Dover to Deal (rMCZ11.1) Evidence Review

Region	**Balanced Seas**	
Site Name/number	**Dover to Deal rMCZ BS11.1**	
ENG Features present and proposed for inclusion within MCZ designation	BSH	• Moderate energy intertidal rock • Intertidal coarse sediment • Intertidal mud • High energy infralittoral rock • Moderate energy infralittoral rock • Subtidal coarse sediment • Subtidal mixed sediments.
	Habitat FOCI	• Blue Mussel beds (including intertidal beds on mixed and sandy sediments) • Intertidal under boulder communities • Littoral chalk communities • Ross worm *Sabellaria spinulosa* reefs • Subtidal chalk.
	Species FOCI	-
ENG Features present but not proposed for inclusion within MCZ designation	BSH	-
	Habitat FOCI	-
	Species FOCI	• *Osmerus eperlanus* • *Anguilla Anguilla* • *Raja undulata*
Non-ENG Features (Geological/geomorphological)		-

Evidence Summary – data provided by Regional MCZ Projects

Feature	**Evidence Summary**	**Key Sources**
Moderate energy intertidal rock	Presence of BSH based on predictive modelling from MESH, MB0102 MESH confidence score is low. No validation sample.	Polygon data from MESH and MB0102.
Intertidal coarse sediment	Presence of BSH based on predictive modelling from MESH, MB102 MESH confidence score is low.	Polygon data from MESH and MB102.
Intertidal mud	Predictive modelling from MESH and MB102. MESH confidence score is low. No validation sample.	Polygon data from MESH and MB102.
High energy infralittoral rock	Predictive modelling from MESH and UK SeaMap. MESH confidence score is 0. No validation sample.	Polygon data from MESH and UK SeaMap.
Moderate energy infralittoral rock	Point and polygon data from MESH, UK SeaMap and Kent Wildlife Trust No MESH confidence score. Validation samples did not agree with BSH.	Point and polygon data from MESH and UK SeaMap.

	Conflicting modelled data available.	
Subtidal coarse sediment	Predictive modelling from MESH, UK SeaMap. No MESH confidence score and no validation sample.	Polygon data from MESH and UK SeaMap.
Subtidal mixed sediments	Predictive modelling and point data from MESH, UKSeaMap	Point and polygon data from MESH and UK SeaMap.
Blue Mussel beds (including intertidal beds on mixed and sandy sediments)	none	
Intertidal under boulder communities	Point data from MB0102 3 HOCI points in rMCZ - manually checked. > 2 ground-truthed record. No polygon data	MB0102, MESH
Littoral chalk communities	Point and polygon data from MESH, MB0102. >90% of points agree within the HOCI agree with habitat type. Sample data is well distributed over more than 50% of the features	MESH, MB0102
Ross worm *Sabellaria spinulosa* reefs	Point data from MESH, Regional Project - BS, 27 ground truthed records available. No polygon data available.	MESH, Regional Project - BS
Subtidal chalk	Point and polygon data from MESH, MB0102, Regional Projects - BS, Less than 50% of points within the HOCI agree with habitat type. More than 2 point records available. Sample data not well distributed over more than 50% of the feature.	MESH, MB0102, Regional Projects - BS

Description of New Evidence Identified by MB0116 project

Evidence Description	Source	Feature
HOCI_Intertidal_Chalk_KWT_MCZ_ 2	Kent Wildlife Trust	Intertidal under boulder communities Littoral chalk communities
Dover_To_Deal_Intertidal_Sabellaria_Reef_MCZ	Kent Wildlife Trust	Ross worm (Sabellaria spinulosa) reefs
EUNIS_Level3_CCO_Kent_region_MCZ	Kent Wildlife Trust	Moderate energy intertidal rock Intertidal coarse sediment Intertidal sand and muddy sand

		Moderate energy circalittoral rock Subtidal coarse sediment Subtidal sand Subtidal mixed sediments
Intertidal_EK_Level3_Habitats_MCZ	Kent Wildlife Trust	Moderate energy circalittoral rock Subtidal coarse sediment Intertidal coarse sediment Moderate energy intertidal rock Intertidal sand and muddy sand
EK_Level3_Habitats_MCZ	Kent Wildlife Trust	Subtidal sand Subtidal mixed sediments
BS_Sample_HOCI_1982_MCZ_2	SeaSearch Surveys	Blue mussel (Mytilus edulis) beds Ross worm (Sabellaria spinulosa) reefs Subtidal chalk
MarineRecorderHabitats_MCZ	Marine recorder – MBA	Subtidal sand Subtidal mixed sediments

Evidence That Could Not Be Acquired by MB0116 project

Evidence Description	Source	Feature
Rock and thin sediment.	British Geological Society	Broadscale habitats
Shallow seismic and side-scan sonar surveys of areas of marine aggregate.	CEMEX UK Marine Ltd, Aggregate - EIA	Broadscale habitats Features unknown