

## DUNK ISLAND JETTY EXTENSION, REFURBISHMENT AND REPAIRS

<b>LOCATION:</b>	Dunk Island, Mission Beach
<b>OWNER:</b>	Mission Beach Marine Joint Facilities Board
<b>REFERENCE:</b>	Mr. Andrew Maddocks - Ph: 4061 7770
<b>PERIOD:</b>	June to August 1999
<b>VALUE OF WORKS:</b>	\$300,000.00
<b>MAJOR SUBCONTRACTORS:</b>	Diamond Protective Coatings
<b>PROCUREMENT SYSTEM:</b>	Traditional (Lump Sum)
<b>SERVICE CATEGORY:</b>	New Construction Work/Addition
<b>PROJECT TYPE:</b>	Civil Works - foundation
<b>SERVICE ACTIVITIES:</b>	Bulk earthworks, Carpentry, Concreting, Formwork, Engineering Fabrication & Boilermaking, Electrical, Metal Fabrication, Painting - High (Blasting and painting in a marine park), Piped Service Works, Scaffolding, Water Supply - Low.
<b>PROJECT ENVIRONMENT:</b>	Highly Sensitive



### DETAILS:

The project involved barging all materials and plant from Townsville to Dunk Island. The works comprised three main elements, the extension of the jetty, the repair works involving the replacement of timber mooring runners, and two new staircases, deck stiffeners and bollards, and the refurbishment by blasting and painting all steelworks. As the work was in a Marine Park, full encapsulation of blast material, being granite, was done, and Interzone 954 coating was applied.

Reinforced concrete piles and headstocks were excavated and poured with on-site batching of 50Mpa concrete, then timber girders and decks was bolted into place. The jetty was shared with the general public during the course of the works, with a temporary scaffold walkway being erected.