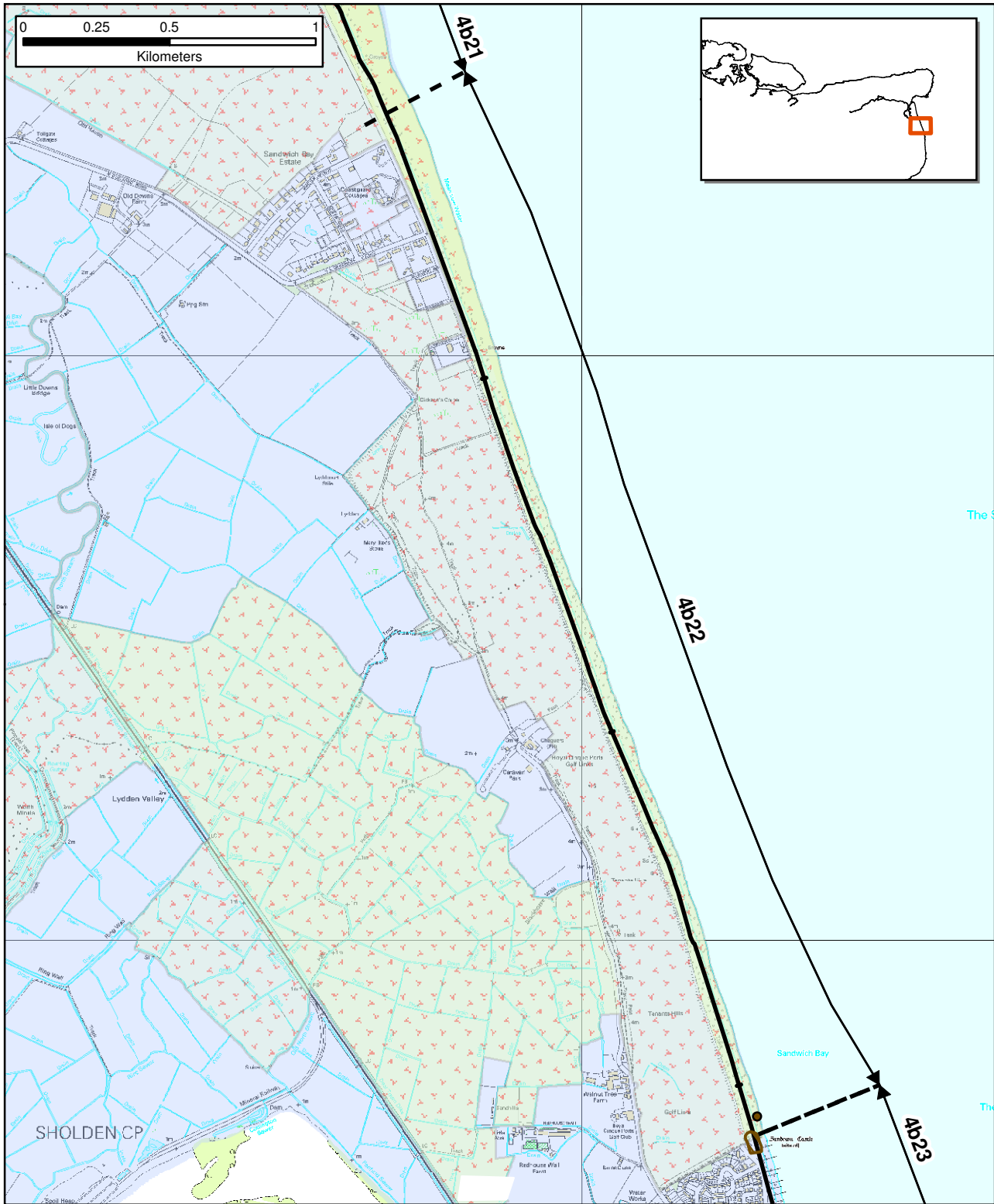


Isle of Grain to South Foreland Shoreline Management Plan

Policy Unit 4b 22: Sandwich Bay Estate (North) to Sandown Castle (remains of) - Map 1



Policy

From Present Day:	Medium-Term:	Long-Term:
Hold the Line	Hold the Line	Hold the Line

