Bideford to Foreland Point MCZ

Description:

Bideford to Foreland Point Marine Conservation Zone (MCZ) is an inshore site located on the coast of north Devon in the south west of England. The site covers an area of 104 km². This site protects a wide range of habitats, from beaches of intertidal sand, which are exposed to the air at low tide and below water at high tide, to subtidal sediment and rock habitats, which are permanently submerged. This site is important for creating connectivity between sites along the north coast of Devon and Cornwall.

Qualifying Features:

Bideford to Foreland Point MCZ hosts the following habitats and supports the following species: low energy intertidal rock, moderate energy intertidal rock, high energy intertidal rock, intertidal coarse sediment, intertidal mixed sediments, intertidal sand and muddy sand, intertidal underboulder communities, littoral chalk communities, moderate energy infralittoral rock, high energy infralittoral rock, moderate energy circalittoral rock, high energy circalittoral rock, subtidal coarse sediment, subtidal mixed sediments, fragile sponge and anthozoan communities on subtidal rocky habitats, honeycomb worm (*Sabellaria alveolata*) reefs, pink sea-fan (*Eunicella verrucosa*), spiny lobster (*Palinurus elephas*), subtidal sand and low energy infralittoral rock.

Management:

- None reported.

Stakeholder Concerns:

Improved education could mitigate potential damage from coasteering on the rocky shores.
**MPA: Bideford to Foreland Point MCZ**

**No. Stakeholders: 1 online & 4 workshop**

<table>
<thead>
<tr>
<th>Activity</th>
<th>Frequency</th>
<th>Duration</th>
<th>Participation</th>
<th>Intensity</th>
<th>Confidence</th>
<th>MPA Extent</th>
<th>Trend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board sports</td>
<td>4</td>
<td>2</td>
<td>6</td>
<td>48</td>
<td>H</td>
<td>1</td>
<td>↑</td>
</tr>
<tr>
<td>Motor boating</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>18</td>
<td>H</td>
<td>2</td>
<td>→</td>
</tr>
<tr>
<td>Jetskis</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>M</td>
<td>2</td>
<td>↑</td>
</tr>
<tr>
<td>Paddle sports</td>
<td>4</td>
<td>2</td>
<td>4</td>
<td>32</td>
<td>M</td>
<td>1</td>
<td>↑</td>
</tr>
<tr>
<td>Parascending</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>M</td>
<td>1</td>
<td>?</td>
</tr>
<tr>
<td>Sailing (non-motorised)</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>12</td>
<td>M</td>
<td>2</td>
<td>→</td>
</tr>
<tr>
<td>SCUBA diving</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>H</td>
<td>2</td>
<td>↑</td>
</tr>
<tr>
<td>Swimming / Snorkeling</td>
<td>3</td>
<td>1</td>
<td>6</td>
<td>18</td>
<td>H</td>
<td>2</td>
<td>↑</td>
</tr>
<tr>
<td>Towed water sports</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>H</td>
<td>0</td>
<td>?</td>
</tr>
<tr>
<td>Wildlife watching from the sea</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>M</td>
<td>1</td>
<td>↑</td>
</tr>
<tr>
<td>Bait collection</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>L</td>
<td>1</td>
<td>?</td>
</tr>
<tr>
<td>Beach recreation</td>
<td>4</td>
<td>3</td>
<td>6</td>
<td>72</td>
<td>H</td>
<td>2</td>
<td>↑</td>
</tr>
<tr>
<td>Coasteering</td>
<td>3</td>
<td>1</td>
<td>6</td>
<td>18</td>
<td>H</td>
<td>1</td>
<td>↑</td>
</tr>
<tr>
<td>Land boarding</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td>6</td>
<td>L</td>
<td>1</td>
<td>↓</td>
</tr>
<tr>
<td>Motorsports (quad bikes, motorbikes)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>?</td>
<td>0</td>
<td>?</td>
</tr>
<tr>
<td>Vehicle access (cars on foreshore)</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td>6</td>
<td>H</td>
<td>1</td>
<td>→</td>
</tr>
<tr>
<td>Wildlife watching from the land</td>
<td>4</td>
<td>2</td>
<td>5</td>
<td>40</td>
<td>M</td>
<td>1</td>
<td>↑</td>
</tr>
<tr>
<td>Drone use</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>L</td>
<td>1</td>
<td>↑</td>
</tr>
<tr>
<td>Gliding (unpowered)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>H</td>
<td>0</td>
<td>→</td>
</tr>
<tr>
<td>Aircraft (powered)</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>M</td>
<td>1</td>
<td>→</td>
</tr>
</tbody>
</table>

