

# Dampier Salt Dolphins, Western Australia

**Country:** Australia

**Project Timescale:** Spring 2011

**Structure:** Dampier Salt Dolphins

**CPT Treatment Applied:**

DuoGuard™ Hybrid Anode™ System

**CPT Products used**

- DuoGuard™ 500
- DuoCrete SD Mortar
- MN15 Reference electrodes



Dampier Salt Dolphins are located near to Mistaken Island which is approximately 5 kilometres south east of Albany, Western Australia. Dampier is the world's largest exporter of high quality solar salt.

A barge with a crane was used to ferry the scaffolding and heavy equipment to the work site. The barge also carried the sprayed concrete machine during placement on the exterior of the dolphin.

Dolphins are used to facilitate the docking of large ships offshore.

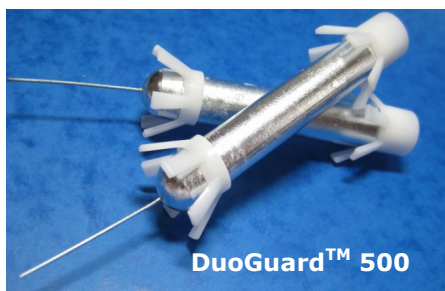


Dampier Salt Dolphins were suffering from steel reinforcement corrosion due to exposure to high concentrations of chloride and moisture at elevated temperatures. CPT installed over 1700 DuoGuard 500 anodes in the two month installation project.



The CPT hybrid anode treatment was chosen over an impressed current system due to the cost of obtaining and operating a permanent power supply on site. A generator was used to provide power for the one week impressed current phase.

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