

Silver Pit (NG 6) Evidence Review

Region	Net Gain	
Site Name/number	Silver Pit NG 6	
ENG Features present and proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> Subtidal sand Subtidal mixed sediments
	Habitat FOCI	<ul style="list-style-type: none"> Ross worm <i>Sabellaria spinulosa</i> reefs Subtidal sands and gravels
	SOCI	-
ENG Features present but not proposed for inclusion within MCZ designation	BSH	-
	Habitat FOCI	-
	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
Subtidal sand	The occurrence of this broad-scale habitat was supported by 6 Combined MESH/UKSeaMap GB001100 polygons, 4 Humber REC polygons and 3 UKSeaMap GB001055 polygons. Point data were also available from 9 Humber REC locations and 1 MESH location, derived from a MRCON survey.	Combined MESH/UKSeaMap Humber REC UKSeaMap
Subtidal mixed sediments	The occurrence of this broad-scale habitat was supported by 26 Combined MESH/UKSeaMap polygons (15 GB000240 and 11 GB001100), 4 Humber REC polygons and 7 UKSeaMap GB001055 polygons. Point data were also available from 4 MESH locations (derived from a MRCON survey) and 2 Humber REC locations.	Combined MESH/UKSeaMap Humber REC UKSeaMap
Ross worm <i>Sabellaria spinulosa</i> reefs	The presence of this habitat FOCI was supported by 1 MB102 (MPALAYERS000274) polygon. The presence of <i>Sabellaria spinulosa</i> reef was supported by 19 point records within the rMCZ. These were derived from a number of projects including the Humber REC, HOCl points and 'Sab spinulosa reef' points.	MB102 Humber REC
Subtidal sands and gravels	The presence of this habitat FOCI was supported by 6 Combined MESH/UKSeaMap GB001100 polygons & 12 GB000240 polygons, 8 MB102 GB000240 polygons and 2 BGS modelled subtidal sands and gravels polygons, 5 UKSeaMap GB001055 polygons and 4	MB102 Combined MESH/UKSeaMap UKSeaMap Humber REC

	Humber REC polygons. Point data were also available from 2 MESH locations (derived from two MRCON surveys) and 6 Humber REC locations.	
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Description of New Evidence Identified by MB0116 project

Evidence Description	Source	Feature
Seabed_feature_area_MCZ_HOCI	Juliet-Amethyst_A2D_ & Juliet-Pickerill_A_Route_Survey	Subtidal sand Subtidal sands and gravels
Gravel_440_1_Monitoring_2001_MCZ	Westminster Gravels Ltd	Ross worm <i>Sabellaria spinulosa</i> reefs

Evidence That Could Not Be Acquired by MB0116 project

Evidence Description	Source	Feature
York Field Development Project - Offshore Environmental Statement - Addendum	East Riding of Yorkshire Council	Unknown
Hendrick, V. J., Foster-Smith, R. L. and Davies, A. J., 2011. Biogenic Reefs and the Marine Aggregate Industry. <i>Marine ALSF Science Monograph Series No. 3</i> . MEPF 10/P149. (Eds R. C. Newell & J. Measures). 60pp.	VJHendrick@gmail.com	Biogenic reef
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
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.I.]. 6 + annexes pp.	Andrew.Kenny@cefas.co.uk	Unknown
Cooper, K.M., Curtis, M., Wan Hussin, W.M.R., Barrio Froján, C.R.S., Defew, E.C., Nye, V. and Patterson, D.M., 2011. Implications of dredging	Keith.Cooper@cefas.co.uk	Unknown

induced changes in sediment particle size composition for the structure and function of marine benthic macrofaunal communities. <i>Marine Pollution Bulletin</i> , 62: 2087-2094.		
Humber Aggregate Dredging Association. Marine Aggregate Regional Environmental Assessment.	Humber Aggregate Dredging Association.	Unknown
Amethyst A1D	BP	Unknown
Triton Knoll - Site 1	RWE Npower Renewables	Unknown
Birchall, R., 2007. Determining The Extent Of <i>Sabellaria</i> Reefs During Seabed Surveys. <i>Offshore Site Investigation And Geotechnics, Confronting New Challenges and Sharing Knowledge</i> . The Society for Underwater Technology.	Roger.Birchall@gardline.co.uk	<i>Sabellaria</i>
Kroencke, I., 1995. Long-term changes in North Sea benthos. <i>Senckenbergiana maritime</i> . Frankfurt/Main, 26(1)	Unknown	Unknown
Lindeboom, H.J. and de Groot, S.J., 1998. <i>IMPACT-II: The effects of different types of fisheries on the North Sea and Irish Sea benthic Ecosystems</i> . NIOZ-Rapport. Netherlands Inst. for Sea Research, (1)	Unknown	Unknown