Erosion Lines

- 0-20 year erosion
- 20-50 year erosion
- 50-100 year erosion

- Policy Unit Boundary
- Hold the Line (0 - 100 years)

- Potential maximum long-term realignment option
- 2005 Indicative floodplain © Environment Agency

Environmental/Cultural Heritage

- National Nature Conservation Designation
- International and National Nature Conservation Designation
- Important Heritage Sites (Scheduled Monuments)

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Location reference: Sandwich Bay Estate (north) to Sandown Castle (remains of)

Policy Unit reference: 4b22

SUMMARY OF THE PLAN AND JUSTIFICATION

Plan:

The long term plan is to minimise flood risk and protect the backing hinterland and its associated assets. Land here is very low and flood inundation could potentially affect an extensive area. There is a possibility that flooding could combine with frontages up and down drift and extend to the north Kent coast, along the Reculver to Minnis Bay frontage. Continuing to provide flood protection will benefit the many assets at risk. A major impact of this policy will be the narrowing of the inter-tidal area. This will be highly susceptible to 'squeeze' under a scenario of sea level rise, thereby resulting in the possibility of little or no beach remaining in 100 years time. However, this will be offset by continuing to provide protection to environmental, residential and commercial assets, as well as regionally important infrastructure and nationally important golf links. There is the potential that due to the predicted rise in sea level alternative engineering options will be required (i.e. hard defences) in the long term.

This section of coastline has also been addressed in more detail within the Pegwell to Kingsdown Coastal Management Strategy, where the preferred policy for 'Reach 3: Sandwich Bay Estate' is 'Maintain' and the preferred policy for 'Reach 4: Sandwich Bay Estate to Deal Castle' is 'Improve', which concurs with the hold the line policy in this SMP.

Preferred policies to implement Plan:

From present day: The present day policy for Sandwich Bay Estate (north) to Sandown Castle is to **hold the line** and continue protecting the low lying hinterland by upgrading the existing defences and monitoring the fronting shingle beach. This pressure on this coastline will be exacerbated in the future; with sea level rise it will become increasingly probable that hard defences will be required to provide the adequate standards of protection in the long term.

Medium-term: The medium term policy for Sandwich Bay Estate (north) to Sandown Castle (remains of) is to continue to **hold the line**. In response to sea level rise it is anticipated that maintenance to the defence structures and beach management may need to increase at some point during this period.

Long-term: The long term policy for Sandwich Bay Estate (north) to Sandown Castle is to continue to **hold the line**. However, although the position at which this is achieved will become increasingly difficult with the predicted rise in sea level and a continually diminishing sediment supply. To accomplish this, management practises may need to change at some point during this epoch. As such the character of this frontage is anticipated to change. Nonetheless, assets (infrastructure, socio-economic, environmental and residential) close to

Location reference: **Sandwich Bay Estate (north) to Sandown Castle (remains of)**

Policy Unit reference: **4b22**

and behind the shoreline will remain protected.

Location reference:	<i>Sandwich Bay Estate (north) to Sandown Castle (remains of)</i>					
Policy Unit reference:	<i>4b22</i>					
IMPLICATIONS OF THE PLAN FOR THIS LOCATION						
Time Period	Management Activities	Property, Built Assets & Land Use	Landscape	Nature Conservation	Historic Environment	Amenity & Recreational Use
2025	Maintain / upgrade current defence structures / management practises.	All built assets are maintained.	Current landscape maintained.	Current environmental interests are maintained.	No known heritage assets are at risk. Some unknown heritage assets could be exposed / at risk.	Current amenity and recreational facilities could be interrupted slightly as defence structures are upgraded.
2025 – 2055	Maintain the defence structures and management practises.	All built assets are maintained.	Current landscape maintained.	Current environmental interests are maintained but the fronting beach will denude.	No known heritage assets are at risk. Some unknown heritage assets could be exposed / at risk.	Current amenity and recreational facilities maintained.
2055 – 2105	Maintain / upgrade defence structures and potentially implement beach management practises under a scenario rising sea levels.	All built assets are maintained.	Upgrading defence structures could impact on the landscape along this stretch of coast.	Current environmental interests are maintained but the fronting beach will continue to denude.	No known heritage assets are at risk. Some unknown heritage assets could be exposed / at risk.	Some recreational facilities may reduce due to a denuding beach.