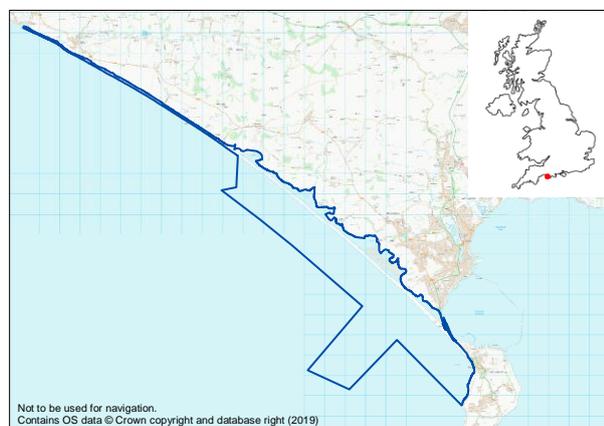


Chesil and The Fleet SAC and SPA & Chesil Beach and Stennis Ledges MCZ

Description:

Chesil Beach, stretching from West Bay to Portland, is well known for its coarse gravel, pebbles and cobbles (shingle) and at 29 km long is known as one of the best examples of a barrier beach in Europe. The Fleet is the largest example of a lagoonal habitat in England, covering approximately 4.95 km², supporting the greatest diversity of habitats and species of any saline lagoon in the UK. Chesil Beach and Stennis Ledges Marine Conservation Zone (MCZ) runs along the length of Chesil Beach from Abbotsbury to Weston on the Isle of Portland.



Qualifying Features:

The site hosts vegetation of drift lines, coastal lagoons, Mediterranean and thermo-Atlantic halophilous scrubs (*Sarcocornetea fruticosi*), perennial vegetation of stony banks, Atlantic salt meadows (*Glauco-Puccinellietalia maritimae*), high energy infralittoral rock, high energy intertidal rock, and intertidal coarse sediment. The site also supports breeding little tern (*Sternula albifrons*) and non-breeding wigeon (*Mareca penelope*), as well as supporting native oyster (*Ostrea edulis*) and the pink sea-fan (*Eunicella verrucosa*)

Management:

