

Yarmouth to Cowes (rMCZ23) Evidence Review

Region	Balanced Seas	
Site Name/number	Yarmouth to Cowes rMCZ BS23	
ENG Features present and proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> • Low energy intertidal rock • Intertidal coarse sediment • Moderate energy infralittoral rock • Subtidal coarse sediment.
	Habitat FOCI	<ul style="list-style-type: none"> • Estuarine rocky habitats • Intertidal under boulder communities • Native Oyster <i>Ostrea edulis</i> beds • Peat and clay exposures • Ross worm <i>Sabellaria spinulosa</i> reefs • Seagrass beds.
	Species FOCI	<ul style="list-style-type: none"> • <i>Gammarus insensibilis</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 • Coastal saltmarshes and saline reedbeds • Subtidal sand • Subtidal mud • Subtidal mixed sediments.
	Habitat FOCI	<ul style="list-style-type: none"> • Littoral chalk communities • Subtidal chalk.
	Species FOCI	<ul style="list-style-type: none"> • <i>Nematostella vectensis</i> • <i>Osmerus eperlanus</i> • <i>Anguilla Anguilla</i> • <i>Raja undulata</i>.
Non-ENG Features (Geological/geomorphological)		<ul style="list-style-type: none"> • Mosaic of Intertidal mud and coastal saltmarsh and saline reedbed.

Evidence Summary – data provided by Regional MCZ Projects

Feature	Evidence Summary	Key Sources
Low energy intertidal rock	Point and polygon data from MESH and MB0102. No overlapping point data.	MESH and MB0102;
Intertidal coarse sediment	Polygon data only from MESH and MB0102. No modelled data.	MESH and MB0102;
Moderate energy infralittoral rock	Point and polygon data from MESH and MB0102. No overlapping point data.	MESH;
Subtidal coarse sediment	Polygon data only from MESH and MB0102. No point data and no modelled data.	MESH and UK Sea Map;
Estuarine rocky	Polygon data from MB0102	MB0102;

habitats		
Intertidal under boulder communities	Point data from MESH, MB0102. More than 1 HOCI within the rMCZ.	MESH, MB0102;
Native Oyster <i>Ostrea edulis</i> beds	Point data from MB0102; survey ID: MPALAYERS000055, and regional project BS data (<i>Ostrea edulis</i> _1st_Feb_MCZ). Multiple point records less than 6 years old cover a large proportion of the rMCZ.	MB0102 and regional project BS data.
Peat and clay exposures	Point (Coastal_Peat_EH_Set5_MCZ) From Regional Projects NG and polygon data MB0102/MESH. Point data do not overlap polygons.	MB0102 Regional Projects - NG Polygon data from
Ross worm <i>Sabellaria spinulosa</i> reefs	One point record from Regional Project BS (Survey ID: SOLWD0507B).	Regional Project BS
Seagrass beds	Point data from Regional Project BS from Hampshire and Isle of Wight Wildlife Trust (<i>Seagrass_point_present_1995_MCZ</i>)	Regional Project BS from Hampshire and Isle of Wight Wildlife Trust
<i>Gammarus insensibilis</i>	Three point records from Regional Projects BS (<i>ALL_SPECIES_FOCI_Ginsensibilis_MCZ</i>) and MB0102 (survey ID: MPALAYERS000003). No polygon data available but many point records less than 6 years old displaying a clear clustering of points.	Regional Projects BS and MB0102
<i>Ostrea edulis</i>	Point records from multiple sources. 5 specialist records collected within the last 6 years.	MB0102, point record from Regional project BS data

Description of New Evidence Identified by MB0116 project

Evidence Description	Source	Feature
MarineRecorderSpecies_MCZ 2006 - Pmnhs - Isle Of Wight Field Trip	Marine Recorder - MBA	<i>Ostrea edulis</i>
BS_Sample_Species_1982_MCZ	Seasearch Survey	<i>Ostrea edulis</i>
HIWWT 2011 rMCZ Intertidal Survey Isle of Wight HIWWT_FOCI_Records_120502_MCZ	Hampshire and Isle of Wight Wildlife Trust	Intertidal under boulder communities Peat and clay exposures
Seagrass_Inventory_Points_MCZ	Hampshire and Isle of Wight Wildlife Trust	Seagrass beds

Evidence That Could Not Be Acquired by MB0116 project

Evidence Description	Source	Feature
Rock and thin sediment.	British Geological Society	Broadscale habitats
Survey data from record centre	Isle of Wight records centre	Features unknown
Survey data from record centre	Hampshire records centre	Features unknown
Local knowledge from colleagues, MSc and PhD theses at Portsmouth University.	Portsmouth University.	Features unknown