



# PROJECTS

## MALAYSIA

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PROJECT TITLE: REPAIR OF EXISTING MOORING DOLPHIN IN SANDAKAN & REPAIR AND STRENGTHENING TO **STEEL PILES** INCLUDING INSTALLATION OF **ANODES** TO NEW MOORING DOLPHIN PILES AT A PETROCHEMICAL JETTY SANDAKAN



### Nature of Problem

Underwater inspection record had shown that 26 nos of steel piles had severe corrosion problem. The extreme tidal condition and regular ship berthing were the main constraints during the repair works.

### The Solution

Pile jacking using the **Proprietary Fabric Formwork** was proposed as an alternative to HDPE Pile Jacket to overcome the constraints at site in order to complete the works in less time than conventional methods. Client was able to resume full operation in less than half time they had expected.

*Year 2007*