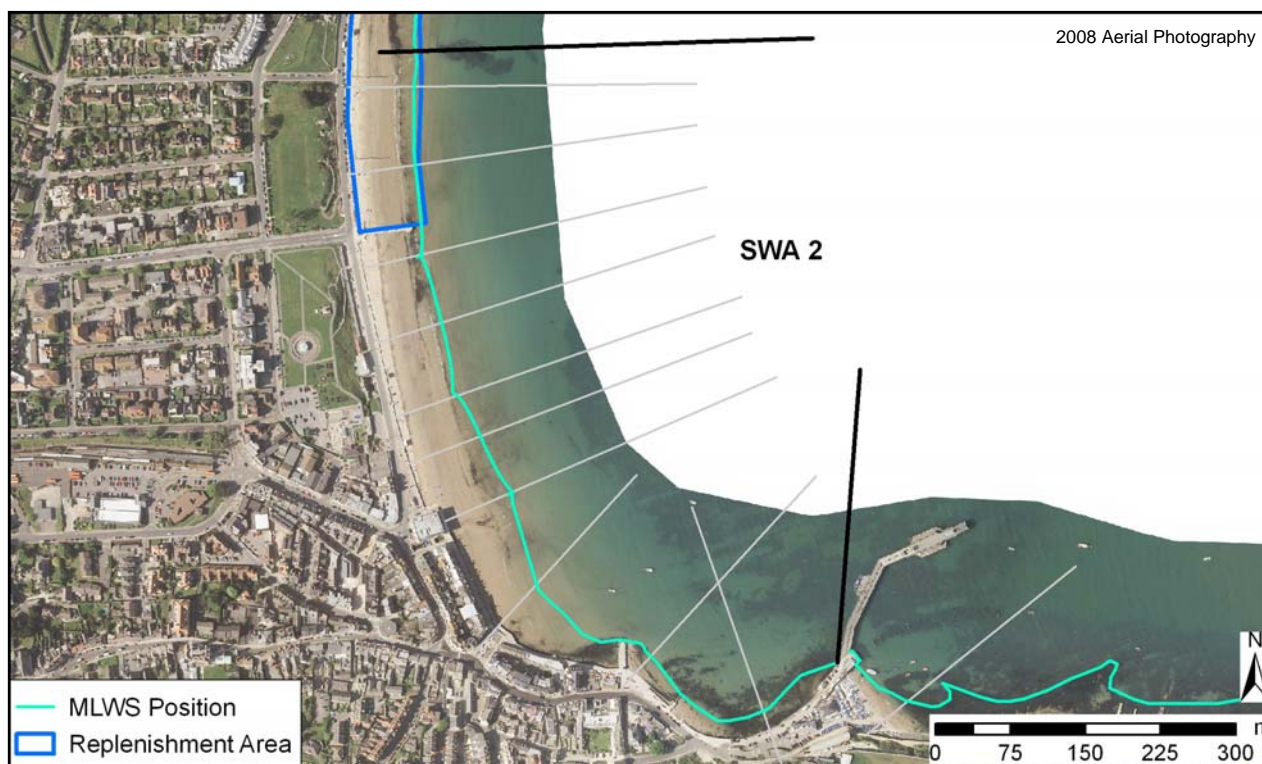


Policy Unit: 5f SWA2

Outfall Jetty to Swanage Pier

Topographic Beach Profiles 5f00761 to 5f00770



Summary

The majority of this policy unit is composed of a sandy beach, with exception of the south-easternmost section where the beach narrows and gravel and rock become increasingly prevalent. Timber groynes and a seawall protect local property as well as one of the main access roads into Swanage that runs immediately adjacent to the shoreline. A replenishment programme was introduced in the winter of 2005/2006, using 90,000m³ of the 1.1million m³ of sediment dredged from Poole Harbour channel and approaches. This provided a wider beach in front of the seawall and also served to add to the amenity value of Swanage.

Survey Regime

Survey type	Frequency	Profile spacing/survey extent
<i>Topographic interim profiles</i>	Spring and Autumn	50 - 150m to MLWS
<i>Topographic baseline</i>	Annual	50 - 150m to MLWS
<i>Bathymetric baseline</i>	2 years	50m to 300m offshore
<i>Ortho-photography</i>	5 years	MLW
<i>Non-rectified aerial photography</i>	Annual	MLW
<i>Lidar</i>	3 years	MLW
<i>Habitat mapping</i>	5 years	Extent of ortho-photography

Summary of beach operations

Date	Operation	Quantity (m ³)	Location/Notes
2005 - 2006			
Nov 2005 - May 2006	Beach replenishment	90,000	North of outfall jetty
Nov 2005 - May 2006	Timber groynes replaced		Groynes to the north of outfall jetty replaced
1993			
	Outfall jetty construction		
1985			
	Groyne refurbishment		
1938			
	Seawall construction		
1930			
	Timber groyne construction		