

APPENDIX C9 - PDZ9 PENWITH PENINSULA (POINT SPANIARD TO CLODGY POINT) - EFFECT ON NATURA 2000 SITES (QUALIFYING FEATURES IN BLUE FONT)

Primary Qualifying feature	Supporting Habitat	Attribute	Conservation Objectives	Potential effect of policy	In-combination effect	Preventative measures	Mitigation measures	Implications for the integrity of the Site
<b>The Lizard SAC (Draft Inshore)</b>								
Reefs	N/A	Extent Biotope composition Distribution of biotopes Species population	Subject to natural change, maintain the Reefs in favourable condition, in particular: <ul style="list-style-type: none"> <li>Offshore upstanding reefs;</li> <li>Inshore upstanding reefs;</li> <li>Flat bedrock reef.</li> </ul>	HTL at Sennen Cove in this PDZ is located over 30km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the reefs in the Site is expected.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect
<b>The Lizard SAC</b>								
Vegetated sea cliffs of the Atlantic and Baltic coasts	NA	Habitat extent and vegetation communities	To maintain the vegetated sea cliffs in 'favourable condition', taking account of natural change, with particular reference to maritime grassland communities.	HTL at Sennen Cove in this PDZ is located over 30km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the vegetated sea cliffs in the Site is expected.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect
Hard oligo-mesotrophic waters with benthic vegetation of <i>Chara spp.</i>	NA	Habitat extent, vegetation composition, water and morphology characteristics	To maintain the Hard oligo-mesotrophic waters in 'favourable condition', taking account of natural change.	HTL at Sennen Cove in this PDZ is located over 30km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the oligo-mesotrophic water features in the Site is expected.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect
Mediterranean temporary ponds	NA	Habitat extent, vegetation composition, water and morphology characteristics	To maintain the Mediterranean temporary ponds in 'favourable condition', taking account of natural change.	HTL at Sennen Cove in this PDZ is located over 30km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the Mediterranean temporary ponds is expected.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect
Northern Atlantic wet heaths with <i>Erica tetralix</i>	NA	Habitat extent and physical characteristics	To maintain the Northern Atlantic wet heath habitat in 'favourable condition', taking account of natural change.	HTL at Sennen Cove in this PDZ is located over 30km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the wet heathland habitat in the Site is expected.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect
European dry heaths	NA	Habitat extent and physical characteristics	To maintain the European dry heaths in 'favourable condition', taking account of natural change, with particular reference to dwarf shrub heath.	HTL at Sennen Cove in this PDZ is located over 30km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the dry heathland habitat in the Site is expected.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect
Dry Atlantic coastal heaths with <i>Erica vagans</i>	NA	Habitat extent and physical characteristics	To maintain the Dry Atlantic coastal heath habitat in 'favourable condition', taking account of natural change.	HTL at Sennen Cove in this PDZ is located over 30km from the Site boundary, and due to the localised nature of their site effects no hydrodynamic or sediment pattern effects would extend this distance. Consequently, no alteration to the physical characteristics of the coastal heathland habitat in the Site is expected.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect

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<b>Marazion Marsh SPA</b>								
Internationally important Article 4.1 Species: Aquatic Warbler and Bittern	Bogs, marshes, water fringed vegetation, and fens	Habitat extent and structure	To maintain the designated species in favourable condition, which is defined in part in relation to their population attributes.	In excess of 25km distance from the Site, and no source of impact from HTL at Sennen Cove within this PDZ would be of sufficient scale or magnitude to extend this distance.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect
	Inland water bodies (standing water and running water)	Habitat extent, function and structure	To maintain the designated species in favourable condition, which is defined in part in relation to their population attributes.	In excess of 25km distance from the Site, and no source of impact from HTL at Sennen Cove within this PDZ would be of sufficient scale or magnitude to extend this distance.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect
	Coastal sand dunes, sand beaches, and Machair	Habitat extent and vegetation communities	To maintain the designated species in favourable condition, which is defined in part in relation to their population attributes.	In excess of 25km distance from the Site, and no source of impact from HTL at Sennen Cove within this PDZ would be of sufficient scale or magnitude to extend this distance.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect
	Broad-leaved deciduous woodland	Habitat extent, composition and structure	To maintain the designated species in favourable condition, which is defined in part in relation to their population attributes.	In excess of 25km distance from the Site, and no source of impact from HTL at Sennen Cove within this PDZ would be of sufficient scale or magnitude to extend this distance.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect
<b>Lands End to Cape Bank SAC (Draft Inshore)</b>								
Reefs	N/A	Extent Biotope composition Distribution of biotopes Species population	Subject to natural change, maintain the Reefs in favourable condition, in particular: <ul style="list-style-type: none"> <li>Offshore upstanding reefs;</li> <li>Inshore upstanding reefs.</li> </ul>	HTL at Sennen Cove occurs adjacent to this Site, but given that the HTL policy would occur along the existing line of defence, no direct impacts would occur, and no effect on site extent would arise. Potential increased wave energy could potentially arise from the reflection of waves of the HTL defences, however, this would only occur during extreme storm events and it is unlikely that reef communities would be located close to the high energy shore or would be adjusted to this environment. Consequently, no alteration to any nearby reef community or its composition is expected.	No in-combination effect and no synergy effects from policies, and no other activities identified as acting or potentially acting in-combination.	Not applicable	Not applicable	Conclude no adverse effect