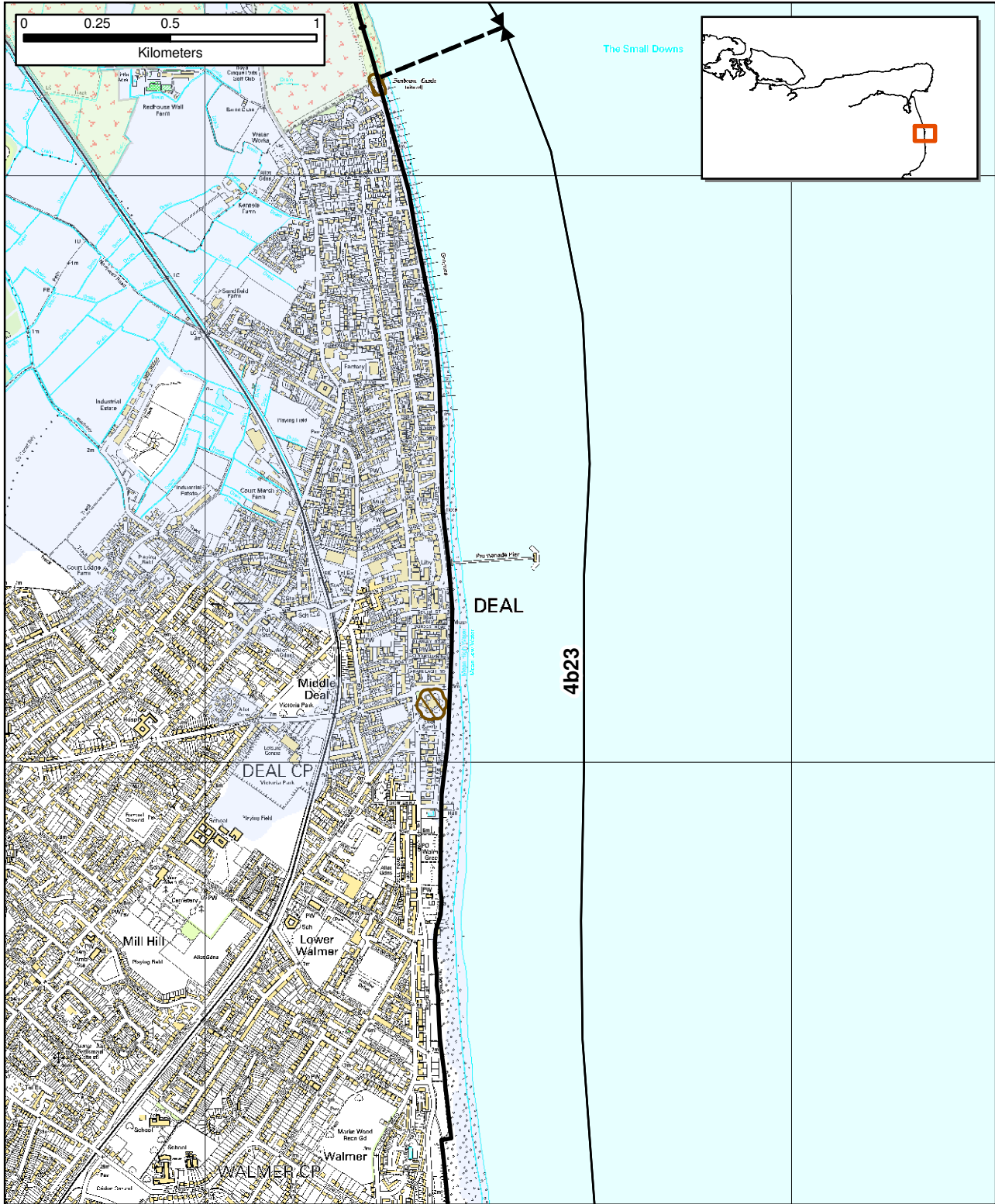


Isle of Grain to South Foreland Shoreline Management Plan

Policy Unit 4b 23: Sandown Castle (remains of) to Oldstairs Bay - Map 1 of 2



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

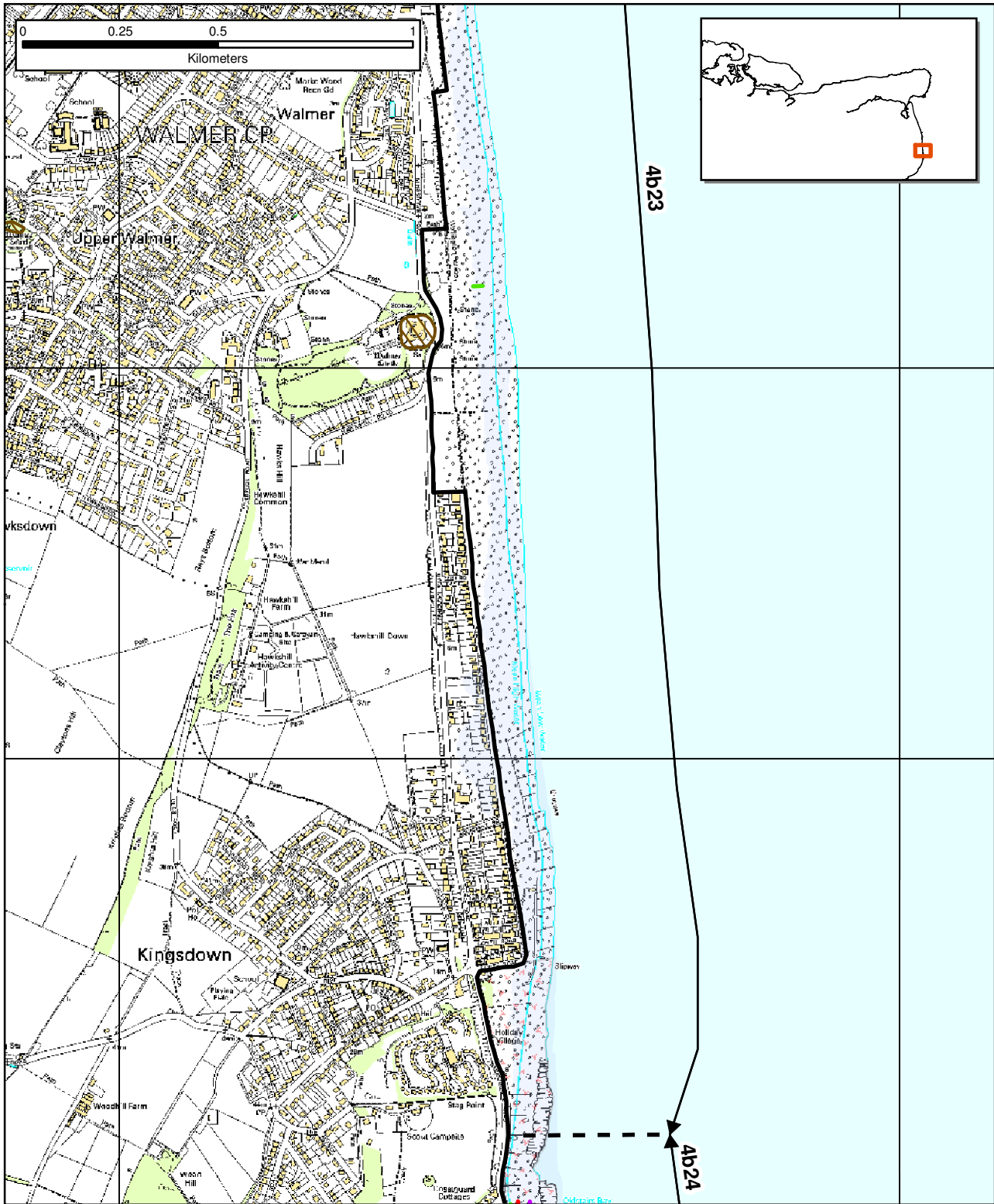
Environmental/Cultural Heritage

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

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Isle of Grain to South Foreland Shoreline Management Plan

Policy Unit 4b 23: Sandown Castle (remains of) to Oldstairs Bay - Map 2 of 2



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

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



Potential maximum long-term realignment option



2005 Indicative floodplain © Environment Agency

Environmental/Cultural Heritage



National Nature Conservation Designation



International and National Nature Conservation Designation

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Location reference: Sandown Castle (remains of) to Oldstairs Bay

Policy Unit reference: 4b23

SUMMARY OF THE PLAN AND JUSTIFICATION

Plan:

The towns of Deal, Walmer and Kingsdown dominate this section of the coast. As such the built assets extend to the shoreline, which in many places is fronted by popular tourist beaches and backed by low-lying land, although this does rise to the south, towards Kingsdown. The plan is to continue protecting the towns of Deal, Walmer and Kingsdown and their associated seafronts, which are of great value to the local economy due to tourism. Under a scenario of sea level rise, a limited supply of contemporary sediment and the shoreline being held seawards of its natural alignment, a narrowing of the beach is predicted. Subsequently significant amounts of beach nourishment will be required if an amenity beach is to be maintained and existing defence structures will need to be upgraded if the built assets are to remain protected. There is a potential that upgrading defence structures here could alter the landscape quality along this section of the coast.

