



Project Information Sheet

April 2006

Hillarys Boat Harbour Western Breakwater Extension

New Coastal Assets Branch

1 Essex St Fremantle Western Australia

Overview

Hillarys Boat Harbour, one of the Department's busiest and most popular maritime facilities, is currently receiving a major makeover. As part of the \$9 million Hillarys Boat Harbour Enhancement Program, the Department has completed work on the \$650,000 extension to the western breakwater.

The 75m extension to the western breakwater will provide greater protection for vessels using the facility by substantially reducing the size of waves entering the harbour during storm events.

The previous harbour entrance configuration failed to eliminate damaging waves from penetrating the harbour, contributing to the deterioration of some of the jetties during storms, in particular E Jetty.

Project Results

The Western Breakwater Extension Project at Hillarys Boat Harbour has delivered benefits to all boat penholders in the harbour by providing a substantially improved wave climate throughout the harbour.

Due to the significant improvements in the wave climate, boat mooring facilities including the Department for Planning and Infrastructure's public boat pens and Hillarys Yacht Club are better protected, providing a reduction in maintenance costs and extended life of pen systems.

Now that the breakwater extension project is complete the replacement of E Jetty has been able to progress.



Harbour Entrance
Previous Configuration



Construction of the
Breakwater



Extension Completed

Hillarys Boat Harbour Western Breakwater Extension

Credits

| | |
|---|---|
| Don Froome <i>Department for Planning and Infrastructure</i> | Manager, Hillarys Boat Harbour |
| <i>URS Australia Pty. Ltd</i> | Engineering Consultants / Design & Construction Support |
| Darryl Ferrara <i>Rocktec</i> | Construction works |
| <i>Oceanica Consulting Pty. Ltd.</i> | Electrical Designer |
| Stuart Barr <i>Department for Planning and Infrastructure</i> | Construction Manager |
| Anthony Wilson <i>Department for Planning and Infrastructure</i> | Project Management |

Hillarys Boat Harbour Enhancement Program

New Coastal Asset's delivery of this project under the Hillarys Boat Harbour Enhancement Program is a major milestone in the execution of this exciting program, which also includes

| Projects | Schedule |
|---|---|
| Directional signage | Completed September 2004 |
| Southern car park improvements | Completed March 2005 |
| Variable message signage (to indicate available parking) | Completed September 2005 |
| E Jetty replacement | Scheduled completion June 2006 |
| Precinct Upgrade Project | Stage One -scheduled completion April 2006 Stage Two - scheduled completion November 2006 Stage Three - scheduled completion 2007 |

The Precinct Upgrade Project is being conducted in three stages. Stage One encompasses minor works during 2005/06 including new beach showers, a replacement beach playground, landscaping improvements to the boat ramp and trailer parking areas and a new access path along the northern breakwater past the yacht club. Stage Two and Stage Three in 2006/07 include major landscaping and other general upgrades to public access areas of the harbour, in particular the beach area and eastern entry plaza, it also includes upgrade and expansion of various ablution facilities around the harbour.

Project Information Sheet

For further information please contact

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New Coastal Assets

