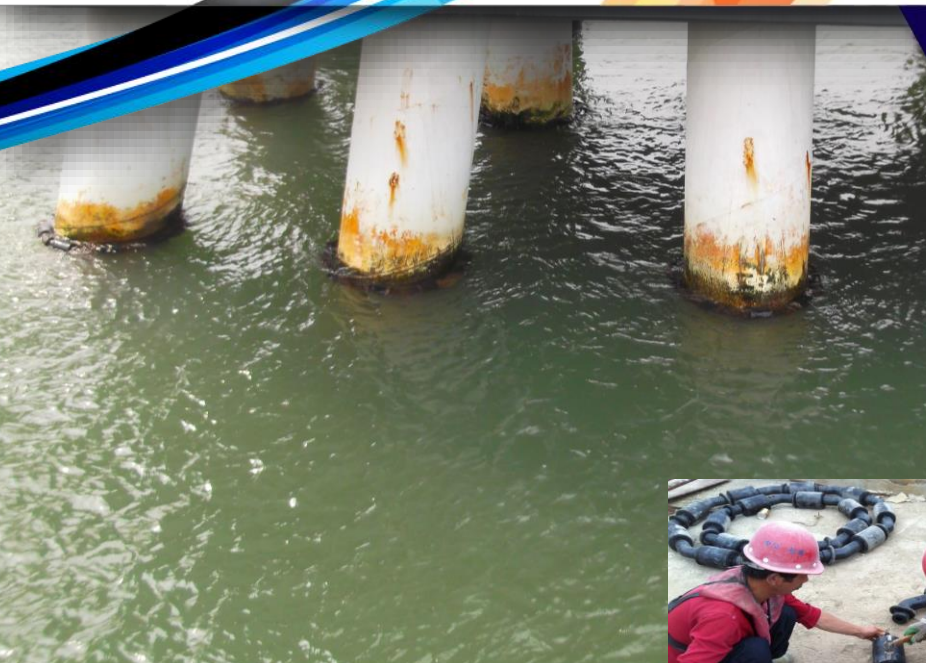




“OCEAN-POWERED” MARINE GROWTH CONTROL TECHNOLOGY

Case Study: Cleaning & Prevention of Marine Growth on Jetty Piles at Guangdong Zhuhai LNG Terminal, China

ZHU HAI LNG JETTY PROJECT, CHINA



Assembly of MGP at site



MGP installed around jetty piles at site

Client Profile

Client : Guangdong, Zhuhai, China
Field Type : Brownfield
Location : Tanggu, Tianjin, China
Water Depth : 8.30m (27.23ft)

Project Information

Award date : September 2014
Execution : December 2014
Completion : December 2014
Location : Guangdong Zhuhai LNG Terminal

MGC Solutions

Structures : Jetty Piles
Quantity : 237 units
Type : MGP-W-SC-SH
Application : Jetty piles

Project Brief

This jetty terminal is operated by Guangdong Zhuhai Golden Bay LNG Limited. Initially, in Year 2012, IEV’s wave-driven and single-ring Marine Growth Preventers (MGPs) were introduced and installed on 189 selected jetty piles, to harvest the wave energy and open sea (no breakwater) conditions at the terminal, for cleaning and prevention of marine growth, thus eliminating the need for periodical cleaning.

The products were designed and supplied with a self-cleaning feature to prevent fouling on their own components and hence, offer significantly long service life. Followed by the success of the first phase, in 2014, the Client procured forty eight (48) additional MGPs to protect the remaining piles. The MGPs were installed by Client’s technicians, from a small boat, under IEV’s supervision at site.

For more information about this project, email mgc@iev-group.com/info@iev-group.com