Summary of Seasearch Surveys carried out by HIWWT in 2014 in the Yarmouth to Cowes recommended Marine Conservation Zone

Seasearch surveys were undertaken at one site within the Yarmouth to Cowes MCZ in 2014, recording a ledged, sloping mud, peat and clay seabed with *Ostrea edulis* and piddock burrows.

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**

![Survey site location map](image)

**Survey divers**

**Seasearch survey divers:**
Lin Baldock, Jenny Mallinson, Polly Whyte, Matt Doggett, Amy Marsden, Bryony Chapman, Charlotte Bolton, James Lucey, Nick Owen, Nigel Topham, Kerry Evans

**Seasearch observation divers:**
Abbi Scott, Glyn Scott, Karen Dunford, David Farmer, Rebecca Oliver, Emma Christison, Justin Evans, Derek Watson, Roland Brookes, Matthew Ferguson, Chris Pirie, David Mason, Sue Meakin, Rik Girdler

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Summary of priority habitats/features recorded in Yarmouth to Cowes rMCZ in 2014

<table>
<thead>
<tr>
<th>BSH, Habitat and Species FOCI recommended for designation in this rMCZ</th>
<th>Supporting evidence from HIWWT Seasearch in 2014</th>
<th>Survey details (site, data &amp; lead surveyor)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSH</td>
<td>Intertidal coarse sediment</td>
<td>None</td>
</tr>
<tr>
<td>BSH</td>
<td>Low energy intertidal rock</td>
<td>None</td>
</tr>
<tr>
<td>BSH</td>
<td>Moderate energy infralittoral rock</td>
<td>2 records of IR.MIR.KR.Ldig.Pid (Eunis A3.2113) — note absence of kelp but location at top of reef makes this biotope more appropriate than CR.MCR.SfR.Pid. No photos</td>
</tr>
<tr>
<td>BSH</td>
<td>Subtidal coarse sediment</td>
<td>None</td>
</tr>
<tr>
<td>HOCI</td>
<td>Mud habitats in deep water</td>
<td>None</td>
</tr>
<tr>
<td>HOCI</td>
<td>Native oyster beds (Ostrea edulis)</td>
<td>None</td>
</tr>
<tr>
<td>HOCI</td>
<td>Peat and clay exposures</td>
<td>10 records of CR.MCR.SfR (Eunis A4.23) 6 photos — see also photos submitted for Moderate energy circalittoral rock BSH.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7 record of CR.MCR.SfR.Pid (Eunis A4.231)</td>
</tr>
</tbody>
</table>
**Summary of Seasearch Surveys carried out by HIWWT in 2014 in the Yarmouth to Cowes recommended Marine Conservation Zone.** Report completed 26 January 2015. Amy Marsden. Amy.Marsden@hiwwt.org.uk.

### Additional BSH, Habitat or Species FOCI recorded in this rMCZ (not included in rMCZ features list)

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<tr>
<td>High energy circalittoral rock</td>
<td>3 record of CR.HCR.XFa (Eunis A4.13) 5 photos.</td>
<td>Bouldnor Cliff (BC2) 3rd October 2014 (Justin Evans, Roland Brookes, Chris Pirie)</td>
</tr>
<tr>
<td>Moderate energy circalittoral rock</td>
<td>9 records of CR.MCR.SfR (Eunis A4.23) 4 photos – see also photos submitted for peat and clay exposures HOCI.</td>
<td>Bouldnor Cliff, 16th August 2014 (Emma Christison, Rebecca Oliver); Bouldnor Cliff 22nd August 2014 (Justin Evans); Bouldnor Cliff (BC2) 3rd October 2014 (Justin Evans, Roland Brookes, Karen Dunford, Chris Pirie, Polly Whyte, Emma Christison)</td>
</tr>
<tr>
<td>Subtidal mud</td>
<td>10 records of SS.SMu.SMuVS.PolCvol (Eunis A5.321) 8 photos - more available on request.</td>
<td>Bouldnor Cliff (BC5), 16th August 2014 (Abbi Scott); Bouldnor Cliff 22nd August 2014 (Polly Whyte, James Lucey, Nick Owen, Amy Marsden, Charlotte Bolton); Bouldnor Cliff (BC2) 3rd October 2014 (Justin Evans, Polly Whyte, Chris Pirie, Emma Christison)</td>
</tr>
<tr>
<td>Sublittoral mixed sediment</td>
<td>1 record of SS.SMx.CMx (Eunis A5.44) No photos.</td>
<td>Bouldnor Cliff (BC2) 3rd October 2014 (Roland Brookes)</td>
</tr>
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### Survey details (site, data & lead surveyor)