**KEY**

<table>
<thead>
<tr>
<th>FREQUENCY</th>
<th>DURATION</th>
<th>PARTICIPATION</th>
<th>INTENSITY</th>
<th>CONFIDENCE</th>
<th>EXTENT</th>
<th>TREND</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Regular/daily</td>
<td>4 &gt;8 hours</td>
<td>6 &gt;100</td>
<td>45-96 High</td>
<td>H</td>
<td>Whole MPA (solid)</td>
<td>↑ Increase</td>
</tr>
<tr>
<td>3 Regular/weekends</td>
<td>3 4-8 hours</td>
<td>5 51-100</td>
<td>24-40 Med-high</td>
<td>M</td>
<td>Part of MPA (shaded)</td>
<td>→ Stay the same</td>
</tr>
<tr>
<td>2 Seasonally</td>
<td>2 2-4 hours</td>
<td>4 21-50</td>
<td>9-20 Low-med</td>
<td>L</td>
<td>Low</td>
<td>↓ Decrease</td>
</tr>
<tr>
<td>1 Sporadically</td>
<td>1 &lt;2 hours</td>
<td>3 11-20</td>
<td>1-8 Low</td>
<td>?</td>
<td>Data missing</td>
<td>? Data missing</td>
</tr>
<tr>
<td>0 Does not occur</td>
<td>0 Does not occur</td>
<td>2 6-10</td>
<td>0 Does not occur</td>
<td></td>
<td>?</td>
<td>Data missing</td>
</tr>
<tr>
<td>? Data missing</td>
<td>? Data missing</td>
<td>1 1-5</td>
<td>? Data missing</td>
<td></td>
<td>?</td>
<td>Data missing</td>
</tr>
</tbody>
</table>

0 Does not occur

? Data missing

0 Does not occur

? Data missing
Non-licensable activities which occur in and around the Bideford to Foreland Point MCZ

Water based activities
- Board sports
- Motor boating
- Jetskis
- Paddle sports
- Sailing
- Swimming / Snorkelling
- Towed water sports
- Wildlife watching from the sea

Supplementary data
- SCUBA diving sites (Seasearch)
- Bait collection areas 2016-2018 (IFCA)
- General boating areas (RYA)
- MPA boundary

Land based activities
- Bait collection
- Beach recreation
- Coasteering
- Land boarding
- Motorsports
- Vehicle access (cars on foreshore)
- Wildlife watching from the land

Aerial activities
- Gliding (unpowered)
Marine Protected Area Designated Features - MCZs

