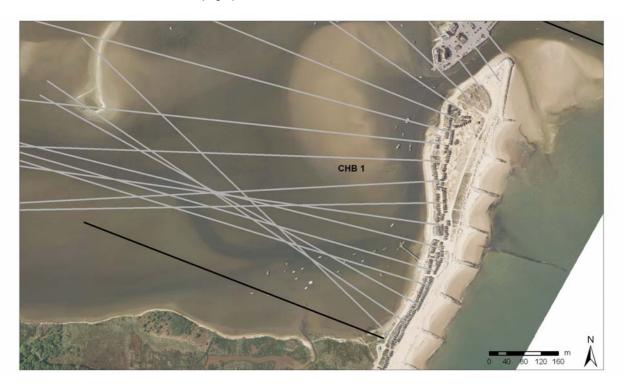
## Policy Unit: 5f CHB1

## 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	
Topographic baseline	5 years	35-55m to MLWS	
Topographic interim profile	Spring and autumn	410m to MLWS	
Bathymetry	Not surveyed	-	
Ortho-photography	5 years	MLWN	
Non-rectified aerial photography	Annual	MLWN	
Lidar	Years 1, 2, 3, 5	MLWN	
Habitat mapping	5 Years	Extent of ortho-photography	