430491	End Point	End Point	Kelp	Other		Scope
IE002159_T120	220205	430983	220209	430935	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T120.1	220209	430935	220202	430881	Mud	Other		Scope
IE002159_T120.2	220202	430881	220212	430803	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T120.3	220212	430803	220207	430737	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T120.4	220207	430737	220203	430715	Mud	Other	With anemones	Scope
IE002159_T120.5	220203	430715	220200	430702	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T120.6	220200	430702	220195	430686	Mud	Other		Scope
IE002159_T120.7	220195	430686	220184	430664	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T120.8	220184	430664	220185	430647	Mud	Other		Scope
IE002159_T120.9	220185	430647	220197	430642	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T120.10	220197	430642	220211	430651	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T120.11	220211	430651	220221	430667	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T120.12	220221	430667	220233	430697	Mud	Other		Scope
IE002159_T120.13	220233	430697	220228	430710	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T120.14	220228	430710	220209	430766	Mud	Other		Scope
IE002159_T120.15	220209	430766	220237	430782	Mud	Other		Scope
IE002159_T120.16	220237	430782	220300	430800	Mud	Other		Scope
IE002159_T120.17	220300	430800	220261	430855	Mud	Other		Scope
IE002159_T120.18	220261	430855	220326	430891	Mud	Other		Scope
IE002159_T120.19	220326	430891	220328	430937	Mud	Other		Scope
IE002159_T120.20	220328	430937	220283	430992	Mud	Other		Scope
IE002159_T120.21	220283	430992	220299	431031	Mud	Other	With anemones	Scope
IE002159_T120.22	220299	431031	220320	431045	Kelp	Other		Scope
IE002159_T120.23	220320	431045	220386	431079	Mud	Other		Scope
IE002159_T120.24	220386	431079	220436	431122	Mud	Other		Scope
IE002159_T120.25	220436	431122	220414	431173	Mud	Other		Scope
IE002159_T120.26	220414	431173	220416	431188	Mud	Other		Scope
IE002159_T120.27	220416	431188	220427	431202	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T120.28	220427	431202	220448	431219	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T120.29	220448	431219	220466	431247	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T120.30	220466	431247	220467	431262	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T120.31	220467	431262	220447	431288	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T120.32	220447	431288	220407	431283	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T120.33	220407	431283	220391	431275	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T120.34	220391	431275	220348	431242	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T120.35	220348	431242	220330	431224	<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
IE002159_T120.36	220330	431224	220319	431212	Kelp	Other		Scope
IE002159_T120.37	220319	431212	220299	431198	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T120.38	220299	431198	220302	431211	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T120.39	220302	431211	220320	431242	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T120.40	220320	431242	220332	431256	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T120.41	220332	431256	220350	431280	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T120.42	220350	431280	220373	431314	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T120.43	220373	431314	220388	431306	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T120.44	220388	431306	220402	431299	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T120.45	220402	431299	220408	431287	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T120.46	220408	431287	220396	431253	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T120.47	220396	431253	220376	431242	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T120.48	220376	431242	220357	431219	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy	With gravel	Scope
IE002159_T120.49	220357	431219	220347	431179	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T120.50	220347	431179	220347	431169	Gravel	Other		Scope
IE002159_T120.51	220347	431169	220366	431152	Kelp	Other		Scope
IE002159_T120.52	220366	431152	220380	431161	Kelp	Other		Scope
IE002159_T120.53	220380	431161	220390	431173	Kelp	Other		Scope
IE002159_T120.54	220390	431173	220398	431182	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T120.55	220398	431182	220411	431195	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T120.56	220411	431195	220422	431214	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T120.57	220422	431214	220428	431232	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T120.58	220428	431232	220431	431251	Kelp	Other		Scope
IE002159_T120.59	220431	431251	220451	431322	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T120.60	220451	431322	220458	431302	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T120.61	220458	431302	220461	431280	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T120.62	220461	431280	220460	431252	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T120.63	220460	431252	220464	431210	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T120.64	220464	431210	220470	431182	Mud	Other		Scope
IE002159_T120.65	220470	431182	220460	431124	Mud	Other		Scope
IE002159_T120.66	220460	431124	220386	431088	Mud	Other		Scope
IE002159_T120.67	220386	431088	220303	431126	Mud	Other	With anemones	Scope
IE002159_T120.68	220303	431126	220279	431187	Mud	Other		Scope
IE002159_T120.69	220279	431187	220262	431221	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T120.70	220262	431221	220240	431242	Kelp	Other	With mud	Scope
IE002159_T120.71	220240	431242	220269	431263	Mud	Other		Scope
IE002159_T120.72	220269	431263	220267	431280	Kelp	Other		Scope
IE002159_T120.73	220267	431280	220250	431292	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T120.74	220250	431292	220232	431303	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T120.75	220232	431303	220227	431339	Mud	Other		Scope
IE002159_T120.76	220227	431339	220305	431366	Mud	Other		Scope
IE002159_T120.77	220305	431366	220312	431372	Mud	Other		Scope
IE002159_T120.78	220312	431372	220331	431397	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T120.79	220331	431397	220364	431423	Mud	Other		Scope
IE002159_T120.80	220364	431423	220385	431443	Mud	Other		Scope
IE002159_T120.81	220385	431443	220421	431481	Mud	Other		Scope
IE002159_T120.82	220421	431481	220453	431498	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T120.83	220453	431498	220447	431614	Mud	Other		Scope
IE002159_T120.84	220447	431614	220403	431663	Mud	Other		Scope
IE002159_T120.85	220403	431663	220349	431677	Mud	Other		Scope
IE002159_T120.86	220349	431677	220337	431700	Mud	Other		Scope
IE002159_T120.87	220337	431700	220325	431710	<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
IE002159_T120.88	220325	431710	220325	431717	Mud	Other		Scope
IE002159_T120.89	220325	431717	220340	431710	Mud	Other	With macroalgae	Scope
IE002159_T120.90	220340	431710	220411	431690	Mud	Other		Scope
IE002159_T120.91	220411	431690	220400	431630	Mud	Other		Scope
IE002159_T120.92	220400	431630	End Point	End Point	Mud	Other		Scope
IE002159_T121	220342	431911	220472	431977	Mud	Other		Scope
IE002159_T121.1	220472	431977	220617	432075	Mud	Other		Scope
IE002159_T121.2	220617	432075	220660	432117	Mud	Other		Scope
IE002159_T121.3	220660	432117	220674	432136	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T121.4	220674	432136	220692	432161	Mud	Other		Scope
IE002159_T121.5	220692	432161	220711	432200	Kelp	Other		Scope
IE002159_T121.6	220711	432200	220715	432213	Mud	Other		Scope
IE002159_T121.7	220715	432213	220710	432296	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T121.8	220710	432296	220705	432334	Mud	Other	With macroalgae	Scope
IE002159_T121.9	220705	432334	220707	432389	Mud	Other		Scope
IE002159_T121.10	220707	432389	220716	432441	Kelp	Other		Scope
IE002159_T121.11	220716	432441	220709	432450	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T121.12	220709	432450	220686	432550	Mud	Other		Scope
IE002159_T121.13	220686	432550	220705	432612	Mud	Other		Scope
IE002159_T121.14	220705	432612	End Point	End Point	Mud	Other		Scope
IE002159_T122	220903	432882	220961	432883	Mud	Other		Scope
