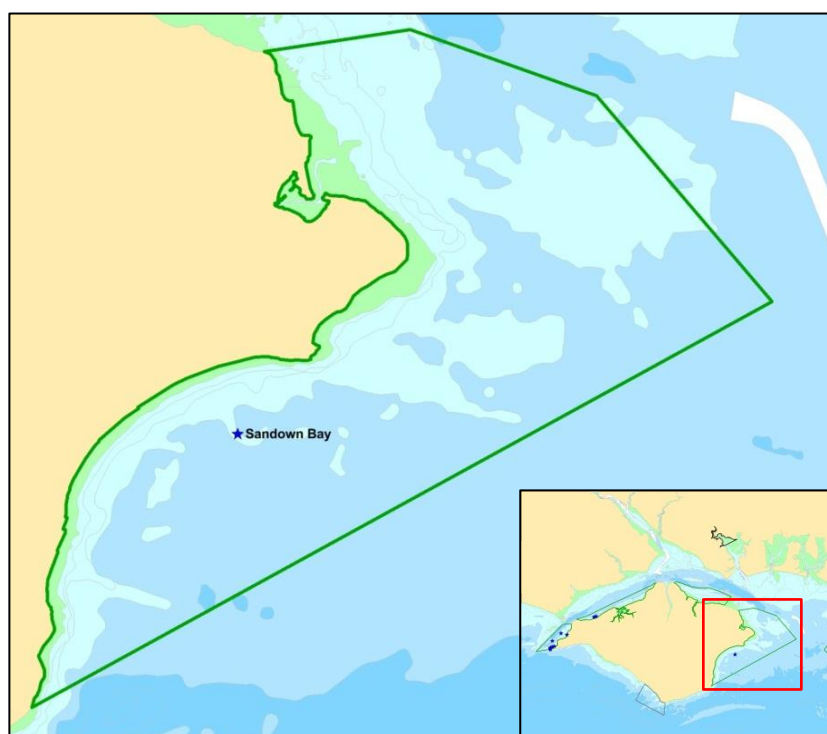


## Summary of Seasearch Surveys carried out by HIWWT in 2014 in the Bembridge recommended Marine Conservation Zone

Seasearch surveys were undertaken at one site within the Bembridge rMCZ in 2014, recording irregular bedrock reef neighbouring silty sand with pockets of recently deposited uncompacted silt throughout.

Below are detailed: survey site location map, site name, date, time, location (central position of survey); number of forms done, with names of the lead surveyors, photos/videos available; and an indication of the site location accuracy.

### Survey site locations



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### Survey divers

<b>Seasearch survey divers:</b> Mike Markey, James Lucey	<b>Seasearch observation divers:</b> William Hadley, Derek Watson, Ben Robinson, Dawn Biggs, Justin Evans
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### Data management and Quality Assurance

Form validation by Amy Marsden, HIWWT Marine Officer and Abbi Scott, HIWWT Assistant Marine Officer.  
Data entry into Marine Recorder by Abbi Scott, HIWWT Assistant Marine Officer.  
Identification of species samples by Chris Spurrier, consultant marine biologist.  
Biotope determinations by Chris Spurrier, consultant marine biologist.

## Survey details

**Sandown Bay** 13<sup>th</sup> April 2014. 14:42. 50° 39.090N, 01° 07.155W  
 3 Survey forms (Mike Markey, James Lucey, Justin Evans). Photos.  
 9 divers in 4 groups, dropped in at the same start position. Poor visibility prevented 1 group from carrying out surveys. Remaining groups reported irregular bedrock reef with depressions of sand and gravel. Reef gave way to few small boulders on loose silty sand and fragments of maerl, with pockets of recently deposited uncompacted silt throughout reef and sand habitat.  
 Start position at shot line (Deg DecMin). No end position recorded.

## Summary of priority habitats/features recorded in Bembridge rMCZ in 2014

BSH, Habitat and Species FOCI recommended for designation in this rMCZ		Supporting evidence from HIWWT Seasearch in 2014	Survey details (site, data & lead surveyor)
BSH	Subtidal sand	None	n/a
BSH	Subtidal mud	None	n/a
BSH	Subtidal coarse sediment	None	n/a
HOCl	Maerl ( <i>Phymatolithon calcareum</i> )	None	n/a
HOCl	Mud habitats in deep water	None	n/a
HOCl	Native oyster beds ( <i>Ostrea edulis</i> )	None	n/a
HOCl	Rossworm ( <i>Sabellaria spinulosa</i> ) reef	None	n/a
HOCl	Seagrass beds	None	n/a
HOCl	Seapens and burrowing megafauna	None	n/a
SOCI	Tentacled lagoon worm ( <i>Alkmaria romijni</i> )	None	n/a
SOCI	Lagoon Sand Shrimp ( <i>Gammarus insensibilis</i> )	None	n/a
SOCI	Kaleidoscope stalked jellyfish ( <i>Haliclystus auricula</i> )	None	n/a
SOCI	Long-snouted seahorse ( <i>Hippocampus guttulatus</i> )	None	n/a
SOCI	Long-snouted seahorse ( <i>Hippocampus hippocampus</i> )	None	n/a
SOCI	Starlet sea anemone ( <i>Nematostella vectensis</i> )	None	n/a
SOCI	Native Oyster ( <i>Ostrea edulis</i> )	None	n/a
SOCI	Peacock's Tail seaweed ( <i>Padina pavonica</i> )	None	n/a
SOCI	Sea snail ( <i>Paludinella littorina</i> )	None	n/a

Additional BSH, Habitat or Species FOCI recorded in this rMCZ (not included in rMCZ features list)		Supporting evidence from HIWWT Seasearch in 2014	Survey details (site, data & lead surveyor)
BSH	Moderate energy infralittoral rock	1 record of IR.MIR.KR.XFoR (Eunis A3.215) 9 photos.	Bembridge, 13th April 2014 (James Lucey).
BSH	Moderate energy circalittoral rock	2 records of CR.MCR.CFaVS.CuSpH.As (Eunis A4.2511) 9 photos.	Bembridge, 13th April 2014 (Mike Markey, Justin Evans).

## Reference to Marine Recorder survey and photo data submitted

MR Survey Name	2014 Seasearch Hampshire and Isle of Wight
MR Survey Key	MRLRC01200000023
Photo Spreadsheet Name	2014 HIWWT SeS MCZ T2 Photo evidence.xlsx

Photo Selection (see submitted photo evidence spreadsheet file files for more)



Bembridge. 13<sup>th</sup> April 2014. James Lucey. IR.MIR.KR.XFoR (Eunis A3.215)  
BSH: Moderate energy infralittoral rock  
Photo file name: 140413\_Sandown\_JamesLucey\_P4137838  
MR Event Key: MRLRC012000001C7



Bembridge. 13<sup>th</sup> April 2014. Justin Evans. CR.MCR.CFaVS.CuSpH.As (Eunis A4.2511)  
BSH: Moderate energy circalittoral rock  
Photo file name: 14 Sandown Bay - Black Bream nest search dive - 13 Apr 2014 - Justin Evans  
MR Event Key: MRLRC012000001C9



Bembridge. 13<sup>th</sup> April 2014. Mike Markey. CR.MCR.CFaVS.CuSpH.As (Eunis A4.2511)  
BSH: Moderate energy circalittoral rock  
Photo file name: 140413\_Sandown\_MikeMarkey\_1404130023c  
MR Event Key: MRLRC012000001C8