

CAPSTANS COATING REPAIRS



DAMPIER, WA

MAINTENANCE - PROTECTIVE COATINGS

PROJECT

Pilbara Ports Dampier Bulk Liquid Berth Capstans Coating Repairs

CLIENT

Pilbara Ports Authority

DURATEC CONTACT

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DESCRIPTION

Pilbara Ports Authority engaged Duratec to complete surface preparation and coating repairs to capstans, located at the Pilbara Port Authority Dampier Bulk Liquid Berth.

The scope included:

- ▶ High pressure wash to remove residual contaminants.
- ▶ Hand preparation of corroded locations to a minimum class St3 using a pneumatic surface preparation tool.
- ▶ Preparation of remaining existing coatings by abrasive paper.
- ▶ Application of a light coloured epoxy barrier coat to the bare steel locations.
- ▶ Application of a coat of black acrylic polyurethane finish.

HIGHLIGHTS

- ▶ The works were carried out on an operating port facility during shipping breaks utilising Duratec's experienced local crew.
- ▶ Hand tool preparation was utilised for the works to accommodate stringent environmental restrictions in the operating port facility.
- ▶ Duratec utilised our in-house local NACE inspection team for all QA/QC requirements.



IMAGES (FROM TOP TO BOTTOM)

- ▶ Surface preparation of the capstan.
- ▶ Application of light coloured epoxy barrier coat.
- ▶ Completed capstan.