IE002159_T122.1	220961	432883	220970	432926	Gravel	Other		Scope
IE002159_T122.2	220970	432926	220987	433035	Mud	Other		Scope
IE002159_T122.3	220987	433035	221089	433108	Mud	Other		Scope
IE002159_T122.4	221089	433108	221121	433153	Mud	Other		Scope
IE002159_T122.5	221121	433153	221100	433210	Mud	Other		Scope
IE002159_T122.6	221100	433210	End Point	End Point	Mud	Other		Scope
IE002159_T123	220887	433199	220845	433192	Mud	Other		Scope
IE002159_T123.1	220845	433192	220817	433220	Mud	Other		Scope
IE002159_T123.2	220817	433220	End Point	End Point	Mud	Other		Scope
IE002159_T124	220697	433627	220697	433619	Kelp	Other		Scope
IE002159_T124.1	220697	433619	220687	433644	Kelp	Other		Scope
IE002159_T124.2	220687	433644	End Point	End Point	Mud	Other	With macroalgae	Scope
IE002159_T125	220782	433874	220824	433907	Mud	Other		Scope
IE002159_T125.1	220824	433907	End Point	End Point	Mud	Other		Scope
IE002159_T126	221021	433936	221043	433922	Mud	Other		Scope
IE002159_T126.1	221043	433922	221010	433887	Gravel	Other		Scope
IE002159_T126.2	221010	433887	220966	433837	Gravel	Other		Scope
IE002159_T126.3	220966	433837	220939	433792	Gravel	Other	With shell	Scope
IE002159_T126.4	220939	433792	End Point	End Point	Mud	Other		Scope
IE002159_T127	220776	433506	220754	433441	Kelp	Other		Scope
IE002159_T127.1	220754	433441	End Point	End Point	Rock	Other		Scope
IE002159_T128	221346	434471	221362	434519	Mud	Other		Scope
IE002159_T128.1	221362	434519	221379	434579	Mud	Other		Scope
IE002159_T128.2	221379	434579	221397	434634	Mud	Other	With anemones	Scope
IE002159_T128.3	221397	434634	221403	434655	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T128.4	221403	434655	221399	434680	Kelp	Other		Scope
IE002159_T128.5	221399	434680	221362	434739	Mud	Other		Scope
IE002159_T128.6	221362	434739	221303	434825	Mud	Other		Scope
IE002159_T128.7	221303	434825	221178	434770	Mud	Other	With kelp	Scope
IE002159_T128.8	221178	434770	221145	434840	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T128.9	221145	434840	221087	434853	Mud	Other	With macroalgae and broken shell	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T128.10	221087	434853	221005	434866	Mud	Other	With macroalgae	Scope
IE002159_T128.11	221005	434866	220933	434874	Mud	Other	With anemones	Scope
IE002159_T128.12	220933	434874	220895	434890	Gravel	Other	With anemones	Scope
IE002159_T128.13	220895	434890	220834	434944	Gravel	Other	With macroalgae and kelp	Scope
IE002159_T128.14	220834	434944	220798	435037	Gravel	Other		Scope
IE002159_T128.15	220798	435037	220779	435087	Mud	Other	With shell	Scope
IE002159_T128.16	220779	435087	220754	435145	Gravel	Other	With kelp	Scope
IE002159_T128.17	220754	435145	220684	435213	Mud	Other		Scope
IE002159_T128.18	220684	435213	220616	435236	Mud	Other		Scope
IE002159_T128.19	220616	435236	220561	435250	Mud	Other	With macroalgae	Scope
IE002159_T128.20	220561	435250	220492	435277	Mud	Other	With macroalgae	Scope
IE002159_T128.21	220492	435277	220469	435291	Gravel	Other	With macroalgae	Scope
IE002159_T128.22	220469	435291	220455	435304	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T128.23	220455	435304	220446	435310	Gravel	Other		Scope
IE002159_T128.24	220446	435310	220435	435307	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T128.25	220435	435307	220399	435303	Gravel	Other		Scope
IE002159_T128.26	220399	435303	220399	435350	Mud	Other		Scope
IE002159_T128.27	220399	435350	220411	435380	Mud	Other	With macroalgae	Scope
IE002159_T128.28	220411	435380	220384	435389	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T128.29	220384	435389	220356	435432	Mud	Other		Scope
IE002159_T128.30	220356	435432	220363	435456	Mud	Other		Scope
IE002159_T128.31	220363	435456	220326	435493	Gravel	Other	With macroalgae	Scope
IE002159_T128.32	220326	435493	220316	435573	Mud	Other		Scope
IE002159_T128.33	220316	435573	220307	435609	Gravel	Other	With macroalgae	Scope
IE002159_T128.34	220307	435609	220298	435624	Gravel	Other		Scope
IE002159_T128.35	220298	435624	220302	435657	Mud	Other		Scope
IE002159_T128.36	220302	435657	220288	435692	Cobble	Other	With macroalgae and rock	Scope
IE002159_T128.37	220288	435692	220280	435750	Mud	Other		Scope
IE002159_T128.38	220280	435750	220288	435766	Gravel	Other		Scope
IE002159_T128.39	220288	435766	220296	435794	Cobble	Other		Scope
IE002159_T128.40	220296	435794	220284	435808	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T128.41	220284	435808	220289	435846	Mud	Other		Scope
IE002159_T128.42	220289	435846	220277	435915	Cobble	Other	With gravel	Scope
IE002159_T128.43	220277	435915	220307	435967	Mud	Other		Scope
IE002159_T128.44	220307	435967	220310	436001	Cobble	Other	With rocks	Scope
IE002159_T128.45	220310	436001	220327	436036	Mud	Other		Scope
IE002159_T128.46	220327	436036	220332	436062	Cobble	Other	With rocks	Scope
IE002159_T128.47	220332	436062	220319	436102	Mud	Other		Scope
IE002159_T128.48	220319	436102	220382	436139	Mud	Other		Scope
IE002159_T128.49	220382	436139	220401	436156	Mud	Other		Scope
IE002159_T128.50	220401	436156	220385	436225	Cobble	Other		Scope
IE002159_T128.51	220385	436225	220448	436314	Mud	Other		Scope
IE002159_T128.52	220448	436314	220441	436342	Mud	Other	With cobble	Scope
IE002159_T128.53	220441	436342	220405	436386	Mud	Other		Scope
IE002159_T128.54	220405	436386	220425	436456	Mud	Other		Scope
IE002159_T128.55	220425	436456	220375	436521	Mud	Other	With cobble	Scope
IE002159_T128.56	220375	436521	220385	436550	Mud	Other	With gravel	Scope
IE002159_T128.57	220385	436550	220396	436566	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T128.58	220396	436566	220400	436585	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T128.59	220400	436585	220288	436633	Gravel	Other		Scope
IE002159_T128.60	220288	436633	220301	436654	Gravel	Other		Scope
IE002159_T128.61	220301	436654	220336	436687	Gravel	Other	With macroalgae and cobble	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T128.62	220336	436687	220348	436758	Gravel	Other		Scope
IE002159_T128.63	220348	436758	220327	436778	Cobble	Other	With macroalgae	Scope
IE002159_T128.64	220327	436778	220336	436839	Mud	Other		Scope
IE002159_T128.65	220336	436839	220342	436899	Gravel	Other	With macroalgae	Scope
IE002159_T128.66	220342	436899	220316	436918	Gravel	Other		Scope
IE002159_T128.67	220316	436918	220288	436913	Gravel	Other		Scope
IE002159_T128.68	220288	436913	220282	436922	Gravel	Other		Scope
IE002159_T128.69	220282	436922	220266	436972	Gravel	Other	With macroalgae	Scope
IE002159_T128.70	220266	436972	220256	437017	Mud	Other	With macroalgae	Scope
IE002159_T128.71	220256	437017	220251	437093	Muddy sand	Other		Scope
IE002159_T128.72	220251	437093	220253	437165	Muddy sand	Other		Scope
IE002159_T128.73	220253	437165	220246	437202	Muddy sand	Other		Scope
IE002159_T128.74	220246	437202	220218	437192	Gravel	Other		Scope
IE002159_T128.75	220218	437192	220190	437166	Muddy sand	Other	With gravel	Scope
IE002159_T128.76	220190	437166	220189	437131	Muddy sand	Other		Scope
IE002159_T128.77	220189	437131	220183	437100	Muddy sand	Other		Scope
IE002159_T128.78	220183	437100	220182	437037	Mud	Other		Scope
IE002159_T128.79	220182	437037	220182	436981	Gravel	Other	With macroalgae	Scope
IE002159_T128.80	220182	436981	220167	436930	Gravel	Other		Scope
IE002159_T128.81	220167	436930	220069	436964	Gravel	Other		Scope
IE002159_T128.82	220069	436964	219995	437022	Gravel	Other	With macroalgae	Scope
IE002159_T128.83	219995	437022	219967	437054	Gravel	Other	With macroalgae	Scope
IE002159_T128.84	219967	437054	219925	437110	Sandy mud	Other	With macroalgae	Scope
IE002159_T128.85	219925	437110	219925	437084	Muddy sand	Other		Scope
IE002159_T128.86	219925	437084	219952	437024	Muddy sand	Other		Scope
IE002159_T128.87	219952	437024	219955	436973	Sandy mud	Other		Scope
IE002159_T128.88	219955	436973	219898	436856	Mud	Other	With macroalgae	Scope
IE002159_T128.89	219898	436856	219831	436814	Mud	Other	With anemones	Scope
IE002159_T128.90	219831	436814	End Point	End Point	Mud	Other	With anemones	Scope
IE002159_T129	219557	436712	219463	436787	Mud	Other	With anemones	Scope
IE002159_T129.1	219463	436787	219384	436798	Mud	Other	With macroalgae and cobble	Scope
IE002159_T129.2	219384	436798	219326	436815	Mud	Other		Scope
IE002159_T129.3	219326	436815	219278	436891	Mud	Other	With macroalgae	Scope
