

Coquet to St Mary's (NG 13) Evidence Review

Region	Net Gain	
Site Name/number	Coquet to St Mary's NG 13	
ENG Features present and proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> Moderate energy intertidal rock Low energy intertidal rock Intertidal coarse sediment Intertidal sand and muddy sand Intertidal mud Intertidal mixed sediments High energy infralittoral rock Moderate energy infralittoral rock Moderate energy circalittoral rock Subtidal coarse sediment Subtidal sand Subtidal mud Subtidal mixed sediments
	Habitat FOCI	<ul style="list-style-type: none"> Intertidal underboulder communities
	SOCI	-
ENG Features present but not proposed for inclusion within MCZ designation	BSH	-
	Habitat FOCI	<ul style="list-style-type: none"> Estuarine rocky habitats Sheltered muddy gravels Subtidal sands and gravels
	SOCI	<ul style="list-style-type: none"> <i>Arctica islandica</i>
Non-ENG Features (Geological/geomorphological)		-

Evidence Summary – data provided by Regional MCZ Projects

Feature	Evidence Summary	Key Sources
Moderate energy intertidal rock	The occurrence of this broad-scale habitat was supported by 13 Combined MESH/UKSeaMap GB001070 polygons and 17 MB102 GB001070 polygons. Point data were also identified at 26 MESH locations, derived from numerous MNCR surveys.	MB102 Combined MESH/UKSeaMap
Low energy intertidal rock	The occurrence of this broad-scale habitat was supported by 4 Combined MESH/UKSeaMap GB001070 polygons and 3 MB102 GB001070 polygons. Point data were also identified at 17 MESH locations, derived from a number of MNCR surveys.	MB102 Combined MESH/UKSeaMap
Intertidal coarse sediment	The occurrence of this broad-scale habitat was supported by 7 Combined MESH/UKSeaMap GB001070 polygons, 1 GB000223 polygon, 3	MB102 Combined MESH/UKSeaMap

	GB000281 polygons, 10 MB102 GB001070 polygons, 2 GB000223 polygons and 6 GB000281 polygons. Point data were also identified at 2 MESH locations, derived from an MNCR survey.	
Intertidal sand and muddy sand	The occurrence of this broad-scale habitat was supported by 21 Combined MESH/UKSeaMap GB001070 polygons, 2 GB000223 polygons, 8 GB000281 polygons, 27 MB102 GB001070 polygons, 7 GB000223 polygons and 117 GB000281 polygons. Point data were also identified at 26 MESH locations, derived from numerous MNCR surveys.	MB102 Combined MESH/UKSeaMap
Intertidal mud	The occurrence of this broad-scale habitat was supported by 2 Combined MESH/UKSeaMap GB001070 polygons, 3 GB001069 polygons, 4 GB001072 polygons, 13 MB102 GB001070 polygons, 2 GB001069 polygons and 7 GB001072 polygons. No point data were available.	MB102 Combined MESH/UKSeaMap
Intertidal mixed sediments	The occurrence of this broad-scale habitat was supported by 3 Combined MESH/UKSeaMap GB001070 polygons and 10 MB102 GB001070 polygons. No point data were available.	MB102 Combined MESH/UKSeaMap
High energy infralittoral rock	The occurrence of this broad-scale habitat was supported by 22 Combined MESH/UKSeaMap GB001055 polygons and 1 UKSeaMap GB001055 polygon. Point data were also identified in 1 MESH location, originating from an MNCR survey.	UKSeaMap Combined MESH/UKSeaMap
Moderate energy infralittoral rock	The occurrence of this broad-scale habitat was supported by 1 Combined MESH/UKSeaMap GB001055 polygon and 1 UKSeaMap GB001055 polygon. Point data were also identified in 31 MESH locations, derived from a number of MNCR and MRCON surveys.	UKSeaMap Combined MESH/UKSeaMap
Moderate energy circalittoral rock	The occurrence of this broad-scale habitat was supported by 1 Combined MESH/UKSeaMap GB001055 polygon and 1 UKSeaMap GB001055 polygon. Point data were also identified in 31 MESH locations, derived from numerous MNCR and MRCON surveys.	UKSeaMap Combined MESH/UKSeaMap
Subtidal coarse sediment	The occurrence of this broad-scale habitat was supported by 1 Combined MESH/UKSeaMap GB000653 polygon. Point data were also identified in 1 MESH location, derived from an MNCR survey.	Combined MESH/UKSeaMap UKSeaMap
Subtidal sand	The occurrence of this broad-scale habitat was supported by 2 Combined MESH/UKSeaMap GB001055 polygons. Point data were also	UKSeaMap Combined MESH/UKSeaMap

