

## Policy Unit: 5f CHB1

### Harbour side of Mudeford Sandbank

Topographic Beach Profiles: 5f00306 – 5f00323



#### Summary

The harbour side of Mudeford sandspit is managed in the policy unit CHB1 but is largely reliant on the seaward side of the spit (CBY1) for its management policies. The unit is composed of fine mud and sand which is relatively stable due to the low current and wave activity within the harbour. There is a small section of revetment at the harbour mouth which is used to stabilise the spit here and provide some protection to the 'Black House'. There is also a section of rock revetment, approximately 200m in length, at the south end of the unit adjoining Hengistbury Head. There are a large number of beach huts and amenities along the sandbank which require protection from flooding and coastal erosion.

The sandbank receives annual recycling operations in order to maintain beach levels to a sufficient standard that will afford protection to the backing sand dunes and ultimately prevent a breach of the sandbank. However these management activities are confined to the front of the spit (CBY1) with very little activity on the harbour side.

#### Survey Regime

Survey type	Frequency	Profile spacing/survey extent
<i>Topographic baseline</i>	5 years	35-55m to MLWS
<i>Topographic interim profile</i>	Spring and autumn	410m to MLWS
<i>Bathymetry</i>	Not surveyed	-
<i>Ortho-photography</i>	5 years	MLWN
<i>Non-rectified aerial photography</i>	Annual	MLWN
<i>Lidar</i>	Years 1, 2, 3, 5	MLWN
<i>Habitat mapping</i>	5 Years	Extent of ortho-photography