IE002159_T129.4	219278	436891	219234	436963	Mud	Other	With macroalgae	Scope
IE002159_T129.5	219234	436963	219175	437009	Gravel	Other	With macroalgae	Scope
IE002159_T129.6	219175	437009	219104	436968	Gravel	Other	With macroalgae	Scope
IE002159_T129.7	219104	436968	End Point	End Point	Gravel	Other	With macroalgae	Scope
IE002159_T130	219128	430741	219125	430768	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T130.1	219125	430768	219135	430816	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> occupies entire width of area	Scope
IE002159_T130.2	219135	430816	219144	430829	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T130.3	219144	430829	End Point	End Point	Mud	Other	With macroalgae	Scope
IE002159_T131	219149	430742	219170	430738	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T131.1	219170	430738	219174	430766	Mud	Other		Scope
IE002159_T131.2	219174	430766	219187	430794	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T131.3	219187	430794	219203	430830	Mud	Other		Scope
IE002159_T131.4	219203	430830	219198	430855	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.5	219198	430855	219213	430861	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.6	219213	430861	219228	430869	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.7	219228	430869	219242	430882	Mud	Other		Scope
IE002159_T131.8	219242	430882	219243	430920	Mud	Other	With macroalgae	Scope
IE002159_T131.9	219243	430920	219274	430948	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T131.10	219274	430948	219293	430888	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T131.11	219293	430888	219284	430852	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.12	219284	430852	219276	430831	Mud	Other		Scope
IE002159_T131.13	219276	430831	219314	430841	Mud	Other	With anemones	Scope
IE002159_T131.14	219314	430841	219323	430850	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.15	219323	430850	219376	430837	Kelp	Other		Scope
IE002159_T131.16	219376	430837	219384	430897	Mud	Other	With anemones	Scope
IE002159_T131.17	219384	430897	219377	430906	Mud	Other		Scope
IE002159_T131.18	219377	430906	219359	430931	Kelp	Other		Scope
IE002159_T131.19	219359	430931	219370	430967	Mud	Other		Scope
IE002159_T131.20	219370	430967	219326	431031	Mud	Other	With macroalgae	Scope
IE002159_T131.21	219326	431031	219300	431055	Mud	Other	With macroalgae	Scope
IE002159_T131.22	219300	431055	219253	431078	Sand	Other	With macroalgae and gravel	Scope
IE002159_T131.23	219253	431078	219228	431065	Mud	Other	With macroalgae	Scope
IE002159_T131.24	219228	431065	219222	431042	Mud	Other	With macroalgae	Scope
IE002159_T131.25	219222	431042	219222	431031	Mud	Other		Scope
IE002159_T131.26	219222	431031	219209	430993	Mud	Other	With macroalgae	Scope
IE002159_T131.27	219209	430993	219199	430981	Mud	Other	With macroalgae	Scope
IE002159_T131.28	219199	430981	219210	430994	<i>Zostera noltii</i> Rare Patchy	<i>Zostera noltii</i> Rare Patchy		Scope
IE002159_T131.29	219210	430994	219212	431059	Mud	Other		Scope
IE002159_T131.30	219212	431059	219192	431106	Mud	Other	With macroalgae	Scope
IE002159_T131.31	219192	431106	219205	431170	Sand	Other	Muddy sand	Scope
IE002159_T131.32	219205	431170	219255	431114	Sand	Other	Muddy sand	Scope
IE002159_T131.33	219255	431114	219274	431069	Muddy sand	Other		Scope
IE002159_T131.34	219274	431069	219312	431049	Sandy mud	Other	With gravel	Scope
IE002159_T131.35	219312	431049	219353	431063	Kelp	Other	With macroalgae	Scope
IE002159_T131.36	219353	431063	219369	431184	Muddy sand	Other		Scope
IE002159_T131.37	219369	431184	219354	431239	Mud	Other		Scope
IE002159_T131.38	219354	431239	219365	431283	Mud	Other	With macroalgae	Scope
IE002159_T131.39	219365	431283	219388	431316	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T131.40	219388	431316	219357	431341	Mud	Other		Scope
IE002159_T131.41	219357	431341	219382	431397	Kelp	Other	With macroalgae	Scope
IE002159_T131.42	219382	431397	219380	431452	Mud	Other	With anemones	Scope
IE002159_T131.43	219380	431452	219377	431512	Kelp	Other	With macroalgae	Scope
IE002159_T131.44	219377	431512	219406	431574	Kelp	Other	With macroalgae	Scope
IE002159_T131.45	219406	431574	219448	431623	Mud	Other	With macroalgae and gravel	Scope
IE002159_T131.46	219448	431623	219441	431644	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.47	219441	431644	219439	431658	Mud	Other	With macroalgae	Scope
IE002159_T131.48	219439	431658	219452	431695	Mud	Other	With macroalgae	Scope
IE002159_T131.49	219452	431695	219462	431736	Mud	Other	With macroalgae	Scope
IE002159_T131.50	219462	431736	219469	431758	Mud	Other	With macroalgae	Scope
IE002159_T131.51	219469	431758	219478	431794	Kelp	Other	With macroalgae	Scope
IE002159_T131.52	219478	431794	219498	431858	Kelp	Other	With macroalgae	Scope
IE002159_T131.53	219498	431858	219511	431886	Mud	Other	With macroalgae	Scope
IE002159_T131.54	219511	431886	219509	431901	Muddy sand	Other	With macroalgae	Scope
IE002159_T131.55	219509	431901	219522	431906	Muddy sand	Other	With macroalgae	Scope
IE002159_T131.56	219522	431906	219517	431888	Mud	Other		Scope
IE002159_T131.57	219517	431888	219515	431867	Mud	Other		Scope
IE002159_T131.58	219515	431867	219535	431849	Mud	Other	With macroalgae	Scope
IE002159_T131.59	219535	431849	219585	431849	Mud	Other	With kelp	Scope
IE002159_T131.60	219585	431849	219640	431857	Mud	Other	With macroalgae	Scope
IE002159_T131.61	219640	431857	219693	431879	Kelp	Other		Scope
IE002159_T131.62	219693	431879	219749	431927	Mud	Other	With anemones	Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T131.63	219749	431927	219722	431958	Mud	Other		Scope
IE002159_T131.64	219722	431958	219672	431937	Kelp	Other		Scope
IE002159_T131.65	219672	431937	219656	432006	Mud	Other	With anemones	Scope
IE002159_T131.66	219656	432006	219674	432089	Mud	Other	With anemones	Scope
IE002159_T131.67	219674	432089	219650	432106	Mud	Other		Scope
IE002159_T131.68	219650	432106	219622	432097	Mud	Other		Scope
IE002159_T131.69	219622	432097	219599	432083	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T131.70	219599	432083	219578	432069	Muddy sand	Other		Scope
IE002159_T131.71	219578	432069	219627	432116	Sandy mud	Other		Scope
IE002159_T131.72	219627	432116	219652	432140	Mud	Other		Scope
IE002159_T131.73	219652	432140	219675	432177	Mud	Other	With anemones	Scope
IE002159_T131.74	219675	432177	219677	432197	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.75	219677	432197	219675	432216	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.76	219675	432216	219670	432244	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.77	219670	432244	219666	432267	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.78	219666	432267	219651	432298	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T131.79	219651	432298	219643	432322	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T131.80	219643	432322	219630	432363	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T131.81	219630	432363	219623	432402	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T131.82	219623	432402	219619	432414	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.83	219619	432414	219580	432391	Mud	Other		Scope
IE002159_T131.84	219580	432391	219563	432374	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T131.85	219563	432374	219559	432355	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T131.86	219559	432355	219584	432309	Muddy sand	Other		Scope
IE002159_T131.87	219584	432309	219616	432315	Muddy sand	Other		Scope
IE002159_T131.88	219616	432315	219655	432337	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T131.89	219655	432337	219687	432351	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T131.90	219687	432351	219700	432355	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.91	219700	432355	219711	432355	Mud	Other		Scope
IE002159_T131.92	219711	432355	219733	432342	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.93	219733	432342	219733	432307	Kelp	Other		Scope
IE002159_T131.94	219733	432307	219730	432273	Kelp	Other		Scope
IE002159_T131.95	219730	432273	219722	432256	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.96	219722	432256	219693	432235	Mud	Other		Scope
IE002159_T131.97	219693	432235	219712	432183	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.98	219712	432183	219729	432177	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.99	219729	432177	219745	432179	Mud	Other		Scope