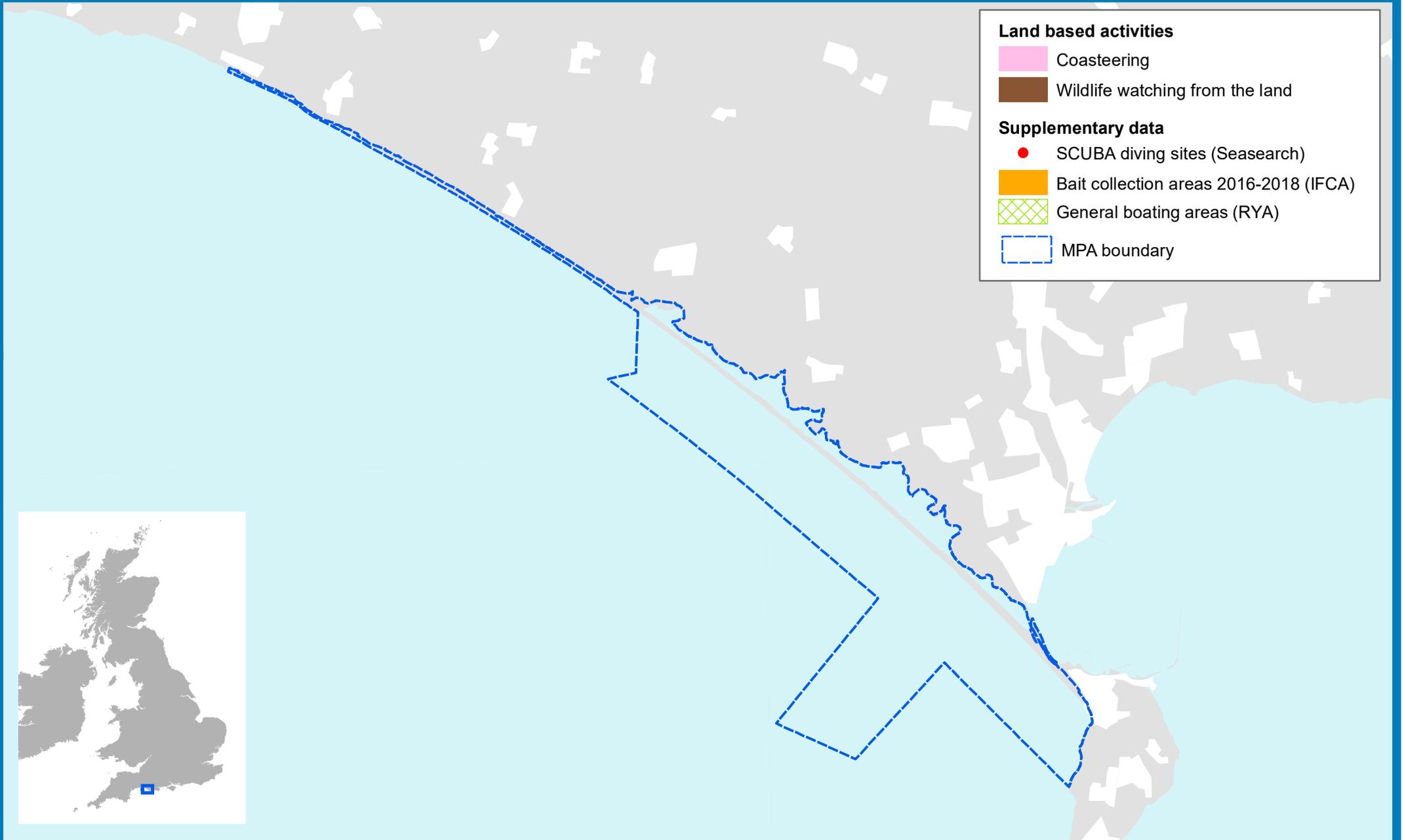
None reported.

Stakeholder Concerns:

None reported.



Non-licensable activities which occur in and around the Chesil and The Fleet SAC and SPA & Chesil Beach and Stennis Ledges MCZ



Marine Protected Area Designated Features - Marine SAC and Subfeatures and SPA Supporting Habitats

SAC Complex features (Polygons)

SAC_SFCODE

-  Estuaries (H1130)
-  Large shallow inlets and bays (H1160)

Mudflats and sandflats not covered by seawater at low tide (H1140) polygons

SAC_SFCODE

-  Intertidal coarse sediment (A2.1)
-  Intertidal sand and muddy sand (A2.2)
-  Intertidal mud (A2.3)
-  Intertidal mixed sediments (A2.4)
-  Intertidal seagrass beds (A2.61)

Sandbanks which are slightly covered by sea water all the time (H1110) polygons

SAC_SFCODE

-  Subtidal coarse sediment (A5.1)
-  Subtidal sand (A5.2)
-  Subtidal mud (A5.3)
-  Subtidal mixed sediment (A5.4)
-  Maerl beds (A5.51)
-  Subtidal seagrass beds (A5.53)

Reefs (H1170) points

SAC_SFCODE

-  Intertidal rock (A1)
-  Intertidal biogenic reefs: (*Sabellaria alveolata*) (A2.71)
-  Intertidal biogenic reefs: mussel beds (SF_SH_5)
-  Infralittoral rock (A3)
-  Circalittoral rock (A4)
-  Subtidal biogenic reefs: (*Sabellaria spp.*) (A5.61)
-  Subtidal biogenic reefs: mussel beds (SF_SH_6)