	identified in 22 MESH locations, derived from numerous MNCR surveys.	
Subtidal mud	The occurrence of this broad-scale habitat was supported by 6 MESH GB001055 polygons. Point data were also identified in 1 MESH location, derived from an MNCR survey.	MESH
Subtidal mixed sediments	The occurrence of this broad-scale habitat was supported by 1 Combined MESH/UKSeaMap GB000653 polygon. Point data were also identified in 6 MESH locations, derived from numerous MNCR surveys	Combined MESH/UKSeaMap
Intertidal under boulder communities	No polygon data were available to support the presence of this habitat FOCl. In total 16 point records were available within the rMCZ. These were derived from a number of projects including MB102, MESH and MNCR.	MB102 Combined MESH/UKSeaMap

Description of New Evidence Identified by MB0116 project

Evidence Description	Source	Feature
CEND 12/06_BA004_Blyth Disposal Site 2006_G9B CEND 12/07_BA004_Blyth Disposal Site 2006_G9A	Cefas	Subtidal sand Subtidal mixed sediments

Evidence That Could Not Be Acquired by MB0116 project

Evidence Description	Source	Feature
Foster-Smith, 2004. The Marine Fauna and Flora of the Cullercoats District: Marine Species Records for the Northeast Coast of England	http://www.nhbs.com/the_marine_fauna_and_flora_of_the_cullercoats_tefno_124056.html	Unknown
UK National Biodiversity Network, Marine Biological Association - Volunteer sightings data held by the DASSH Data Archive Centre.	MarBef	SOCI
Dyer, M.F., Fry, W.G., Fry, P.D. & Cranmer, G.J. 1983. Benthic regions within the North Sea. Journal of the Marine Biological Association of the United Kingdom. 63(03) 683-693.	MartinDyer@unicomarine.com Or http://www.mba.ac.uk/NMBL/	Unknown
Newbiggin Ness Waverider Buoy: Kfb 11/2010	WaveNet@cefas.co.uk	Unknown
Briardene Pumping Station	Northumbrian Water Limited	Unknown

Link House Sea Outfall	Northumbrian Water Limited	Unknown
Newbiggin/Ashington Sewage Scheme S	Northumbrian Water Limited	Unknown
Blyth Demonstrator Site	Narec (National Renewable Energy Centre)	Unknown
Bolam, S.G., Barrio-Frojan, C.R.S. and Eggleton, J.D., 2010. Macrofaunal production along the UK continental shelf. <i>Journal of Sea Research</i> , 64 166-179	Christopher.Barrio@cefas.co.uk	Unknown
Foster-Smith, J. 2000. The marine fauna and flora of the Cullercoats District. Marine species records for the North East coast of England. University of Newcastle, Department of Marine Sciences and Coastal Management. Newcastle upon Tyne.	r.foster-smith@envision.uk.com University of Newcastle, Department of Marine Sciences and Coastal Management. Newcastle upon Tyne.	Unknown
Kenny, A.J., Rees, H.L. and Lees, R.G., 1991. An inter-regional comparison of gravel assemblages off the English east and south coasts: preliminary results. C.M. - International Council for the Exploration of the Sea, CM 1991 (E:27). ICES [s.l.]. 6 + annexes pp	Andrew.Kenny@cefas.co.uk	Unknown