IE002159_T131.100	219745	432179	219784	432197	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.101	219784	432197	219817	432220	Mud	Other		Scope
IE002159_T131.102	219817	432220	219781	432308	Mud	Other		Scope
IE002159_T131.103	219781	432308	219746	432361	Mud	Other	With anemones	Scope
IE002159_T131.104	219746	432361	219729	432394	Mud	Other	With anemones	Scope
IE002159_T131.105	219729	432394	219716	432417	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.106	219716	432417	219706	432447	Mud	Other		Scope
IE002159_T131.107	219706	432447	219699	432474	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.108	219699	432474	219685	432519	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T131.109	219685	432519	219687	432541	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T131.110	219687	432541	219706	432568	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.111	219706	432568	219740	432612	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T131.112	219740	432612	219749	432623	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.113	219749	432623	219773	432642	Mud	Other	With gravel	Scope
IE002159_T131.114	219773	432642	219791	432647	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T131.115	219791	432647	219807	432663	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.116	219807	432663	219836	432708	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T131.117	219836	432708	219848	432734	Mud	Other		Scope
IE002159_T131.118	219848	432734	219855	432748	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.119	219855	432748	219875	432802	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T131.120	219875	432802	219881	432818	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T131.121	219881	432818	219898	432838	Mud	Other		Scope
IE002159_T131.122	219898	432838	219907	432838	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.123	219907	432838	219887	432780	Mud	Other		Scope
IE002159_T131.124	219887	432780	219860	432769	Mud	Other		Scope
IE002159_T131.125	219860	432769	219845	432763	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T131.126	219845	432763	219839	432725	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T131.127	219839	432725	219832	432699	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.128	219832	432699	219765	432471	Mud	Other		Scope
IE002159_T131.129	219765	432471	219724	432479	Mud	Other	With anemones	Scope
IE002159_T131.130	219724	432479	219713	432459	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T131.131	219713	432459	219763	432438	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T131.132	219763	432438	219759	432407	Mud	Other	With anemones	Scope
IE002159_T131.133	219759	432407	219734	432407	Mud	Other		Scope
IE002159_T131.134	219734	432407	219702	432402	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T131.135	219702	432402	219702	432381	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T131.136	219702	432381	End Point	End Point	Mud	Other	With anemones	Scope
IE002159_T132	219945	432959	219943	433012	<i>Zostera marina</i> Rare Patchy	<i>Zostera marina</i> Rare Patchy		Scope
IE002159_T132.1	219943	433012	219933	433032	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T132.2	219933	433032	219897	433086	Mud	Other		Scope
IE002159_T132.3	219897	433086	219897	433106	Mud	Other	With macroalgae	Scope
IE002159_T132.4	219897	433106	219912	433118	Kelp	Other		Scope
IE002159_T132.5	219912	433118	219922	433158	Mud	Other	With anemones	Scope
IE002159_T132.6	219922	433158	219814	433119	Mud	Other		Scope
IE002159_T132.7	219814	433119	219794	433113	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T132.8	219794	433113	219770	433115	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T132.9	219770	433115	219745	433114	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T132.10	219745	433114	219730	433126	Mud	Other		Scope
IE002159_T132.11	219730	433126	219743	433154	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T132.12	219743	433154	219808	433157	Mud	Other		Scope
IE002159_T132.13	219808	433157	219814	433137	Mud	Other		Scope
IE002159_T132.14	219814	433137	219751	433094	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T132.15	219751	433094	219742	433098	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T132.16	219742	433098	219714	433126	Mud	Other		Scope
IE002159_T132.17	219714	433126	219700	433128	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T132.18	219700	433128	219684	433136	Mud	Other		Scope
IE002159_T132.19	219684	433136	219660	433143	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T132.20	219660	433143	219632	433157	Mud	Other		Scope
IE002159_T132.21	219632	433157	219636	433174	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T132.22	219636	433174	219582	433168	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T132.23	219582	433168	219573	433171	Mud	Other		Scope
IE002159_T132.24	219573	433171	219570	433190	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T132.25	219570	433190	219551	433230	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T132.26	219551	433230	219546	433243	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T132.27	219546	433243	219533	433251	Mud	Other		Scope
IE002159_T132.28	219533	433251	219516	433246	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T132.29	219516	433246	219505	433246	Mud	Other		Scope



Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T132.30	219505	433246	219506	433283	Kelp	Other	With macroalgae	Scope
IE002159_T132.31	219506	433283	219512	433296	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T132.32	219512	433296	219533	433303	Mud	Other		Scope
IE002159_T132.33	219533	433303	219546	433282	Mud	Other		Scope
IE002159_T132.34	219546	433282	219575	433265	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T132.35	219575	433265	219605	433251	Mud	Other		Scope
IE002159_T132.36	219605	433251	219606	433226	Mud	Other		Scope
IE002159_T132.37	219606	433226	219637	433213	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T132.38	219637	433213	219672	433224	Mud	Other		Scope
IE002159_T132.39	219672	433224	219682	433187	Mud	Other		Scope
IE002159_T132.40	219682	433187	219697	433157	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T132.41	219697	433157	219731	433168	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T132.42	219731	433168	End Point	End Point	Mud	Other		Scope
IE002159_T133	219467	433394	219462	433423	Mud	Other		Scope
IE002159_T133.1	219462	433423	219454	433474	Kelp	Other		Scope
IE002159_T133.2	219454	433474	219469	433549	Mud	Other	With macroalgae	Scope
IE002159_T133.3	219469	433549	219489	433600	Mud	Other		Scope
IE002159_T133.4	219489	433600	End Point	End Point	Mud	Other	With macroalgae	Scope
IE002159_T134	219594	433796	219597	433819	Mud	Other		Scope
IE002159_T134.1	219597	433819	219609	433835	Kelp	Other		Scope
IE002159_T134.2	219609	433835	219641	433862	Kelp	Other		Scope
IE002159_T134.3	219641	433862	219552	433912	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T134.4	219552	433912	219478	433911	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T134.5	219478	433911	219445	433926	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T134.6	219445	433926	End Point	End Point	Vision gone	Other		Scope
IE002159_T135	219417	433930	219395	433946	Mud	Other		Scope
IE002159_T135.1	219395	433946	219363	434007	Mud	Other		Scope
IE002159_T135.2	219363	434007	219351	434022	Mud	Other		Scope
IE002159_T135.3	219351	434022	219334	434039	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T135.4	219334	434039	219331	434052	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T135.5	219331	434052	219329	434064	Gravel	Other		Scope
IE002159_T135.6	219329	434064	219302	434088	Mud	Other		Scope
IE002159_T135.7	219302	434088	219297	434116	Gravel	Other		Scope
IE002159_T135.8	219297	434116	219288	434132	Kelp	Other		Scope
IE002159_T135.9	219288	434132	219290	434135	Mud	Other		Scope
IE002159_T135.10	219290	434135	219300	434141	Mud	Other		Scope
IE002159_T135.11	219300	434141	219227	434200	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T135.12	219227	434200	219200	434256	Mud	Other		Scope
IE002159_T135.13	219200	434256	219226	434325	Kelp	Other		Scope
