

0 2 . 4 Figure 3 and Figure 4 show some information from the shoreline management plan for a section of the Cumbria coast between St Bees Head in the south and the Scottish border in the north.

Figure 3 Shoreline management plan map – St Bees Head to the Scottish border

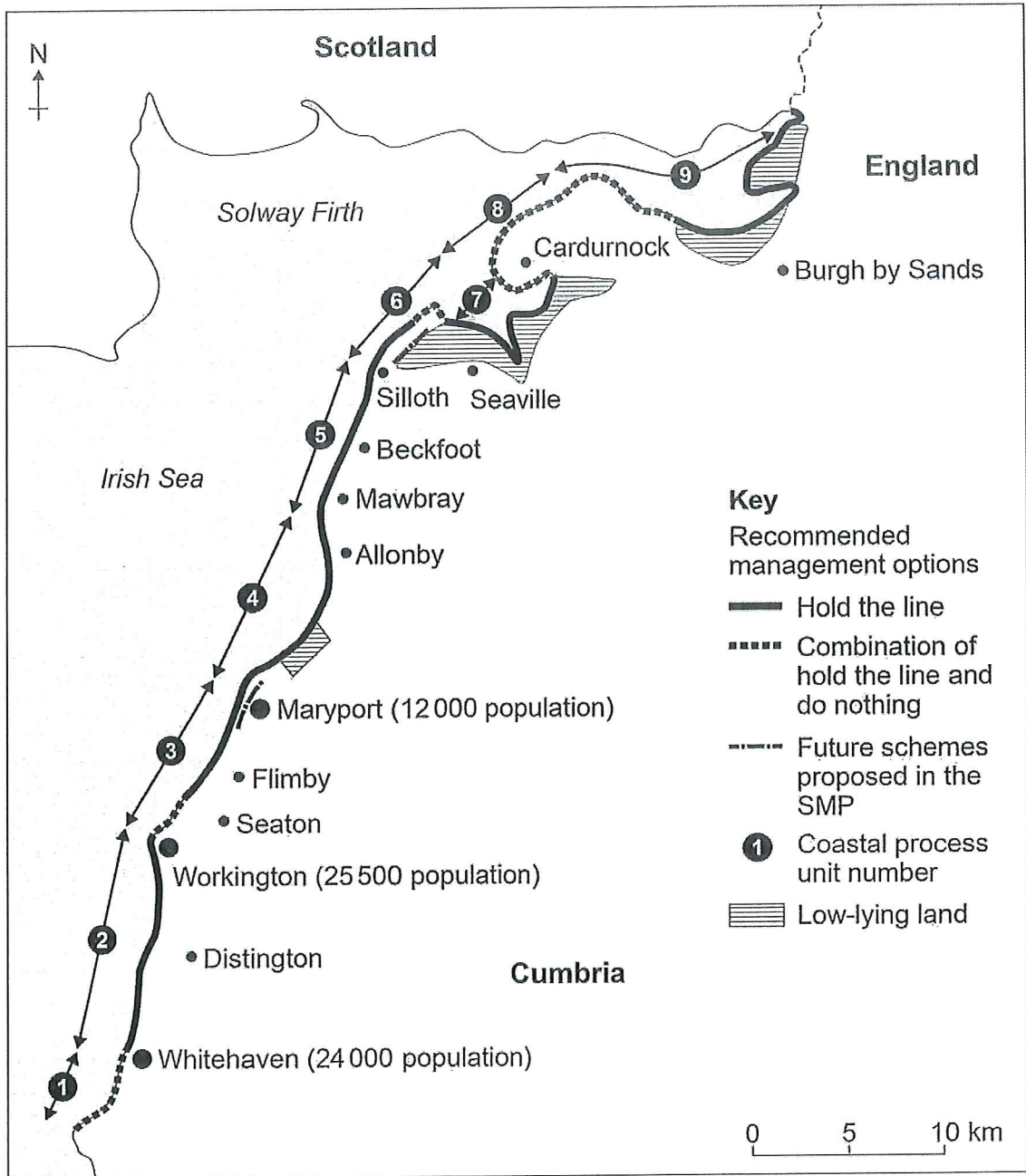


Figure 4 Details of shoreline management plan

| Area on map | Proposed from 1998 onwards | | Annual maintenance cost of existing and new defences | Estimated cost of damage and losses if new and existing sea defences not built and maintained |
|---------------|---|--------------------|--|---|
| | New strategies | Approximate cost | | |
| 1 | Cliff stability | £700 000 | £0 | £15 000 |
| 2 | Revetments Breakwater repairs Embankments | £2 310 000 | £35 000 | £2 700 000 |
| 3 | Rock armour Revetments | £4 500 000 | £20 000 | £900 000 (+ railway line costs of £ millions) |
| 4 | Rock armour Flood wall Beach management | £5 160 000 | £10 000 | £12 000 000 (+ railway line costs of £ millions/some costs overlap with Area 3) |
| 5 | Rock armour Embankments | £800 000 | £0 | £3 600 000 |
| 6 | Repairs of existing structures, Groynes Beach nourishment | £1 400 000 | £10 000 | £840 000 |
| 7 | No addition to existing defences | | £13 000 | £1 000 000 |
| 8 | No addition to existing defences | | £2 000 | £400 000 |
| 9 | No addition to existing defences | | £20 000 | £1 640 000 |
| Totals | | £14 870 000 | £110 000 | £23 095 000 |