### MCZ Species Features of Conservation Importance (Points)

**MCZ Feature code**
- Tentacled lagoon-worm (Ahlmannia ronnjimi, SOCI 1)
- Sea-fan anemone (Amphipractis dohni, SOCI 2)
- Ocean quahog (Arctica islandica, SOCI 3)
- Lagoon sandworm (Amandra cimphosa, SOCI 4)
- Fan mussel (Atrinapectinata, SOCI 5)
- Detritiis lagoon snail (Caecum armonicum, SOCI 6)
- Burgundy maerl paint weed (Crucia cruericaefloris, SOCI 7)
- Pink sea-fan (Euniella vernucosa, SOCI 8)
- Lagoon sand shrimp (Gammarus insensibilis, SOCI 9)
- Amphipod shrimp (Glanosia diaphana, SOCI 10)
- Giant goby (Gobius cubiis, SOCI 11)
- Couch's goby (Gobiulus couchi, SOCI 12)
- Stalked jellyfish (Halostoma sp., SOCI 14)
- Long snouted seahorse (Hippocampus guttulatus, SOCI 15)
- Short snouted seahorse (Hippocampus hippocampus, SOCI 16)
- Sunset cup coral (Lepastepamalia pruvotii, SOCI 17)
- Coral maerl (Lithothamnion corallioides, SOCI 18)
- Stalked jellyfish (Lucernariopsis cruxmelitensis, SOCI 19)
- Stalked jellyfish (Lucernariopsis campanulata, SOCI 20)
- Starlet sea anemone (Nemastomata vectensis, SOCI 21)
- Peacock's tail (Padina pavonica, SOCI 23)
- Spiny lobster (Palinurus elephas, SOCI 24)
- Sea snail (Puladnelia fittoria, SOCI 25)
- Common maerl (Phymatolithon calcareum, SOCI 26)
- Gosseneck barnacle (Pollicipes pollicipes, SOCI 27)
- Lagoon sea slug (Tenebria adspersa, SOCI 28)
- Trembling sea mat (Vicertella pavida, SOCI 29)
- Grateloup's little-lashed weed (Grateloupsia montagine, SOCI 30)
- European eel (Anguilla anguilla, SOCI 31)
- Smelt (Osmerus eperlanusi, SOCI 32)
- Undulate ray (Raja undulata, SOCI 33)
- Black seabream (Spondylosoma canthus, non ENG 1)

### MCZ Habitat Features of Conservation Importance (Points)

**MCZ Feature code**
- Blue Mussel Beds (HOCI 1)
- Cold water coral reefs (HOCI 2)
- Estuarine rocky habitats (HOCI 5)
- File shell beds (HOCI 6)
- Fragile sponge and anthozoan communities on subtidal rocky habitats (HOCI 7)
- Honeycomb worm (Sabella alveolata) reefs (HOCI 8)
- Horse mussel (Modiolus modiolus) reefs (HOCI 9)
- Intertidal under boulder communities (HOCI 10)
- Littoral chalk communities (HOCI 11)
- Maerl beds (HOCI 12)
- Mud habitats in deep water (HOCI 13)
- Native oyster beds (Ostrea edulis) (HOCI 14) DO NOT PUBLISH EXTERNALLY
- Peat and clay exposures (HOCI 15)
- Ross worm (Sabella spinulosa) reefs (HOCI 16)
- Sea pens and burrowing mega fauna (HOCI 18)
- Sheltered muddy gravels (HOCI 19)
- Subtidal chalk (HOCI 20)
- Subtidal sands and gravels (HOCI 21)
- Tide-swept channels (HOCI 22)

### MCZ Broadscale Habitat (Polygons)

**MCZ_Eunis_L3**
- High energy intertidal rock (A1.1)
- High/Moderate energy intertidal rock (A1.1/A1.2)
- Moderate energy intertidal rock (A1.2)
- Low energy intertidal rock (A1.3)
- Intertidal coarse sediment (A2.1)
- Intertidal sand and muddy sand (A2.2)
- Intertidal sand and muddy sand/Intertidal mud (A2.2/A2.3)
- Intertidal mud (A2.3)
- Intertidal mixed sediments (A2.4)
- Intertidal sediments dominated by aquatic angiosperms (A2.6)
- Intertidal biogenic reefs (A2.7)
- High energy infralittoral rock (A3.1)
- Moderate energy infralittoral rock (A3.2)
- Moderate energy infralittoral/circalittoral rock (A3.2/A4.2)
- Low energy infralittoral rock (A3.3)
- High energy circalittoral rock (A4.1)
- High/moderate energy circalittoral rock (A4.1/A4.2)
- Moderate energy circalittoral rock (A4.2)
- Low energy circalittoral rock (A4.3)
- Subtidal coarse sediment (A5.1)
- Subtidal sand (A5.2)
- Subtidal mud (A5.3)
- Subtidal mixed sediments (A5.4)
- Subtidal macrofynode dominated sediment (A5.5)
- Subtidal biogenic reefs (A5.6)
- Infralittoral rock and thin sandy sediment (A3.2, non ENG 20)
- Infralittoral rock and thin mixed sediment (A3.94, non ENG 21)
- Infralittoral muddy sand (A5.24, non ENG 23)
- Infralittoral sandy mud (A5.33, non ENG 24)