IE002159_T135.14	219226	434325	219232	434351	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T135.15	219232	434351	219226	434361	Kelp	Other		Scope
IE002159_T135.16	219226	434361	End Point	End Point	Mud	Other	With anemones	Scope
IE002159_T136	219062	434466	219024	434473	Mud	Other		Scope
IE002159_T136.1	219024	434473	218998	434480	Mud	Other		Scope
IE002159_T136.2	218998	434480	218972	434489	Kelp	Other		Scope
IE002159_T136.3	218972	434489	218924	434492	Kelp	Other		Scope
IE002159_T136.4	218924	434492	218912	434494	Mud	Other	With macroalgae	Scope
IE002159_T136.5	218912	434494	218858	434506	Gravel	Other		Scope
IE002159_T136.6	218858	434506	218805	434502	Mud	Other		Scope
IE002159_T136.7	218805	434502	218766	434547	Mud	Other		Scope
IE002159_T136.8	218766	434547	218754	434615	Mud	Other		Scope
IE002159_T136.9	218754	434615	218751	434671	Mud	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T136.10	218751	434671	218744	434717	Mud	Other	With rocks	Scope
IE002159_T136.11	218744	434717	218752	434747	Cobble	Other		Scope
IE002159_T136.12	218752	434747	218754	434793	Mud	Other		Scope
IE002159_T136.13	218754	434793	218751	434839	Mud	Other	With anemones	Scope
IE002159_T136.14	218751	434839	218750	434880	Rock	Other	With Kelp	Scope
IE002159_T136.15	218750	434880	218748	434932	Mud	Other	With macroalgae	Scope
IE002159_T136.16	218748	434932	218742	434959	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T136.17	218742	434959	218739	434990	Mud	Other		Scope
IE002159_T136.18	218739	434990	218734	435014	Muddy sand	Other		Scope
IE002159_T136.19	218734	435014	End Point	End Point	Kelp	Other		Scope
IE002159_T137	218063	438779	End Point	End Point	Gravel	Other		Dive
IE002159_T138	218162	438994	End Point	End Point	Gravel	Other	With broken shell	Dive
IE002159_T139	217992	438752	217994	438776	<i>Limnaria bians</i>	<i>Limnaria bians</i>		Dive
IE002159_T139.1	217994	438776	End Point	End Point	<i>Limnaria bians</i>	<i>Limnaria bians</i>		Dive
IE002159_T140	218107	438751	218144	438737	<i>Limnaria bians</i>	<i>Limnaria bians</i>		Dive
IE002159_T140.1	218144	438737	End Point	End Point	<i>Limnaria bians</i>	<i>Limnaria bians</i>		Dive
IE002159_T141	218169	438450	218260	438495	Mud	Other		Dive
IE002159_T141.1	218260	438495	End Point	End Point	Cobble	Other	With macroalgae	Dive
IE002159_T142	218387	438195	218390	438218	<i>Limnaria bians</i>	<i>Limnaria bians</i>		Dive
IE002159_T142.1	218390	438218	End Point	End Point	<i>Limnaria bians</i>	<i>Limnaria bians</i>	With cobble and macroalgae	Dive
IE002159_T143	218668	438065	218698	438075	Mud	Other		Dive
IE002159_T143.1	218698	438075	End Point	End Point	Mud	Other	<i>Limnaria bians</i> , one individual, on mud and cobbles	Dive
IE002159_T144	218914	437896	218936	437912	<i>Limnaria bians</i>	<i>Limnaria bians</i>		Dive
IE002159_T144.1	218936	437912	End Point	End Point	<i>Limnaria bians</i>	<i>Limnaria bians</i>	With boulders	Dive
IE002159_T145	219210	437541	219242	437517	Mud	Other		Dive
IE002159_T145.1	219242	437517	End Point	End Point	Rock	Other	Stones on mud with <i>Haminea navicula</i> Abundant. One individual of <i>Limnaria bians</i> recorded	Dive
IE002159_T146	219021	437245	219032	437196	<i>Limnaria bians</i>	<i>Limnaria bians</i>	Steep slope	Dive
IE002159_T146.1	219032	437196	End Point	End Point	<i>Limnaria bians</i>	<i>Limnaria bians</i>	<i>Limnaria bians</i> , three individuals recorded found on boulder slope	Dive
IE002159_T147	219071	436896	219131	436931	Mud	Other	With gravel	Dive
IE002159_T147.1	219131	436931	End Point	End Point	Mud	Other	With rocks	Dive
IE002159_T148	218924	437219	218905	437214	<i>Limnaria bians</i>	<i>Limnaria bians</i>		Dive
IE002159_T148.1	218905	437214	End Point	End Point	<i>Limnaria bians</i>	<i>Limnaria bians</i>	<i>Limnaria bians</i> , one individual recorded close to shore	Dive
IE002159_T149	218742	437459	218714	437452	Mud	Other		Dive
IE002159_T149.1	218714	437452	End Point	End Point	Mud	Other	Mud to shore with <i>Ophiotrix fragilis</i> and <i>Ophichoma nigrum</i>	Dive
IE002159_T150	218620	437746	218631	437717	Mud	Other		Dive
IE002159_T150.1	218631	437717	End Point	End Point	Mud	Other	Mud with ascidians	Dive
IE002159_T151	218336	437925	218357	437917	Mud	Other		Dive
IE002159_T151.1	218357	437917	End Point	End Point	Mud	Other	With stones and broken shell	Dive
IE002159_T152	218121	438192	218120	438100	Mud	Other		Dive
IE002159_T152.1	218120	438100	End Point	End Point	Mud	Other		Dive
IE002159_T153	218045	438375	218056	438346	Mud	Other		Dive
IE002159_T153.1	218056	438346	End Point	End Point	Mud	Other	Anoxic mud. No <i>Styela clava</i> recorded	Dive
IE002159_T154	218849	436992	218825	437015	Mud	Other		Dive
IE002159_T154.1	218825	437015	End Point	End Point	Rock	Other	Stones and rocks with ascidians on muddy slope. Abundant anemones but no <i>Limnaria bians</i> or <i>Styela clava</i> recorded	Dive
IE002159_T155	218728	436652	218644	436616	Mud	Other	Mud with anemones	Dive
IE002159_T155.1	218644	436616	End Point	End Point	Cobble	Other		Dive
IE002159_T156	218776	436354	218779	436345	Mud	Other		Dive
IE002159_T156.1	218779	436345	End Point	End Point	Mud	Other		Dive
IE002159_T157	218646	436083	218614	436057	Sandy mud	Other	With anemones, ascidians and <i>Ophiotrix fragilis</i>	Dive
IE002159_T157.1	218614	436057	End Point	End Point	Gravel	Other	With cobbles	Dive
IE002159_T158	218671	435768	218692	435796	Kelp	Other		Dive

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T158.1	218692	435796	End Point	End Point	Maërl Living and Dead	Maërl Living and Dead	10 percent cover of of 50 percent living and 50 percent dead Maërl with gravel	Dive
IE002159_T159	219228	439967	219242	439969	Mud	Other	With macroalgae	Scope
IE002159_T159.1	219242	439969	219209	439969	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T159.2	219209	439969	219181	439935	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T159.3	219181	439935	219205	439883	Mud	Other	With shell	Scope
IE002159_T159.4	219205	439883	219220	439860	Mud	Other	With macroalgae	Scope
IE002159_T159.5	219220	439860	219219	439845	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T159.6	219219	439845	219201	439788	Mud	Other		Scope
IE002159_T159.7	219201	439788	219205	439768	Mud	Other		Scope
IE002159_T159.8	219205	439768	219222	439753	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T159.9	219222	439753	219236	439697	Mud	Other	With macroalgae	Scope
IE002159_T159.10	219236	439697	219261	439669	Mud	Other		Scope
IE002159_T159.11	219261	439669	219278	439659	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T159.12	219278	439659	219304	439647	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T159.13	219304	439647	219311	439639	Mud	Other	With macroalgae	Scope
IE002159_T159.14	219311	439639	219307	439600	Mud	Other	With stones and macroalgae	Scope
IE002159_T159.15	219307	439600	219271	439592	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T159.16	219271	439592	219224	439638	Mud	Other	With macroalgae	Scope
IE002159_T159.17	219224	439638	219197	439559	Mud	Other		Scope
IE002159_T159.18	219197	439559	219209	439512	Mud	Other		Scope
IE002159_T159.19	219209	439512	219224	439443	Mud	Other	With macroalgae	Scope
IE002159_T159.20	219224	439443	219158	439447	Mud	Other	With macroalgae	Scope
IE002159_T159.21	219158	439447	219102	439455	Mud	Other	With macroalgae	Scope
IE002159_T159.22	219102	439455	219073	439402	Mud	Other	With macroalgae and anenomes	Scope
IE002159_T159.23	219073	439402	219066	439391	Kelp	Other		Scope
IE002159_T159.24	219066	439391	219037	439377	Mud	Other	With macroalgae	Scope
IE002159_T159.25	219037	439377	219018	439318	Mud	Other		Scope
IE002159_T159.26	219018	439318	219013	439382	Mud	Other		Scope
IE002159_T159.27	219013	439382	218930	439410	Mud	Other		Scope
IE002159_T159.28	218930	439410	218879	439405	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T159.29	218879	439405	218862	439392	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T159.30	218862	439392	218854	439392	Mud	Other		Scope
IE002159_T159.31	218854	439392	218831	439428	Mud	Other	With macroalgae	Scope
IE002159_T159.32	218831	439428	218788	439438	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T159.33	218788	439438	218779	439463	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T159.34	218779	439463	218758	439499	Mud	Other		Scope
IE002159_T159.35	218758	439499	218726	439545	Kelp	Other		Scope
IE002159_T159.36	218726	439545	218696	439548	Mud	Other		Scope
