

## Port of Eden: replacement of fenders and low-level landing

*The NSW Government Coastal Infrastructure Program has allocated \$2.4 million to replace the existing fenders and low-level landing on the multipurpose jetty at Eden NSW.*

The Port of Eden is in Twofold Bay in the Bega Valley Shire Local Government Area. It is the southernmost deep-water harbour in NSW and is approximately the same distance by water from both Sydney and Melbourne.

The port is home to one of the largest commercial fishing fleets in NSW, accommodating vessels licensed to fish in both state and commonwealth waters. It also caters for import and export services, such as woodchipping, logging and petroleum. It is used by cruise ships and other visiting vessels, it supports the Royal Australian Navy and provides essential vessel maintenance and repair services.

There are a number of wharves and jetties in the port. The multipurpose jetty referred to here is in the centre of Snug Cove (see Figure 1). It caters for tug vessels and large fishing fleet and in peak times can accommodate additional recreational vessels and yachts.

In 1860, the first wharf built for shipping in Snug Cove was a timber jetty and over the 158 years, this jetty was rebuilt to meet the changing needs and requirements of the vessel fleet. The current multipurpose jetty and low-level landing were built in 1984. NSW Department of Industry owns and maintains the multipurpose jetty and landing. It is 205 metres long and built with a cast in-situ reinforced concrete deck, precast deck planks and cast in-situ concrete headstocks supported on piles with a low level landing.



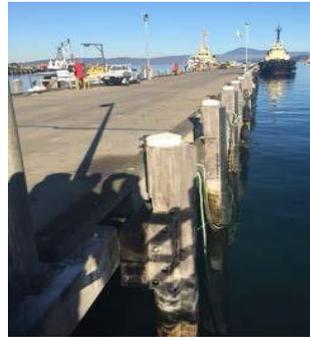
**Figure 1** Aerial image of Snug Cove

### Key reasons for the works

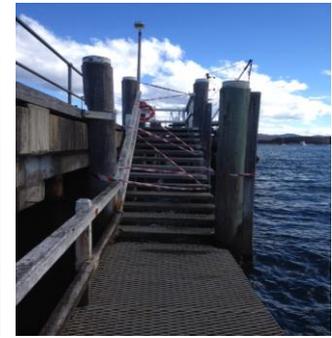
Recent inspections of the multipurpose jetty (Figure 2), including underwater surveys, indicate that the fender piles (Figure 3), the low-level landing (Figure 4) and associated elements on the jetty are in poor condition. A number of works have been proposed to rectify the problems.



**Figure 2. Multipurpose jetty**



**Figure 3 Existing fender piles**



**Figure 4. Low-level landing**

### Description of the works

The works will involve replacing the following:

- timber fender piles with steel piles
- existing rubber absorption fenders
- timber walers with steel sections
- all associated steel chains and plates
- timber rubbing strip with a HDPE strip.

The following works are also proposed:

- remove the existing low-level landing structure and repair (or replace) existing timber piles where necessary
- build a new composite-fibre superstructure and fibre-reinforced-plastic mini mesh deck.

The proposed works will be carried out over 36 weeks and wholly within the existing footprint of the existing multipurpose jetty (Figure 5). The project is out for tender, with submissions closing on 13 November 2018.

### Review of environmental factors

A review of environmental factors took place in July 2018 in preparation for the required works. This review considered the potential environmental and social impacts associated with the proposed works.

The review concluded that by adopting the identified mitigation measures there would be no significant adverse impacts from the proposed works. Instead, it found the works would improve the amenity of the structure, prolong its useful life and maintain an important maritime asset in the Port of Eden.

The proposed works are justified to be approved under Part 5 of the *Environmental Planning and Assessment Act 1979* because the potential environmental and social impacts will be negligible, temporary and able to be managed to an acceptable level.

## Coastal Infrastructure Program Funding

The NSW Government's Coastal Infrastructure Program supports commercial fishing and recreational boating through repairs to maritime assets on Crown land, such as river training walls, breakwaters and berthing and mooring facilities, as well as dredging for safe navigation. The program aims to deliver essential maintenance and capital works, including renovations, repairs and life extension for a broad range of key coastal assets.

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