Isles of Scilly: Bishop to Crim rMCZ (FS35c) Evidence Review

Region	Finding Sanctuary	
Site Name/number	Isles of Scilly:Bishop to Crim rMCZ (FS35c)	
ENG Features present and proposed for inclusion within MCZ designation	BSH	• High energy infralittoral rock • Moderate energy infralittoral rock • High energy circalittoral rock • Moderate energy circalittoral rock • Subtidal coarse sediment
	Habitat FOCI	• Fragile sponge & anthozoan communities on subtidal rocky habitats
	Species FOCI	• *Eunicella verrucosa* • *Palinurus elephas*
ENG Features present but not proposed for inclusion within MCZ designation	BSH	-
	Habitat FOCI	-
	Species FOCI	-
Non-ENG Features (Geological/geomorphological)		-

Evidence Summary – data provided by Regional MCZ Projects

Feature	Evidence Summary	Key Sources
High energy infralittoral rock	The presence and extent of this broad-scale habitat was supported by polygon data from 2 Combined MESH/UKSeaMap GB001055 polygons. Point data were also available from 5 MESH points.	Combined MESH/UKSeaMap MESH
Moderate energy infralittoral rock	The extent of this broad-scale habitat was supported by polygon data derived from 2 Combined MESH/UKSeaMap GB001055 polygons. No point data were available.	Combined MESH/UKSeaMap
High energy circalittoral rock	The presence and extent of this broad-scale habitat was supported by polygon data derived from 2 Combined MESH/UKSeaMap GB001055 polygons. Point data were available from 6 MESH points.	Combined MESH/UKSeaMap MESH
Moderate energy circalittoral rock	The extent of this broad-scale habitat was supported by polygon data derived from 2 Combined MESH/UKSeaMap GB001055 polygons. No point	Combined MESH/UKSeaMap

	data were available.	
Subtidal coarse sediment	The extent of this broad-scale habitat was supported by polygon data derived from 2 Combined MESH/UKSeaMap GB001055 polygons. No point data were available.	Combined MESH/UKSeaMap
Fragile sponge & anthozoan communities on subtidal rocky habitats	The presence and extent of this Habitat FOCI was supported by polygon data derived from 1 IoS_LG_habitat_poly_NewInters ect polygon supplied by Regional Repoject-FS. No point data were available.	Regional Project -FS.
Eunicella verrucosa	No GI	No GI
Palinurus elephas	No GI	No GI

Description of New Evidence Identified by MB0116 Project

Evidence Description	Source	Feature
Survey ID MRLRC00300000035 MRLRC00300000226	Isle of Scilly Wildlife Trust	*Eunicella verrucosa*

Evidence That Could Not Be Acquired by MB0116 Project

No additional data were identified that could not be acquired.

Confidence Assessment undertaken by MB0116 project

Feature	Presence	Extent	Condition	Boundaries (site)
High energy infralittoral rock	Low	Low	Low	Low
Moderate energy infralittoral rock	Low	Low	Low	
High energy circalittoral rock	Low	Low	Low	
Moderate energy circalittoral rock	Low	Low	Low	
Subtidal coarse sediment	Low	Low	Low	
Fragile sponge & anthozoan communities on subtidal rocky habitats	Low	Low	Low	
Eunicella	Moderate	Moderate	Moderate	

verrucosa				
Palinurus elephas	No confidence	No confidence	No confidence	

Polygon data derived from combined MESH/UKSeaMap GB001055 was available to support the presence of the broad-scale habitat 'High energy infralittoral rock'. Five MESH points were also available within the feature polygon to verify presence, but these showed only a 42% agreement with the broad-scale habitat type and covered less than 50% of the feature. As a result, confidence in the presence of the feature was categorised as 'low', and confidence in the extent of the feature was categorised as 'moderate'. However, the confidence score assigned to extent was reduced to 'low' to reflect the low confidence score assigned to the presence of this feature.

There were six MESH points available for the feature 'High energy circalittoral rock', however, they fell outside of the feature polygon, therefore, a lack of validating points meant that confidence in presence and extent was considered to be 'low'.

Polygon data derived from combined MESH/UKSeaMap GB001055 supported the occurrence of the broad-scale habitats 'Moderate energy infralittoral rock', 'High energy circalittoral rock', 'Moderate energy circalittoral rock' and 'Subtidal coarse sediment'. No point data were available in support 'Moderate energy infralittoral rock', 'Moderate energy circalittoral rock' or 'Subtidal coarse sediment' and therefore, a confidence score of 'low' was given for both presence and extent of these features.

The occurrence of the habitat FOCI 'Fragile sponge & anthozoan communities on subtidal rocky habitats' was supported by polygon data derived from Regional Project data. An absence of point data resulted in the confidence in both the presence and extent of this feature being categorised as 'low'

The presence of the species '*Eunicella verrucosa*' was supported by 4 data points derived from 'FOCI_April_09_MCZ', 'Cornwall_FOCI_Species_NewIntersect', 'Isle of Scilly Wildlife Trust' and 'FS_Sample_Species_1982_NewIntersect', all of which were less than 6 years old. However, these data were not recorded by specialists, hence confidence in the presence and extent of this species was considered to be 'moderate'.

There was no geographic information available for the ENG feature '*Palinurus elephas*', therefore no confidence score could be assigned.

The BSH and HOCI features considered within this site are not considered to be highly sensitive to any pressures considered within the MB0102 sensitivity X pressures matrix and hence confidence in condition, based on this, is assessed as low. *Eunicella verrucosa* was considered to be sensitive (by project MB0102) to a number of pressures caused by human activities. This species is sensitive to fishing activities that disturb the seabed and these were indicated by evidence gathered through Charting Progress 2 to occur across the site. Confidence in condition is therefore assessed as 'moderate' although it is acknowledged the resolution of this data is fairly coarse.

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'.