IE002159_T159.37	218696	439548	218647	439557	Kelp	Other		Scope
IE002159_T159.38	218647	439557	218621	439546	Kelp	Other		Scope
IE002159_T159.39	218621	439546	218613	439549	Kelp	Other		Scope
IE002159_T159.40	218613	439549	218569	439541	Mud	Other	With gravel and macroalgae	Scope
IE002159_T159.41	218569	439541	218537	439541	Mud	Other	With gravel and macroalgae	Scope
IE002159_T159.42	218537	439541	218503	439574	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T159.43	218503	439574	218478	439545	Mud	Other		Scope
IE002159_T159.44	218478	439545	218467	439534	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T159.45	218467	439534	218434	439548	Mud	Other		Scope
IE002159_T159.46	218434	439548	218424	439543	Mud	Other		Scope
IE002159_T159.47	218424	439543	218397	439525	Gravel	Other		Scope
IE002159_T159.48	218397	439525	End Point	End Point	Mud	Other		Scope
IE002159_T160	218376	439743	218365	439752	Muddy sand	Other		Scope
IE002159_T160.1	218365	439752	218346	439792	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T160.2	218346	439792	218371	439795	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T160.3	218371	439795	218390	439796	Muddy sand	Other		Scope
IE002159_T160.4	218390	439796	218405	439797	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T160.5	218405	439797	218396	439832	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.6	218396	439832	218386	439847	Mud	Other		Scope
IE002159_T160.7	218386	439847	218395	439856	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T160.8	218395	439856	218406	439860	Mud	Other		Scope
IE002159_T160.9	218406	439860	218420	439866	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T160.10	218420	439866	218439	439899	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.11	218439	439899	218428	439923	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.12	218428	439923	218456	439953	Mud	Other		Scope
IE002159_T160.13	218456	439953	218488	440063	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.14	218488	440063	218392	440047	Mud	Other		Scope
IE002159_T160.15	218392	440047	218364	440028	Mud	Other		Scope
IE002159_T160.16	218364	440028	218365	440020	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.17	218365	440020	218365	439992	Mud	Other		Scope
IE002159_T160.18	218365	439992	218308	440005	Kelp	Other		Scope
IE002159_T160.19	218308	440005	218257	440134	Mud	Other	With anemones	Scope
IE002159_T160.20	218257	440134	218173	440128	Kelp	Other		Scope
IE002159_T160.21	218173	440128	218162	440121	Kelp	Other		Scope
IE002159_T160.22	218162	440121	218126	440085	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.23	218126	440085	218106	440027	Mud	Other		Scope
IE002159_T160.24	218106	440027	218056	439931	Mud	Other	With macroalgae	Scope
IE002159_T160.25	218056	439931	218040	439891	Mud	Other		Scope
IE002159_T160.26	218040	439891	218031	439871	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T160.27	218031	439871	218025	439864	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T160.28	218025	439864	218015	439858	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T160.29	218015	439858	218015	439860	Mud	Other		Scope
IE002159_T160.30	218015	439860	218019	439885	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T160.31	218019	439885	218011	439907	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T160.32	218011	439907	217973	439916	Mud	Other		Scope
IE002159_T160.33	217973	439916	217903	439913	Mud	Other	With macroalgae	Scope
IE002159_T160.34	217903	439913	217896	439914	Mud	Other		Scope
IE002159_T160.35	217896	439914	217890	439933	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T160.36	217890	439933	217912	439937	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T160.37	217912	439937	217911	439977	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T160.38	217911	439977	217933	439989	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T160.39	217933	439989	217934	440012	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.40	217934	440012	217956	440013	Mud	Other	With macroalgae	Scope
IE002159_T160.41	217956	440013	217951	440047	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.42	217951	440047	217932	440066	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.43	217932	440066	217907	440075	Mud	Other	With macroalgae and anemones	Scope
IE002159_T160.44	217907	440075	217922	440114	Mud	Other		Scope
IE002159_T160.45	217922	440114	217928	440131	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.46	217928	440131	217962	440175	Mud	Other		Scope
IE002159_T160.47	217962	440175	217928	440216	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.48	217928	440216	217890	440314	Mud	Other		Scope
IE002159_T160.49	217890	440314	217864	440299	Kelp	Other		Scope
IE002159_T160.50	217864	440299	217851	440311	Kelp	Other		Scope
IE002159_T160.51	217851	440311	217813	440347	Mud	Other		Scope
IE002159_T160.52	217813	440347	217801	440388	Mud	Other	With macroalgae	Scope
IE002159_T160.53	217801	440388	217800	440394	Rock	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T160.54	217800	440394	217806	440430	Kelp	Other		Scope
IE002159_T160.55	217806	440430	217879	440337	Cobble	Other		Scope
IE002159_T160.56	217879	440337	217816	440446	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.57	217816	440446	217830	440535	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.58	217830	440535	217884	440657	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T160.59	217884	440657	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T161	217739	441318	217751	441353	Mud	Other	With anemones	Scope
IE002159_T161.1	217751	441353	217772	441374	Kelp	Other		Scope
IE002159_T161.2	217772	441374	217821	441432	Mud	Other	With anemones	Scope
IE002159_T161.3	217821	441432	217833	441454	Kelp	Other		Scope
IE002159_T161.4	217833	441454	217832	441461	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T161.5	217832	441461	217849	441468	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T161.6	217849	441468	217859	441468	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T161.7	217859	441468	217867	441480	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T161.8	217867	441480	217871	441509	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T161.9	217871	441509	217899	441527	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T161.10	217899	441527	217912	441513	Mud	Other		Scope
IE002159_T161.11	217912	441513	217891	441500	Kelp	Other		Scope
IE002159_T161.12	217891	441500	217872	441500	Kelp	Other		Scope
IE002159_T161.13	217872	441500	217885	441531	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T161.14	217885	441531	217893	441546	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T161.15	217893	441546	217904	441571	Mud	Other		Scope
IE002159_T161.16	217904	441571	217875	441585	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T161.17	217875	441585	217850	441584	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T161.18	217850	441584	217841	441602	Kelp	Other		Scope
IE002159_T161.19	217841	441602	217840	441625	Rock	Other		Scope
IE002159_T161.20	217840	441625	217846	441635	Rock	Other		Scope
IE002159_T161.21	217846	441635	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T162	217838	441688	217820	441690	Kelp	Other		Scope
IE002159_T162.1	217820	441690	217806	441688	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare		Scope
IE002159_T162.2	217806	441688	217792	441685	Mud	Other		Scope
IE002159_T162.3	217792	441685	217776	441691	<i>Zostera noltii</i> Rare	<i>Zostera noltii</i> Rare		Scope
IE002159_T162.4	217776	441691	217766	441679	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T162.5	217766	441679	217763	441651	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T162.6	217763	441651	217760	441631	<i>Zostera noltii</i> Occasional Patchy	<i>Zostera noltii</i> Occasional Patchy		Scope
IE002159_T162.7	217760	441631	217748	441604	<i>Zostera noltii</i> Rare Patchy	<i>Zostera noltii</i> Rare Patchy		Scope
IE002159_T162.8	217748	441604	217745	441585	Mud	Other		Scope
IE002159_T162.9	217745	441585	217766	441592	<i>Zostera noltii</i> Rare Patchy	<i>Zostera noltii</i> Rare Patchy		Scope
IE002159_T162.10	217766	441592	217766	441607	Mud	Other		Scope
IE002159_T162.11	217766	441607	217760	441669	<i>Zostera noltii</i> Occasional Patchy	<i>Zostera noltii</i> Occasional Patchy		Scope
