



## PULAU REDANG - MARINE PARK JETTY

### March, 2009

Jetty rehabilitation - piles, concrete underdeck and beams. This project was awarded to RNC in the month of March and completed before July before the easterly monsoon arrives. The works to mitigate the corrosion related decay of the concrete slab and

beams of the jetty head and approach bridge was carried out using the sacrificial anodes and self compacting concrete(SCC) system developed by the company as a complete repair system. For the steel piles, to prevent further rapid deterioration

due to corrosion on the splash zone region, the HDPE Rib-Loc pile protection system in combination with SCC was adopted. The site condition for this nature of remediation/rehabilitation of the concrete decay and protection of the existing steel piles was carried out

under tidal conditions. The success of the remediation is in the right choice of the product/material adopted and employed in the works coupled with the skilled team focussing on substrate preparation and the formwork grouting.