

## Summary of Seasearch Surveys carried out in Cromer Shoal recommended Marine Conservation Zone

Seasearch surveys consisting of 94 forms amalgamated into 88 survey events were undertaken at 20 sites within the Cromer Shoal rMCZ in 2014.

The features proposed for designation are:

Broad scale habitats

A3.1 High energy infralittoral rock

A3.2 Moderate energy infralittoral rock

A4.2 Moderate energy circalittoral rock

Habitat FOCI Subtidal chalk

Geological feature North Norfolk coast (subtidal)

Features within the area but NOT proposed for designation are:

Broad scale habitats

A5.1 Subtidal coarse sediment

Habitat FOCI

Blue mussel beds

Peat and clay exposures

Subtidal sands and gravels

Geological feature Trimingham (subtidal)

All the features with proposed designation were found throughout the areas surveyed and all those not proposed with the exceptions of blue mussel beds (trawled after being highlighted as a possible rMCZ site) and Trimingham subtidal (not surveyed this year).



Subtidal Chalk Habitat FOCI  
Weybourne – left  
West Runton - above

Below are detailed: site name, dates, times, 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.

<p><b>Rosalie wreck</b> 24 dives between 10/06/14 and 11/10/14, 17 Observer (Michael Southwood, Atanas Petrov) and 8 Survey forms (Dawn Watson, Rob Spray, Jon Chamberlain) Photographs and video. Centre of site 52 57.099N, 01 07.995E, some dives covered up to 200m of seabed. Some dives with GPS tracker on SMB.</p>
<p><b>Weybourne cliffs</b> 17 dives between 07/06/14 and 12/10/14, 8 Observer (Michael Southwood) and 10 Survey forms (Dawn Watson, Rob Spray, Jon Chamberlain) Photographs and video. Centre of site 52 56.996N, 01 08.497E, some dives covered up to 250m of seabed. Some dives with GPS tracker on SMB.</p>
<p><b>Spalla Gap</b> 4 dives between 28/08/2014 and 04/08/14 52 56.974N 01 09.928E. 4 Survey forms (Dawn Watson, Rob Spray) Photographs and video. Dives covered up to 1500m of seabed. Dives with GPS tracker on SMB.</p>
<p><b>Robin's Friend</b> 21/06/2014 17:30 52 56.838N 01 11.237E One spring low tide survey and one drift dive, 2 Survey forms (Dawn Watson) photographs. Positions from web mapping of entry and exit points.</p>
<p><b>Sheringham Esplanade/Lifeboat slip</b> 9 dives between 30/03/14 and 09/10/14, 5 Observation (Michael Southwood, Atanas Petrov) and 4 Survey forms (Dawn Watson, Rob Spray) Photographs and video. Centre of site 52 56.864N 01 12.523E, some dives covered up to 250m of seabed. Some dives with GPS tracker on SMB</p>
<p><b>Burlington Gullies</b> 3 dives 25/09/2014 16.10 and 10/10/14, 10.15 and 16.32, with 3 Survey forms (Dawn Watson and Rob Spray). 52 56.983N 01 12.429E is Northern extent of gullies. Photographs and video. Positions from GPS tracker on SMB</p>
<p><b>Cliff Lane Sheringham</b> 15/07/2014 18.03 52 56.848N 01 13.001E centre of dive. 1 Survey form (Dawn Watson). Photographs. Positions from web mapping of entry and exit points.</p>
<p><b>Vincent Road/sewer pipe Sheringham</b> 4 dives between 12/04/14 and 03/09/14, with 1 Observation form (Michael Southwood) and 3 Survey forms (Dawn Watson, Rob Spray, Simon Parker) Photographs and video. 52 56.805N, 01 13.092E centre of site, following a sewer pipe in a NE direction. Positions from GPS tracker on SMB</p>
<p><b>West Runton</b> 4 spring low tide surveys between 12/03/14 and 24/05/14, with 2 Observation forms (Michael Southwood) and 2 Survey forms (Dawn Watson) 52 56.511N 01 15.106E centre of site. 1 dive on 27/07/2014 at 15.48 with 1 Surveyor form (Dawn Watson) Photographs. 52 56.614N 01 15.232E centre of site. Positions from web mapping of entry and exit points.</p>
<p><b>East Runton 7</b> dives between 12/04/14 and 13/09/14 07/06/2014, with 3 Observation forms (Michael Southwood) and 5 Survey forms (Dawn Watson, Rob Spray) Photographs and video. 52 56.366N 01 16.573E centre of site. Positions from web mapping of entry and exit points.</p>
<p><b>Cromer seabed</b> 28/08/2014 12.16 1 Survey form (Rick Southwood). Photographs. 52 57.503N, 01 19.100 E beginning of drift dive, covering about 50m. Start and pick up position from boat.</p>
<p><b>Overstrand boat slip</b> 3 dives between 31/07/14 and 09/10/2014 with 3 Survey forms (Dawn Watson, Rob Spray). Photographs and video. 52 55.286N 01 20.779E Centre of site. Positions from web mapping of entry and exit points.</p>
<p><b>Overstrand drift</b> 1 dive 05/10/2014 with 2 Survey forms (Dawn Watson, Simon Parker) Photographs and video. 52 55.437N, 01 23.483E centre of drifts covering approx 2km. 4 divers in 2 groups, dropped in at different start positions. One group with GPS tracker on SMB and video, other group with a start and pick up position from boat.</p>
<p><b>Teddington wreck</b> 1 dive on 05/10/2014 13.51 with 1 Survey form (Dawn Watson). Photographs. 4 divers in 2 groups, dropped in at slightly different start positions. 52 55.965N 01 22.306E start position from boat.</p>
<p><b>Kenton wreck</b> 1 dive on 28/09/2014 at 12.00 with 1 Survey form (Jane Harris). Photographs. 52 54.204N, 01 23.292E start position from boat.</p>
<p><b>Ethel wreck</b> 1 dive on 07/08/2014 at 13.26 with 1 Survey form (Rick Southwood). Photographs. 52 53.716N, 01 31.800E Start position from boat.</p>
<p><b>Artemesia wreck</b> 1 dive on 21/08/2014 at 14.20 with 1 Survey form (Simon Parker). Photographs. 52 51.666N, 01 36.383E start position from boat.</p>
<p><b>Nubia wreck</b> 1 dive on 29/08/2014 at 12.51 with 1 Survey form (Simon Parker). Photographs. 52 50.603N, 01 32.031E start position from boat.</p>
<p><b>Actuosity wreck</b> 1 dive on 06/10/2014 at 15.00 1 Survey form (Simon Parker). Photographs. 52 57.157N, 01 30.407E start position from boat.</p>