IE002159_T162.12	217760	441669	217790	441723	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T162.13	217790	441723	217802	441761	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T162.14	217802	441761	217817	441840	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T162.15	217817	441840	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T163	217866	441893	217926	441977	Mud	Other	With anemones	Scope
IE002159_T163.1	217926	441977	217938	441995	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T163.2	217938	441995	217960	441994	Mud	Other		Scope
IE002159_T163.3	217960	441994	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T164	218068	441997	218100	441955	Mud	Other		Scope
IE002159_T164.1	218100	441955	218121	441924	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T164.2	218121	441924	218128	441911	Kelp	Other		Scope
IE002159_T164.3	218128	441911	218165	441850	Cobble	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T164.4	218165	441850	218243	441872	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T164.5	218243	441872	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T165	218232	442208	218235	442255	Gravel	Other		Scope
IE002159_T165.1	218235	442255	218244	442277	Kelp	Other		Scope
IE002159_T165.2	218244	442277	218298	442344	Mud	Other	With anemones	Scope
IE002159_T165.3	218298	442344	218373	442417	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T165.4	218373	442417	218430	442473	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T165.5	218430	442473	218448	442508	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T165.6	218448	442508	218507	442537	Mud	Other		Scope
IE002159_T165.7	218507	442537	218561	442575	Mud	Other		Scope
IE002159_T165.8	218561	442575	218627	442563	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T165.9	218627	442563	218625	442536	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T165.10	218625	442536	218616	442521	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T165.11	218616	442521	218608	442512	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T165.12	218608	442512	218587	442535	Mud	Other		Scope
IE002159_T165.13	218587	442535	218588	442581	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T165.14	218588	442581	218574	442601	<i>Zostera noltii</i> Frequent	<i>Zostera noltii</i> Frequent		Scope
IE002159_T165.15	218574	442601	218564	442593	Mud	Other		Scope
IE002159_T165.16	218564	442593	218554	442574	<i>Zostera noltii</i> Occasional Patchy	<i>Zostera noltii</i> Occasional Patchy		Scope
IE002159_T165.17	218554	442574	218548	442516	Mud	Other		Scope
IE002159_T165.18	218548	442516	218601	442450	Mud	Other		Scope
IE002159_T165.19	218601	442450	218616	442449	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T165.20	218616	442449	218629	442466	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T165.21	218629	442466	218638	442476	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T165.22	218638	442476	218645	442470	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T165.23	218645	442470	End Point	End Point	Gravel	Other		Scope
IE002159_T166	218634	442270	218639	442215	Mud	Other		Scope
IE002159_T166.1	218639	442215	218613	442141	Mud	Other	With macroalgae	Scope
IE002159_T166.2	218613	442141	End Point	End Point	Mud	Other	With macroalgae	Scope
IE002159_T167	218665	441776	218664	441766	Mud	Other		Scope
IE002159_T167.1	218664	441766	218635	441760	Kelp	Other		Scope
IE002159_T167.2	218635	441760	218657	441773	Kelp	Other		Scope
IE002159_T167.3	218657	441773	218709	441770	Mud	Other	With macroalgae	Scope
IE002159_T167.4	218709	441770	218748	441777	Mud	Other	With macroalgae	Scope
IE002159_T167.5	218748	441777	218794	441765	Mud	Other	With macroalgae	Scope
IE002159_T167.6	218794	441765	218897	441722	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T167.7	218897	441722	218936	441757	Mud	Other		Scope
IE002159_T167.8	218936	441757	218944	441797	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.9	218944	441797	218939	441837	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T167.10	218939	441837	218972	441870	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T167.11	218972	441870	218988	441884	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.12	218988	441884	219023	441877	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.13	219023	441877	219039	441827	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T167.14	219039	441827	219041	441850	<i>Zostera noltii</i> Occasional	<i>Zostera noltii</i> Occasional		Scope
IE002159_T167.15	219041	441850	219029	441878	<i>Zostera noltii</i> Abundant	<i>Zostera noltii</i> Abundant		Scope
IE002159_T167.16	219029	441878	219014	441952	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T167.17	219014	441952	218985	441996	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.18	218985	441996	218948	441980	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.19	218948	441980	218934	441927	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.20	218934	441927	218910	441831	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T167.21	218910	441831	218892	441839	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.22	218892	441839	218873	441857	<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
IE002159_T167.23	218873	441857	218860	441791	Mud	Other		Scope
IE002159_T167.24	218860	441791	218879	441722	Mud	Other	With anemones	Scope
IE002159_T167.25	218879	441722	218887	441697	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T167.26	218887	441697	218894	441687	Mud	Other		Scope
IE002159_T167.27	218894	441687	218834	441667	Mud	Other		Scope
IE002159_T167.28	218834	441667	218865	441646	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T167.29	218865	441646	218902	441611	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.30	218902	441611	218879	441618	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.31	218879	441618	218877	441587	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T167.32	218877	441587	218885	441539	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.33	218885	441539	218890	441516	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T167.34	218890	441516	218904	441533	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T167.35	218904	441533	218896	441560	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.36	218896	441560	218879	441547	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.37	218879	441547	218870	441508	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.38	218870	441508	218869	441486	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T167.39	218869	441486	218857	441482	Kelp	Other		Scope
IE002159_T167.40	218857	441482	218850	441510	Mud	Other	With anemones	Scope
IE002159_T167.41	218850	441510	218836	441539	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T167.42	218836	441539	218835	441567	Gravel	Other	With macroalgae	Scope
IE002159_T167.43	218835	441567	218801	441579	Gravel	Other		Scope
IE002159_T167.44	218801	441579	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T168	218846	441514	218817	441506	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T168.1	218817	441506	218803	441500	Kelp	Other		Scope
IE002159_T168.2	218803	441500	218769	441475	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T168.3	218769	441475	End Point	End Point	Kelp	Other		Scope
IE002159_T169	218781	441452	218780	441482	Kelp	Other		Scope
IE002159_T169.1	218780	441482	218771	441505	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T169.2	218771	441505	218743	441536	Mud	Other		Scope
IE002159_T169.3	218743	441536	218780	441525	Mud	Other		Scope
IE002159_T169.4	218780	441525	218815	441502	<i>Zostera marina</i> Abundant	<i>Zostera marina</i> Abundant		Scope
IE002159_T169.5	218815	441502	218832	441488	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T169.6	218832	441488	218851	441449	Mud	Other		Scope
IE002159_T169.7	218851	441449	218857	441417	Mud	Other		Scope
IE002159_T169.8	218857	441417	218863	441372	Mud	Other	With anemones	Scope
IE002159_T169.9	218863	441372	218851	441375	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T169.10	218851	441375	218843	441398	Mud	Other		Scope
IE002159_T169.11	218843	441398	218836	441429	Mud	Other	With gravel	Scope
