# South Dorset (rMCZ16) Evidence Review

| Region | Finding Sanctuary | |
|---|---|---|
| Site Name/number | South Dorset rMCZ FS16 | |
| ENG Features present and proposed for inclusion within MCZ designation | BSH | • High energy circalittoral rock<br>• Moderate energy circalittoral rock<br>• Subtidal coarse sediment<br>• Subtidal mixed sediments. |
| | Habitat FOCI | • Subtidal chalk |
| | Species FOCI | - |
| ENG Features present but not proposed for inclusion within MCZ designation | BSH | - |
| | Habitat FOCI | • Subtidal sands and gravels |
| | Species FOCI | - |
| Non-ENG Features (Geological/geomorphological) | | - |

## Evidence Summary – data provided by Regional MCZ Projects

| Feature | Evidence Summary | Key Sources |
|---|---|---|
| High energy circalittoral rock | Presence and extent based on predicted modelled polygon data from MESH/UKSeaMap and three parent feature data points from MESH. | MESH/UKSeaMap |
| Moderate energy circalittoral rock | Presence and extent based on predicted modelled polygon data from MESH/UKSeaMap and MESH data points. | MESH/UKSeaMap |
| Subtidal coarse sediment | Presence and extent based on predicted modelled polygon data from MESH/UKSeaMap and MESH data points. | MESH/UKSeaMap |
| Subtidal mixed sediments | Presence and extent based on predicted modelled polygon data from MESH/UKSeaMap and parent feature data points. | MESH/UKSeaMap |
| Subtidal chalk | Presence and extent based on four data points from MB0102 and Cefas survey. No polygon data. | MB0102 and Cefas |

Description of New Evidence Identified by MB0116 project

| Evidence Description | Source | Feature |
|---|---|---|
| Parent and feature data points | 2006_07C - RV Cefas Endeavour - Central English Channel | Moderate energy circalittoral rock<br>Subtidal coarse sediment<br>Subtidal chalk |

Evidence That Could Not Be Acquired by MB0116 project

| Evidence Description | Source | Feature |
|---|---|---|
| Rock and thin sediment | British Geological Society | Broadscale habitats |

Confidence Assessment undertaken by MB0116 project

| Feature | Presence | Extent | Condition | Boundaries (site) |
|---|---|---|---|---|
| High energy circalittoral rock | Moderate | Low | Low | Low |
| Moderate energy circalittoral rock | Low | Low | Low | |
| Subtidal coarse sediment | Low | Low | Low | |
| Subtidal mixed sediments | Low | Low | Low | |
| Subtidal chalk | High | Low | Low | |

The presence and extent of 'Moderate energy circalittoral rock', 'Subtidal coarse sediments', and 'Subtidal mixed sediments' are based on modelled MESH polygon data and data points, however no data points are overlapping the feature polygons resulting in 'low' confidence for both presence and extent.

The presence and extent of 'High energy circalittoral rock' is based on modelled MESH polygon data and parent feature data points, all of which (two) agree with parent feature polygon and therefore resulting in a 'moderate' score for presence and a 'low' score as there are no feature data points.

The presence of 'subtidal chalk' (HOCI) was based on 4 data points from MB0102 and Cefas 2008 surveys and therefore was given a 'high' score for presence and a 'low' score for extent as the feature data points are not well distributed.

The condition assessment for all the features was based on a Vulnerability Assessment and could not be improved beyond a 'low' confidence score. The confidence assessment in the boundary of the site was classified as 'low' primarily because the overall confidence in the extent of the respective BSH and Habitat FOCI was determined as low.