

## **Thorpeness Monthly Monitoring Report**

**Date and Time of Survey:** February 5<sup>th</sup>, 2025, 09:15

**Time of Low Tide:** 09:24

**Inspector:** Thomas Hayden

Monthly inspection of the frontage between Thorpeness village and ness. The purpose is to check signage, flag any hazards relating to public safety, inspect condition and exposure of defences, and monitor geomorphological changes. For best access, inspections should be done at low tide with due regard to the weather and sea state.

### **Southern undefended frontage**

Upper Beach Levels: Significant Increase

Lower Beach Levels: Significant Increase

Comments on the Current Beach Levels over the southern UNDEFENDED frontage: Beach levels have recovered since the last inspection. The ridge on the upper beach has built, with a secondary ridge in front on the lower beach. This is due to the lower beach building, with the high tide mark approximately in the middle of the beach.

Photos of the southern UNDEFENDED frontage:



**(Central) Defended Frontage**

Upper Beach Levels: Significant Increase

Lower Beach Levels: Significant Increase

Comments on the current beach levels over the DEFENDED frontage: Beach levels have recovered significantly since the last inspection. The geobags have nearly all been re-covered, with only a few exposed through the lower beach. The lower gabions have been recovered with beach material from the upper beach.

Photos of the central DEFENDED frontage:



**Gabion condition**

Comments on gabion condition: The southern end of the gabions are still standing and have not sustained any damage. However, the gabions adjacent to the south side of the rock have been impacted over last inspection period, with the lower gabions having slipped slightly. More of the cliff material has been eroded from above the gabions, with a gap between the base of the cliff and the gabions.

Photos of the gabions:



### **Phase 1 Geobag condition**

Comments on Phase 1 Geobag condition: Phase 1 geobags remain mostly covered. Some of the bags are uncovered at towards the southern end of the installation. These are approximately halfway up, above the high tide mark. These bags are not damaged.

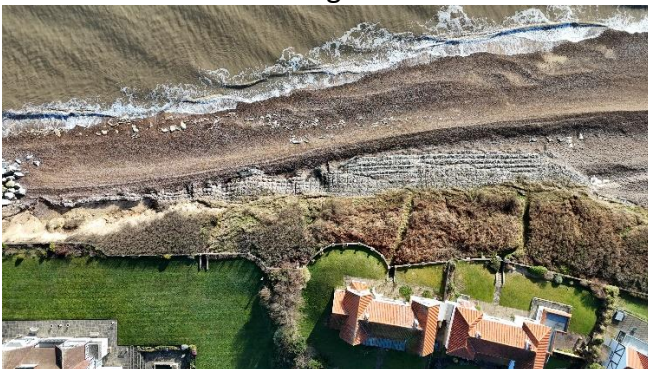
Photos of Phase 1 Geobags:



### **Phase 2 Geobag condition**

Comments on Phase 2 Geobag condition: These geobags have been largely recovered since the last inspection. Some of the lower bags remain uncovered, mainly within the intertidal zone.

Photos of Phase 2 Geobags:



### **Signage condition**

Signage condition: Good

One sign has been vandalised and removed from its mounting. All other signage remains in place and legible.

### **Debris**

Photos of debris as above.

**Northern UNDEFENDED Frontage:**

Upper Beach Levels: Significant Increase

Lower Beach Levels: Significant Increase

Comments on the current beach levels, north of defence termination: Beach levels have recovered since the last inspection. The high tide mark has moved away from the base of the cliffs, with the lower beach building as a result. This has meant that the bay profile of the beach running North to South has filled out, to result in a straighter line from the ness to the rock. A second ridge line has formed on the upper beach, at the base of the cliffs. The cliffs have been eroded some more and have lost some material along the length of this part of the frontage.

Photos of the northern UNDEFENDED Frontage:



**Comparison: December 2024 to February 2025**



**December 2024**



**February 2025**