IE002159_T169.12	218836	441429	218812	441458	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T169.13	218812	441458	218786	441454	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T169.14	218786	441454	218780	441417	Kelp	Other		Scope
IE002159_T169.15	218780	441417	End Point	End Point	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T170	218900	441096	218911	441067	Mud	Other		Scope
IE002159_T170.1	218911	441067	218915	441043	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T170.2	218915	441043	218904	441028	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T170.3	218904	441028	218922	441016	Mud	Other		Scope
IE002159_T170.4	218922	441016	218931	440994	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T170.5	218931	440994	218925	440974	<i>Zostera marina</i> Occasional	<i>Zostera marina</i> Occasional		Scope
IE002159_T170.6	218925	440974	218916	440956	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T170.7	218916	440956	218917	440946	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T170.8	218917	440946	218905	440946	Kelp	Other		Scope
IE002159_T170.9	218905	440946	218883	440961	Kelp	Other		Scope

Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T170.10	218883	440961	218868	440972	Kelp	Other		Scope
IE002159_T170.11	218868	440972	218850	440988	Mud	Other		Scope
IE002159_T170.12	218850	440988	218847	441018	Mud	Other		Scope
IE002159_T170.13	218847	441018	218821	441033	Mud	Other		Scope
IE002159_T170.14	218821	441033	218784	441036	Kelp	Other		Scope
IE002159_T170.15	218784	441036	218771	441038	Kelp	Other		Scope
IE002159_T170.16	218771	441038	End Point	End Point	Mud	Other		Scope
IE002159_T171	218627	441206	218670	441045	Mud	Other		Scope
IE002159_T171.1	218670	441045	218659	441012	Kelp	Other		Scope
IE002159_T171.2	218659	441012	End Point	End Point	Mud	Other	With anemones	Scope
IE002159_T172	218897	440601	218943	440597	Mud	Other	With anemones	Scope
IE002159_T172.1	218943	440597	218982	440578	Kelp	Other		Scope
IE002159_T172.2	218982	440578	219041	440570	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T172.3	219041	440570	219055	440559	Kelp	Other		Scope
IE002159_T172.4	219055	440559	219082	440541	Mud	Other		Scope
IE002159_T172.5	219082	440541	219114	440532	Mud	Other		Scope
IE002159_T172.6	219114	440532	219143	440503	Mud	Other		Scope
IE002159_T172.7	219143	440503	219164	440454	Mud	Other		Scope
IE002159_T172.8	219164	440454	219158	440390	Mud	Other		Scope
IE002159_T172.9	219158	440390	219139	440344	Mud	Other		Scope
IE002159_T172.10	219139	440344	219116	440313	Mud	Other	With gravel	Scope
IE002159_T172.11	219116	440313	219090	440210	Mud	Other		Scope
IE002159_T172.12	219090	440210	End Point	End Point	Mud	Other		Scope
IE002159_T173	217932	438870	217942	438890	<i>Zostera marina</i> Rare	<i>Zostera marina</i> Rare	With boulders	Scope
IE002159_T173.1	217942	438890	End Point	End Point	Mud	Other	With <i>Antopleura ballii</i>	Scope
IE002159_T174	217928	439072	217898	439125	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T174.1	217898	439125	217858	439218	<i>Zostera marina</i> Frequent Patchy	<i>Zostera marina</i> Frequent Patchy		Scope
IE002159_T174.2	217858	439218	217876	439230	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T174.3	217876	439230	217940	439165	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T174.4	217940	439165	217954	439139	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T174.5	217954	439139	217976	439082	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T174.6	217976	439082	218022	439056	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T174.7	218022	439056	218028	439048	Kelp	Other		Scope
IE002159_T174.8	218028	439048	218005	439052	Kelp	Other		Scope
IE002159_T174.9	218005	439052	217937	439051	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T174.10	217937	439051	217892	439014	Sandy mud	Other	With gravel	Scope
IE002159_T174.11	217892	439014	217846	439093	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T174.12	217846	439093	217819	439128	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Scope
IE002159_T174.13	217819	439128	217822	439195	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T174.14	217822	439195	217834	439025	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T174.15	217834	439025	217832	438975	Sandy mud	Other	With gravel	Scope
IE002159_T174.16	217832	438975	217837	438956	<i>Zostera marina</i> Frequent	<i>Zostera marina</i> Frequent		Scope
IE002159_T174.17	217837	438956	End Point	End Point	Sandy mud	Other		Scope
IE002159_T175	217837	438938	End Point	End Point	Mud	Other		Dive
IE002159_T175.1	218007	439005	218066	439038	<i>Limnaria bians</i>	<i>Limnaria bians</i>	With kelp	Dive
IE002159_T175	218066	439038	End Point	End Point	<i>Limnaria bians</i>	<i>Limnaria bians</i>	<i>Limnaria bians</i> , three individuals recorded	Dive
IE002159_T176	217877	438970	End Point	End Point	Rock	Other	Boulder slope, species rich, abundant ascidians, anoxic in areas, abundant green algae	Dive
IE002159_T177	218099	438936	End Point	End Point	Kelp	Other		Dive
IE002159_T178	218208	439068	218255	439117	Gravel	Other		Dive
IE002159_T178.1	218255	439117	End Point	End Point	<i>Limnaria bians</i>	<i>Limnaria bians</i>	<i>Limnaria bians</i> , one individual recorded	Dive
IE002159_T179	218262	439223	End Point	End Point	Gravel	Other		Dive
IE002159_T180	218152	438961	End Point	End Point	Rock	Other	Boulder slope	Dive



Site ID	Start Easting	Start Northing	End Easting	End Northing	Code 1	Code 2	Notes	Transect
IE002159_T181	218296	439237	End Point	End Point	<i>Limnaria bians</i> and <i>Styela clava</i>	<i>Limnaria bians</i>	Mud and cobble, one individual of <i>Styela clava</i> and one individual of <i>Limnaria bians</i> recorded	Dive
IE002159_T182	218267	439418	End Point	End Point	Gravel	Other		Dive
IE002159_T183	218315	439460	End Point	End Point	Gravel	Other	Gravel, macroalgae and rocks	Dive
IE002159_T184	218398	439536	218474	439573	Gravel	Other		Dive
IE002159_T184.1	218474	439573	End Point	End Point	Broken shell	Other	<i>Mytilus edulis</i> shell	Dive
IE002159_T185	218386	439600	218414	439638	Gravel	Other		Dive
IE002159_T185.1	218414	439638	End Point	End Point	<i>Limnaria bians</i> Super Abundant	<i>Limnaria bians</i>	<i>Limnaria bians</i> , approximately 30 individuals recorded in kelp on gravel and cobble	Dive
IE002159_T186	218411	439837	218379	439850	Gravel	Other		Dive
IE002159_T186.1	218379	439850	End Point	End Point	<i>Zostera marina</i> Occasional Patchy	<i>Zostera marina</i> Occasional Patchy		Dive
IE002159_T187	218235	439531	End Point	End Point	Gravel	Other		Dive
IE002159_T188	218171	439354	End Point	End Point	Gravel	Other		Dive
IE002159_T189	218235	439531	218243	439548	Gravel	Other		Dive
IE002159_T189.1	218243	439548	End Point	End Point	<i>Limnaria bians</i>	<i>Limnaria bians</i>	<i>Limnaria bians</i> , two individuals recorded in boulders and macroalgae	Dive
IE002159_T190	218253	439388	End Point	End Point	Gravel	Other	Coarse sand and shell	Dive
IE002159_T191	218200	439200	End Point	End Point	Gravel	Other		Dive
IE002159_T192	218111	439074	End Point	End Point	Gravel	Other		Dive
IE002159_T193	218156	439227	End Point	End Point	<i>Limnaria bians</i>	<i>Limnaria bians</i>	<i>Limnaria bians</i> , three individuals recorded	Dive
IE002159_T194	218124	439159	End Point	End Point	Gravel	Other	Gravelly mud with boulders continues to shore	Dive
IE002159_T195	219369	438037	219371	438113	Muddy sand	Other		Scope
IE002159_T195.1	219371	438113	219374	438155	Muddy sand	Other		Scope
IE002159_T195.2	219374	438155	219406	438188	Muddy sand	Other		Scope
IE002159_T195.3	219406	438188	219453	438193	Muddy sand	Other	With macroalgae	Scope
IE002159_T195.4	219453	438193	219493	438165	Muddy sand	Other	With macroalgae	Scope
IE002159_T195.5	219493	438165	219477	438102	Muddy sand	Other		Scope
IE002159_T195.6	219477	438102	219458	438053	Muddy sand	Other		Scope
IE002159_T195.7	219458	438053	219448	437978	Muddy sand	Other		Scope
IE002159_T195.8	219448	437978	219446	437935	Vision gone	Other	Vision through scope insufficient to view seabed	Scope
IE002159_T195.9	219446	437935	219463	437888	Muddy sand	Other		Scope
IE002159_T195.10	219463	437888	219455	437886	Sand	Other	With macroalgae and rock	Scope
IE002159_T195.11	219455	437886	219505	437882	Muddy sand	Other		Scope
IE002159_T195.12	219505	437882	219524	437862	Muddy sand	Other		Scope
IE002159_T195.13	219524	437862	End Point	End Point	Muddy sand	Other		Scope