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 4: Sandwich Bay Estate to Deal Castle' is 'Improve', the preferred policy for 'Reach 5: Deal castle to Walmer Castle' is 'Do minimum' and the preferred policy for 'Reach 6: Walmer Castle, Kingsdown and Oldstairs Bay' is 'Maintain', which concurs with the hold the line policy in this SMP.

Preferred policies to implement Plan:

From present day: The present day policy is to **hold the line**, continuing to protect the towns of Deal, Walmer and Kingsdown and their associated assets by maintaining the defence structures.

Medium-term: The medium term policy is to continue to **hold the line**. In response to sea level rise it is anticipated that the defence structures and beach management practises will need to increase at some point during this period. In continuing to maintain and upgrade the defence structures alongshore coastal processes will remain restricted but not completely interrupted.

Long-term: The long-term policy is to continue to **hold the line**. This will be achieved by maintaining and upgrading the present defence structures. This will continue to protect assets from predicted sea level rise but will probably induce increased scour. Beaches along this section of the coast are anticipated to denude during this epoch and additional maintenance will be necessary to sustain an amenity driven frontage. If this becomes technically or economically unsustainable then alternative (hard engineering) options may need to be sought. If this were to be the case then the character of the frontage would change. This recommendation is deemed sustainable over the SMP timescale

although this may not be technically or economically viable in the much longer term.

Location reference:	Sandown Castle (remains of) to Oldstairs Bay					
Policy Unit reference:	4b23					
IMPLICATIONS OF THE PLAN FOR THIS LOCATION						
Time Period	Management Activities	Property, Built Assets and Land Use	Landscape	Nature Conservation	Historic Environment	Amenity and 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 maintained.
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 could be interrupted slightly as defence structures are upgraded.
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.