

Offshore Overfalls (rMCZ17) Evidence Review

Region	Balanced Seas	
Site Name/number	Offshore Overfalls rMCZ BS17	
ENG Features present and proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> • Subtidal coarse sediment • Subtidal sand • Subtidal mixed sediments.
	Habitat FOCI	<ul style="list-style-type: none"> • Ross worm <i>Sabellaria spinulosa</i> reefs • Subtidal sands and gravels.
	Species FOCI	<ul style="list-style-type: none"> • <i>Raja undulata</i>
ENG Features present but not proposed for inclusion within MCZ designation	BSH	-
	Habitat FOCI	<ul style="list-style-type: none"> • Native Oyster <i>Ostrea edulis</i> beds • Sheltered muddy gravels
	Species FOCI	<ul style="list-style-type: none"> • <i>Ostrea edulis</i>
Non-ENG Features (Geological/geomorphological)		<ul style="list-style-type: none"> • English Channel outburst flood features

Evidence Summary – data provided by Regional MCZ Projects

Feature	Evidence Summary	Key Sources
Subtidal coarse sediment	Point and polygon data from MESH, UKSeaMap, REC, Regional Projects BS, and CEFAS. MESH confidence score is 81. Multiple validation points. The combination of habitat and point extent did not cover more than 50% of the rMCZ.	MESH, UKSeaMap, REC, Regional Projects B
Subtidal sand	Point and polygon data from MESH, REC and Regional Projects BS. MESH confidence score is 86. Multiple validation points. The combination of habitat and point extent did not cover more than 50% of the rMCZ.	MESH, REC and Regional Projects BS.
Subtidal mixed sediments	Point and polygon data from MESH, REC Regional Projects BS. MESH confidence score is 86. Multiple validation points. The combination of habitat and point extent did not cover more than 50% of the rMCZ.	MESH, REC Regional Projects BS.
Ross worm <i>Sabellaria spinulosa</i> reefs	Point data from Regional Projects BS. 2 ground-truthed record. No polygonal data.	Regional Projects BS.
Subtidal sands and gravels	Point and polygon data from MB102, MESH, REC, Regional Projects BS, UKSeaMap 100% of points within the HOCI	MB102, MESH, REC, Regional Projects BS, UKSeaMap

	polygons agree with habitat type. Sample data are not well distributed over more than 50% of the feature.	
<i>Raja undulata</i>	Data supplied in Regional Project BS Data from Eastern English Channel survey	Regional Projects - BS

Description of New Evidence Identified by MB0116 project

Evidence Description	Source	Feature
Surveys END 12/05 and CEND 14/06	Cefas	Subtidal coarse sediment Subtidal sands and gravels
CEFAS_Undulate_Ray_Survey_Data_MCZ).	Cefas	<i>Raja undulata</i>
Martin, C., S. Vaz, et al. (2010). "Spatio-temporal patterns in demersal elasmobranchs from trawl surveys in the eastern English Channel (1988-2008).	Marine Ecology Progress Series 417: 211-228.	<i>Raja undulata</i>
Stations sampled during the (eastern English) Channel Ground Fish Survey (CGFS; 1988 to 2008)	Cefas	<i>Raja undulate</i>
Gravels_451_2006_Trawls_Grabs_PSA_MCZ Gravels_451_2006_Trawls_Grab_Species_Use_MCZ Gravels_451_2002_Grabs_PSA_Species_MCZ Gravels_451_2002_Grabs_PSA_Species_HOCI_MCZ	Westminster Gravels Ltd	Ross worm <i>Sabellaria spinulosa</i> reefs Unknown HOCI

Evidence That Could Not Be Acquired by MB0116 project

Evidence Description	Source	Feature
Rock and thin sediment shape files.	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