Reefs (H1170) polygons

SAC_SFCODE

-  Intertidal rock (A1)
-  Intertidal biogenic reefs: (*Sabellaria alveolata*) (A2.71)
-  Intertidal biogenic reefs: mussel beds (SF_SH_5)
-  Infralittoral rock (A3)
-  Circalittoral rock (A4)
-  Subtidal biogenic reefs: (*Sabellaria spp.*) (A5.61)
-  Subtidal biogenic reefs: mussel beds (SF_SH_6)

SAC_SFCODE

-  Sea Caves (H8330)

SAC_SFCODE

-  Saltmarsh (A2.5)

Marine Protected Area Designated Features - MCZs

MCZ Species Features of Conservation Importance (Points)

MCZ Feature code

-  Tentacled lagoon-worm (*Alkmaria romijni*, SOCI 1)
-  Sea-fan anemone (*Amphiarthus dohrni*, SOCI 2)
-  Ocean quahog (*Arctica islandica*, SOCI 3)
-  Lagoon sandworm (*Armandia cirrhosa*, SOCI 4)
-  Fan mussel (*Atrina pectinata*, SOCI 5)
-  Defoliant lagoon snail (*Caecum armoricum*, SOCI 6)
-  Burgundy maerl paint weed (*Crucira cruroaeformis*, SOCI 7)
-  Pink sea-fan (*Eunicella verrucosa*, SOCI 8)
-  Lagoon sand shrimp (*Gammarus insensibilis*, SOCI 9)
-  Amphipod shrimp (*Gtanopsis bispinosa*, SOCI 10)
-  Giant goby (*Gobius cobitis*, SOCI 11)
-  Couch's goby (*Gobius couchi*, SOCI 12)
-  Stalked jellyfish (*Halcyotis sp.*, SOCI 14)
-  Long snouted seahorse (*Hippocampus guttulatus*, SOCI 15)
-  Short snouted seahorse (*Hippocampus hippocampus*, SOCI 16)
-  Sunset cup coral (*Leptopsammia pruvoti*, SOCI 17)
-  Coral maerl (*Lithothamnion corallioides*, SOCI 18)
-  Stalked jellyfish (*Lucernariopsis cruxmilitensis*, SOCI 19)
-  Stalked jellyfish (*Lucernariopsis campanulata*, SOCI 20)
-  Starlet sea anemone (*Nematostella vectensis*, SOCI 21)
-  Peacock's tail (*Padina pavonica*, SOCI 23)
-  Spiny lobster (*Palinurus elephas*, SOCI 24)
-  Sea snail (*Paludina littorina*, SOCI 25)
-  Common maerl (*Phymatolithon calcareum*, SOCI 26)
-  Goose-neck barnacle (*Pollicipes pollicipes*, SOCI 27)
-  Lagoon sea slug (*Tenella adspersa*, SOCI 28)
-  Trembling sea mat (*Victorella pavidia*, SOCI 29)
-  Grateloup's little-lobed weed (*Grateloupia montagnei*, SOCI 30)
-  European eel (*Anguilla anguilla*, SOCI 31)
-  Smelt (*Osmerus eperlanus*, SOCI 32)
-  Undulate ray (*Raja undulata*, SOCI 33)
-  Black seabream (*Spondylosoma cartharus*, non ENG 1)

MCZ Habitat Features of Conservation Importance (Points)

MCZ Feature code

-  Blue Mussel Beds (HOCl 1)
-  Cold-water coral reefs (HOCl 2)
-  Estuarine rocky habitats (HOCl 5)
-  Fragile sponge and anthozoan communities on subtidal rocky habitats (HOCl 7)
-  Honeycomb worm (*Sabellaria alveolata*) reefs (HOCl 8)
-  Horse mussel (*Modiolus modiolus*) reefs (HOCl 9)
-  Intertidal under boulder communities (HOCl 10)
-  Littoral chalk communities (HOCl 11)
-  Maerl beds (HOCl 12)
-  Mud habitats in deep water (HOCl 13)
-  Native oyster beds DO NOT PUBLISH EXTERNALLY
-  Peat and clay exposures (HOCl 15)
-  Ross worm (*Sabellaria spinulosa*) reefs (HOCl 16)
-  Seagrass beds (HOCl 17)
-  Sea pens and burrowing megafauna (HOCl 18)
-  Sheltered muddy gravels (HOCl 19)
-  Subtidal chalk (HOCl 20)
-  Subtidal sands and gravels (HOCl 21)
-  Tide-swept channels (HOCl 22)