**Mussel bed Sea Palling 1** dive on 27/09/2014 at 12.00 1 Survey form (Jane Harris). Photographs.  
52 49.851N, 01 33.861E start position from boat.

BSH, Habitat and Species FOCI recommended for designation in this rMCZ		Supporting evidence from Seasearch in 2014
BSH	High energy infralittoral rock	Overstrand boat slip, East Runton, West Runton, Sheringham Vincent Road, Sheringham Cliff Lane, Burlington Gullies, Sheringham Esplanade, Robin's Friend, Spalla Gap, Weybourne Cliffs
BSH	Moderate energy infralittoral rock	East Runton, West Runton, Weybourne Cliffs,
BSH	High energy circalittoral rock	Burlington Gullies, Sheringham Esplanade, Weybourne Cliffs, Rosalie wreck
HOCl	Subtidal chalk	Overstrand drift, East Runton, West Runton, Sheringham Vincent Road, Burlington Gullies, Spalla Gap, Weybourne Cliffs

Additional BSH, Habitat or Species FOCI recorded in this rMCZ (not included in rMCZ features list)		Supporting evidence from Seasearch in 2014
BSH	Subtidal coarse sediment	Actuosity wreck, Nubia wreck, Ethel wreck, Teddington wreck, Overstrand boat slip, Cromer seabed
BSH	Peat and clay exposures	Overstrand boat slip
BSH	Subtidal sands and gravels	Kenton wreck, Overstrand boat slip, East Runton, West Runton, Sheringham Vincent Road, Sheringham Cliff Lane, Sheringham Esplanade, Robin's Friend, Spalla Gap, Weybourne Cliffs, Rosalie wreck
HOCl	Sabellaria	Mussel bed



Above – clay reef with piddock borings, Overstrand Slip  
Left – subtidal chalk features, Sheringham

**Reference to Marine Recorder survey and photo data submitted**

MR Survey Name	2014 Seasearch Survey of proposed MCZ on Norfolk coast
MR Survey Key	MRMCS01700000014
Photo Spreadsheet Name	2014 Norfolk MCZ T2 Photo evidence.xlsx