

Location reference:	Clodgy Point to Porthminster Point
Management Area reference:	MA25
Policy Development Zone:	PDZ10

PREFERRED POLICY TO IMPLEMENT PLAN:

From present day (0-20 years)	NAI along undefended cliffs. HTL at Porthmeor. HTL from Porthgwidden to the Pier. HTL along ST Ives Harbour frontage, HTL at Porthminster beach.
Medium term (20-50 years)	NAI along undefended cliffs. HTL at Porthmeor. HTL from Porthgwidden to the Pier. HTL along ST Ives Harbour frontage, HTL at Porthminster beach.
Long term (50 -100 years)	NAI along undefended cliffs. HTL at Porthmeor. HTL from Porthgwidden to the Pier. HTL along ST Ives Harbour frontage, HTL at Porthminster beach.



SUMMARY OF SPECIFIC POLICIES

Policy Unit		SMP1 Policy	SMP2 Policy Plan			Comment
		50 yrs	2025	2055	2105	
25.1	Undefended cliffs	Do nothing	NAI	NAI	NAI	Low erosion rates along undefended cliff sections. NAI will meet high level objectives and satisfy AONB and Heritage Coast requirements.
25.2	Porthmeor	Hold the existing defence line	HTL	HTL	HTL	Economic justification for HTL should remain. Some increasing pressure along the frontage may occur in line with sea level rise and residential housing fronting directly onto the beach may be at risk beyond mid-century. Although the Porthmeor shoreline is very constrained it is still a sediment-rich beach with large annual accretions above MHW – this will help to delay onset of climate change induced impacts such as foreshore narrowing and beach lowering. There is also very little scope for managed realignment, therefore HTL is preferred and NAI is not seen as acceptable given the assets at potential risk.
25.3	Porthgwidden to the Pier	Hold the existing defence line	HTL	HTL	HTL	Some risk of erosion up to 20m if defences are not maintained. Although holding defences places constraint on the shoreline and may lead to some foreshore narrowing, there is little scope for realignment and no active intervention is not suitable to assist in managing the future risks. At the pier end, shoreline recession could compromise the structural integrity of the structure, which provides shelter to the Harbour frontage and is an integral part of the HTL strategy in policy unit 25.4.
25.4	St Ives Harbour	Hold the existing defence line	HTL	HTL	HTL	Very significant assets at risk from erosion and flooding under the NAI scenario. As there is no real scope for realignment and would still require the employment of engineered defences, it is felt the high level objective to support the core values and viability of coastal communities is most cost-effectively met through a continuing HTL policy along the existing defence line at St Ives Harbour.
25.5	Porthminster beach	Hold the existing defence line	HTL	HTL	HTL	Some increasing pressures are likely to be experienced along the Porthminster frontage in the future. Although there is slightly more room for absorption of sea level rise impacts, it may be necessary to improve defensive structures to maintain a buffer between the beach and the higher ground. The St Ives – St Erth railway link terminates above Porthminster beach and is an important part of the local sustainable transport strategy. IT is also important historically as the last railway line to be built to Brunel's 'Broad Gauge'.

Key: HTL - Hold the Line, A - Advance the Line, NAI – No Active Intervention
MR – Managed Realignment

PREDICTED IMPLICATIONS OF THE PREFERRED PLAN

Policy Unit		Theme				
		Property & Land Use	Nature Conservation	Landscape	Historic Environment	Amenity & Recreational Use
25.1	Undefended cliffs	No implications.	Little natural change expected. Preferred plan will support SMP high level nature conservation objectives.	Preferred plan will support the landscape value and the AONB and Heritage Coast designations.	Very little risk – generally no implications.	Preferred plan will support all current recreational and amenity opportunities.
25.2	Porthmeor	Developed frontage, property and land use generally maintained in present form under the preferred plan.	The shoreline and its habitats will continue to be somewhat modified by the sea walls and other defence structures. Nearshore coastal processes will be constrained.	Preferred plan will support the landscape value but it will continue to be defined by the defences and development which dominate the shoreline.	A number of listed buildings within the St Ives Conservation Area will be maintained under the preferred plan; including Tate St Ives (gas works).	Preferred plan will support all current recreational and amenity opportunities.
25.3	Porthgidden to the Pier	Developed frontage, property and land use generally maintained in present form under the preferred plan.	The shoreline and its habitats will continue to be somewhat modified by the sea walls and other defence structures. Nearshore coastal processes will be constrained.	Preferred plan will support the landscape value but it will continue to be defined by the defences and development which dominate the shoreline.	A number of listed buildings within the St Ives Conservation Area, plus scheduled lime kilns and blockhouse will be maintained under the preferred plan.	Preferred plan will support all current recreational and amenity opportunities.
25.4	St Ives Harbour	Developed frontage, property and land use generally maintained in present form under the preferred plan.	The shoreline and its habitats will continue to be somewhat modified by the sea walls and other defence structures. Nearshore coastal processes will be constrained.	Preferred plan will support the landscape value but it will continue to be defined by the defences and development which dominate the shoreline.	Around 18 listed buildings within the St Ives Conservation Area, plus scheduled sites (Lifeboat Station, Saw Mill) will be maintained under the preferred plan.	Preferred plan will support all current recreational and amenity opportunities.

Policy Unit		Theme				
		Property & Land Use	Nature Conservation	Landscape	Historic Environment	Amenity & Recreational Use
25.5	Porthminster beach	Developed frontage, property and land use generally maintained in present form under the preferred plan.	The shoreline and its habitats will continue to be somewhat modified by the sea walls and other defence structures. Nearshore coastal processes will be constrained.	Preferred plan will support the landscape value but it will continue to be defined by the defences and development which dominate the shoreline.	No significant implications for the historic environment.	Preferred plan will support all current recreational and amenity opportunities.