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4 photos – see also photos submitted for Moderate energy circalittoral rock BSH. Bouldnor Cliff 22nd August 2014 (Polly Whyte, James Lucey, Nick Owen, Lin Baldock, Amy Marsden, Charlotte Bolton).

No photos.

Reference to Marine Recorder survey and photo data submitted

<table>
<thead>
<tr>
<th>MR Survey Name</th>
<th>2014 Seasearch Hampshire and Isle of Wight</th>
</tr>
</thead>
<tbody>
<tr>
<td>MR Survey Key</td>
<td>MRLRC01200000023</td>
</tr>
<tr>
<td>Photo Spreadsheet Name</td>
<td>2014 HIWWT SeS MCZ T2 Photo evidence.xlsx</td>
</tr>
</tbody>
</table>

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

Bouldnor Cliff. 22nd August 2014. Nick Owen. CR.MCR.SfR.Pid (Eunis A4.231)
HOCi: Peat and clay exposures
BSH: Moderate energy circalittoral rock
Photo file name: 140822_Bouldnor_NOwen_IMG_6298
MR Event Key: MRLRC012000001E3

HOCi: Peat and clay exposures
BSH: Moderate energy circalittoral rock
Photo file name: 141003_Bouldnor BC2_JustinEvans_DSC0815034
MR Event Key: MRLRC012000001F0

Bouldnor Cliff. 22nd August 2014. Polly Whyte. CR.MCR.SfR.Pid (Eunis A4.231)
HOCl: Peat and clay exposures
BSH: Moderate energy circalittoral rock
Photo file name: 140822_Bouldnor_Cliff_Polly_Whyte-21
MR Event Key: MRLRC012000001DF

HOCl: Peat and clay exposures
BSH: Moderate energy circalittoral rock
Photo file name: 140822_Bouldnor_CBolton_P8225903
MR Event Key: MRLRC012000001EA

SOCI: Ostrea edulis (native oyster)
Photo file name: 140822_Bouldnor_CBolton_P8225903
MR Event Key: MRLRC012000001EA

BSH: High energy circalittoral rock.
Photo file name: 141003_Bouldnor_CPirie_IMG_1404
MR Event Key: MRLRC012000001F3
Bouldnor Cliff. 22nd August 2014. Nick Owen. CR.MCR.CFaVS.CuSpH.As (Eunis A4.2511)
BSH: Moderate energy circalittoral rock
Photo file name: 140822_Bouldnor_NOwen_IMG_6250
MR Event Key: MRLRC012000001E3

HOCI: Peat and clay exposures
BSH: Subtidal mud
Photo file name: 140816_Bouldnor_AbbiScott_DSCF18610106
MR Event Key: MRLRC012000001DD

HOCI: Peat and clay exposures.
BSH: Subtidal mud
Photo file name: 140822_Bouldnor_CBolton_P8225842
MR Event Key: MRLRC012000001EA

HOCI: Peat and clay exposures
BSH: Subtidal mud
Photo file name: 141003_Bouldnor BC2_JustinEvans_DSC0813525
MR Event Key: MRLRC012000001F0
Bouldnor Cliff (BC2). 3rd October 2014. Roland Brookes. SS.SMu.ISaMu.AmpPlon (Eunis A5.335)
BSH: Subtidal mud
Photo file name: 20140103 Seasearch Diving 127 copyRolandBrookes19
MR Event Key: MRLRC012000001ED