MCZ Habitat Features of Conservation Importance (Polygons)

MCZ Feature code

-  Blue Mussel Beds (HOCl 1)
-  Cold-water coral reefs (HOCl 2)
-  Estuarine rocky habitats (HOCl 5)
-  File shell beds (HOCl 6)
-  Fragile sponge and anthozoan communities on subtidal rocky habitats (HOCl 7)
-  Honeycomb worm (*Sabellaria alveolata*) reefs (HOCl 8)
-  Horse mussel (*Modiolus modiolus*) reefs (HOCl 9)
-  Intertidal under boulder communities (HOCl 10)
-  Littoral chalk communities (HOCl 11)
-  Maerl beds (HOCl 12)
-  Mud habitats in deep water (HOCl 13)
-  Native oyster beds (*Ostrea edulis*) (HOCl 14) DO NOT PUBLISH EXTERNALLY
-  Peat and clay exposures (HOCl 15)
-  Ross worm (*Sabellaria spinulosa*) reefs (HOCl 16)
-  Seagrass beds (HOCl 17)
-  Sea pens and burrowing megafauna (HOCl 18)
-  Sheltered muddy gravels (HOCl 19)
-  Subtidal chalk (HOCl 20)
-  Subtidal sands and gravels (HOCl 21)
-  Tide-swept channels (HOCl 22)
-  Black seabream (*Spondylosoma cartharus*) nesting areas (non_ENG_1)

MCZ Broadscale Habitat (Polygons)

MCZ_Eunis_L3

-  High energy intertidal rock (A.1.1)
-  High/Moderate energy intertidal rock (A.1.1/A.1.2)
-  Moderate energy intertidal rock (A.1.2)
-  Low energy intertidal rock (A.1.3)
-  Intertidal coarse sediment (A.2.1)
-  Intertidal sand and muddy sand (A.2.2)
-  Intertidal sand and muddy sand/Intertidal mud (A.2.2/A.2.3)
-  Intertidal mud (A.2.3)
-  Intertidal mixed sediments (A.2.4)
-  Coastal saltmarshes and saline reedbeds (A.2.5)
-  Intertidal sediments dominated by aquatic angiosperms (A.2.6)
-  Intertidal biogenic reefs (A.2.7)
-  High energy infralittoral rock (A.3.1)
-  Moderate energy infralittoral rock (A.3.2)
-  Moderate energy infralittoral/circalittoral rock (A.3.2/A.4.2)
-  Low energy infralittoral rock (A.3.3)
-  High energy circalittoral rock (A.4.1)
-  High/moderate energy circalittoral rock (A.4.1/A.4.2)
-  Moderate energy circalittoral rock (A.4.2)
-  Low energy circalittoral rock (A.4.3)
-  Subtidal coarse sediment (A.5.1)
-  Subtidal sand (A.5.2)
-  Subtidal mud (A.5.3)
-  Subtidal mixed sediments (A.5.4)
-  Subtidal macrophyte-dominated sediment (A.5.5)
-  Subtidal biogenic reefs (A.5.6)
-  Infralittoral rock and thin sandy sediment (A.3.A.2, non ENG 20)
-  Infralittoral rock and thin mixed sediment (A.3.9.4, non ENG 21)
-  Infralittoral muddy sand (A.5.24, non ENG 23)
-  Infralittoral sandy mud (A.5.33, non ENG 24)