

Dover to Folkestone (rMCZ11.2) Evidence Review

Region	Balanced Seas	
Site Name/number	Dover to Folkestone rMCZ BS11.2	
ENG Features present and proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> Moderate energy intertidal rock Intertidal coarse sediment High energy infralittoral rock Moderate energy infralittoral rock Subtidal coarse sediment.
	Habitat FOCI	<ul style="list-style-type: none"> Blue Mussel beds (including intertidal beds on mixed and sandy sediments) Intertidal under boulder communities Littoral chalk communities Peat and clay exposures Ross worm <i>Sabellaria spinulosa</i> reefs Subtidal chalk Subtidal sands and gravels.
	Species FOCI	<ul style="list-style-type: none"> <i>Hippocampus hippocampus</i> <i>Ostrea edulis</i>.
ENG Features present but not proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> Intertidal sand and muddy sand Intertidal mud Intertidal mixed sediments.
	Habitat FOCI	-
	Species FOCI	<ul style="list-style-type: none"> <i>Osmerus eperlanus</i> <i>Anguilla Anguilla</i> <i>Raja undulata</i> .
Non-ENG Features (Geological/geomorphological)		<ul style="list-style-type: none"> Folkestone Warren

Evidence Summary – data provided by Regional MCZ Projects

Feature	Evidence Summary	Key Sources
Moderate energy intertidal rock	Point and polygon data. MESH confidence score is 37. Only 50% of validation samples agree with BSH. 2 sample records. Distribution of sample data is less than 50% of the rMCZ	MB102 and MESH.
Intertidal coarse sediment	Point and polygon data. MESH confidence score is 1. Point data available.	MB102 and MESH.
High energy infralittoral rock	Polygon data from MESH and UKSeaMap. MESH confidence score is 0. No validation sample.	MESH and UKSeaMap.
Moderate energy infralittoral rock	Point and polygon data from MESH, MESH confidence score is	MESH.

	0. Validation samples not in agreement with the BSH	
Subtidal coarse sediment	Polygon data from MESH, UKSeaMap. MESH confidence score is 0.No validation sample.	MESH, UKSeaMap
Blue Mussel beds (including intertidal beds on mixed and sandy sediments)	Point data from MB102 and MESH. 4 ground truthed points	MB102 and MESH.
Intertidal under boulder communities	Point data from MB102, Regional Projects BS and >2 ground truthed point records	MB102, Regional Projects BS
Littoral chalk communities	Point and polygon data from MB102, MESH Survey IDs: GB000317 GB000319 The sample data is not well distributed over more than 50% of the feature.	MB102, MESH
Peat and clay exposures	Point data from Regional Projects - BS (Sites_EH_Peat_MCZ), Regional Projects NG (Coastal_Peat_EH_MCZ), MESH No Polygon data	Regional Projects – BS, Regional Projects NG, MESH
Ross worm <i>Sabellaria spinulosa</i> reefs	Point data from MESH 9 ground truthed records. No polygon data available.	MESH
Subtidal chalk	Point and polygon data from MESH, MB102, Regional Projects – BS less than 50% of points agree with the polygon data. Less than 50% data distributed across rMCZ.	MESH, MB102, Regional Projects - BS
Subtidal sands and gravels	Point and polygon data from MESH, UKSeaMap, MB0102 (Subtidal_sands_gravels_BGS_Modelled_MCZ). Regional BS 100% of points in agreement with polygon data. Data not well distributed.	MESH, UKSeaMap, MB0102 Regional BS
<i>Hippocampus hippocampus</i>	Point data from Regional BS 5 data points collected by specialists. 2 records < 6 years	Regional BS
<i>Ostrea edulis</i>	Point data from Regional Projects BS, MB102, 7 specialists records, 5 records < 6 years old	Regional Projects BS, MB102,

Description of New Evidence Identified by MB0116 project

Evidence Description	Source	Feature
EK_Level3_Habitats_MCZ	Kent Wildlife Trust	Subtidal coarse sediment Subtidal sands and gravels
EUNIS_Level3_CCO_Kent_Region_MCZ	Kent Wildlife Trust	Moderate energy intertidal rock Intertidal coarse sediment Moderate energy infralittoral rock Moderate energy circalittoral rock Subtidal coarse sediment Subtidal sands and gravels
HOCI_Intertidal_Chalk_KWT_MCZ_2	Kent Wildlife Trust	Intertidal under boulder communities Littoral chalk communities
EK_Level3_Habitats_MCZ	Kent Wildlife Trust	Moderate energy infralittoral rock
Intertidal_EK_Level3_Habitats_MCZ	Kent Wildlife Trust	Intertidal coarse sediment Moderate energy intertidal rock
Intertidal_underboulder_KWT_22Jan_MCZ	Kent Wildlife Trust	Intertidal under boulder communities
MarineRecorderBSH_MCZ	Marine Recorder – MBA	Moderate energy infralittoral rock Subtidal sands and gravels
MarineRecorderHabitats_MCZ	Marine Recorder – MBA	Peat and clay exposures Ross worm (<i>Sabellaria spinulosa</i>) reefs
MarineRecorderSpecies_MCZ	Marine Recorder – MBA	<i>Hippocampus hippocampus</i> <i>Ostrea edulis</i>
BS_Sample_Species_1982_MCZ	SeaSearch Surveys	<i>Hippocampus hippocampus</i> <i>Ostrea edulis</i>
BS_Sample_HOCI_1982_MCZ_2	SeaSearch Surveys	Ross worm (<i>Sabellaria spinulosa</i>) reefs Subtidal chalk Subtidal sands and gravels

Evidence That Could Not Be Acquired by MB0116 project

Evidence Description	Source	Feature
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Rock and thin sediment shape files.

British Geological
Society

Broadscale habitats