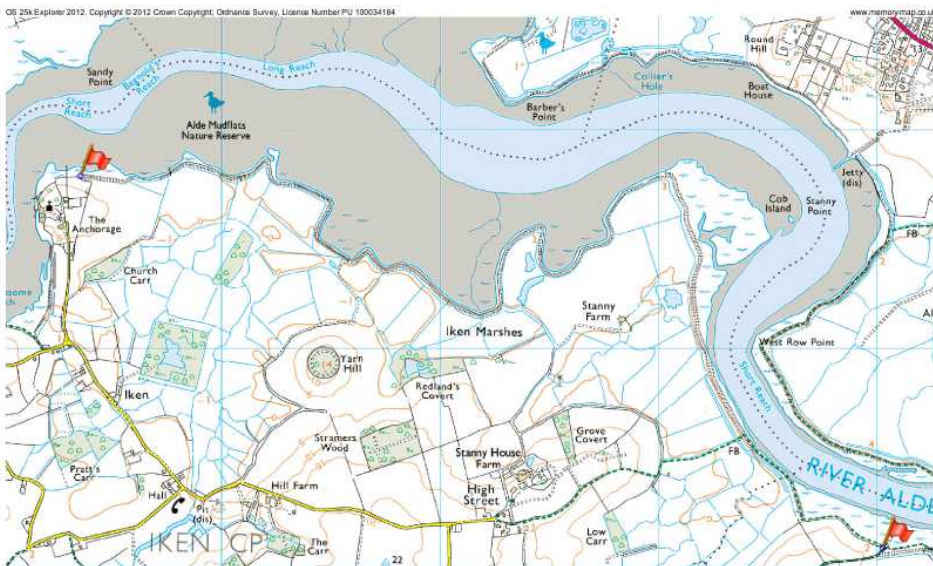


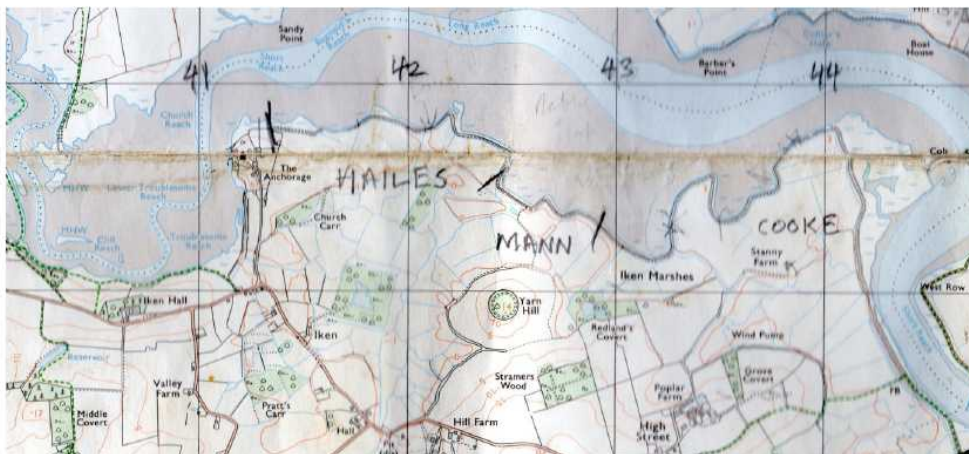
ALDE AND ORE ESTUARY ASSESSORS' REPORT

NAME: Keith Martin and Simon Barrow	DATE OF INSPECTION 167th April 2016
LOCATION: Flood Cell 5	MARCH equinox
Area of Assessment Chapman's Creek to The Anchorage, Iken	

River bank surveyed



with thanks to landowners Paul Cooke, Richard Mann, John and Gunilla Hailes



Paul Cooke

5540-4460 Bay at southern end of armour leads to base of the river wall. Needs salting development.

5540-4460



5530-4420



5530-4420 Good example of where new saltings encouraged and beginning to grow (contrast with a year earlier)

5530-4420 in 2015



After the public footpath turns inland, we noted that the top of the river wall all the way to Pump House is very overgrown. Makes it harder to see signs of slippage or other damage. What, we wondered, is the current thinking on close mowing of river walls? In the event of overtopping does heavy surface vegetation help or hinder resistance of the wall to a high surge tide?

Looking at our April 2015 report, we noted evidence of a minor slippage at 5630-4330 but missed it this time. When mown we should try to find it.

5670- 4410 (opposite Hazlewood Marshes when the wall turns west) Needs support for saltings development



5620-4380 damaged and buckled armour in 11 places and little or no saltings

2016 Photographs



2015 Photographs



5640-4320 evidence of saltings erosion in the bays. We noted one occasion where a channel has formed between a good stretch of saltings and the wall. Is this a risk ? ie that the benefit of saltings can be lessened by such a channel?



5620-4320 Condition of armour just west of the Pump House. This was put in post the Dec 2013 surge. There is already evidence that this work has sustained damage (see pictures) and has not been completed as far as the Pump House. Instead of the armour it is a row of loose stones



Richard Mann

5640-4260 Bays need saltings regrowth help



1. John and Gunilla Hailes

5670- 4140 several slippage examples near the top of the wall on the landward side. Any overtopping would rapidly develop these. What is the remedial action?



On both Mann and Hailes walls, the new post and electric fencing to enclose sheep on the land side has kept grass short and the condition of the wall easy to see. However, it does not enable inspection of the river side of the wall. We think we need to do that from a boat and will do that in May/June