

## Bermagui Harbour: new mooring and floating pontoon jetty system

*The NSW Government Coastal Infrastructure Program has allocated \$3 million to replace the existing jetty and mooring system at Bermagui Harbour.*

Bermagui Harbour is in the Bega Valley Shire Local Government Area on the south-east coast of New South Wales. A popular coastal tourism and recreation hub in the suburb of Bermagui, the harbour offers mooring berths for leisure and commercial vessels. The existing mooring jetty was built in 1981 but is now in poor condition.

The Department of Industry is replacing the existing mooring jetty with a new pontoon-style mooring facility. The new jetty will be 100 m long, with an 18 m secured gangway. The project is out for tender, with submissions closing on 4 December 2018 at 9.30 am. A pre-tender meeting was held on Monday 12 November 2018 at the Bermagui Mooring Jetty, Bermagui Harbour, NSW 2546.

An aerial view highlights the proposed jetty site, shown in Figure 1. The current jetty is shown in Figure 2, and Figure 3 depicts what the proposed jetty and mooring facility will look like.



**Figure 1. Aerial image of Bermagui Harbour**



**Figure 2. Bermagui mooring jetty**



**Figure 3. Proposed facility**

### Key reasons for the works

Structural assessments conducted in 2014 and 2016 concluded that the existing concrete jetty was in poor condition and required major upgrades or replacement.

The harbour operators raised safety concerns about operational limits for manoeuvring and load limitation of the mooring jetty.

Following a workshop with key stakeholders in September 2017, it was agreed that the best option to address the deterioration and operational issues was to replace the existing jetty and mooring facility with a new structure that was fit for purpose (see Figure 4).

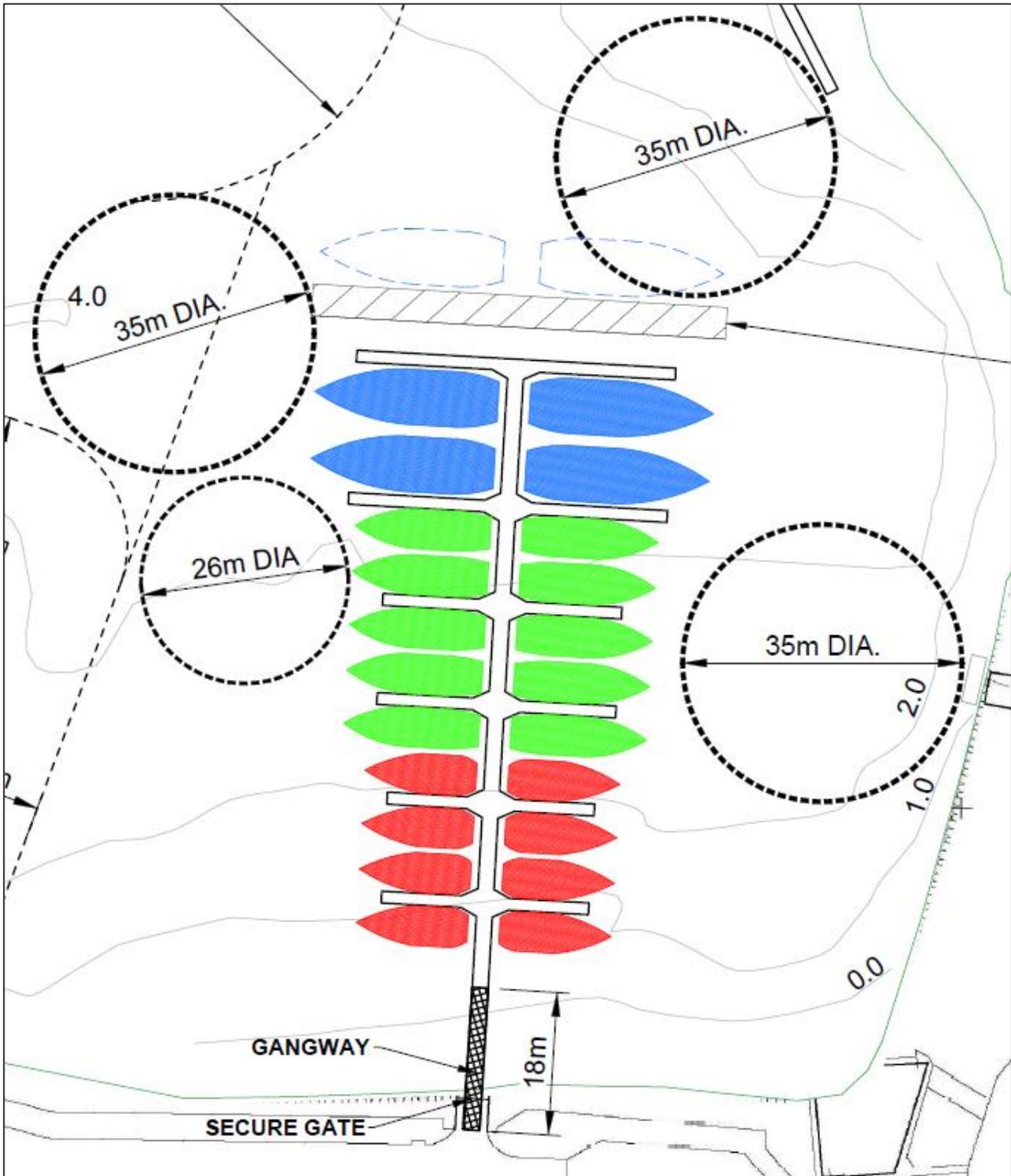


Figure 4. Bermagui mooring jetty (proposed design)

## Description of the works

The project involves establishing a construction zone, decommissioning existing power and fuel lines, removing the existing jetty and mooring system infrastructure and installing the new pontoon style mooring facility. It will have:

- 13 finger piers with berths in between
- 1 refuelling pier
- a secure gate at the landward end of the gangway
- 22 berths consisting of:
  - 4 berths for vessels up to 23 m long
  - 10 berths for vessels up to 17 m long
  - 8 berths for vessels up to 14 m long
- access for people with disabilities
- utilities access
- provisions for manoeuvring vessels up to 23 m long.

## Timing of works and access

Work is expected to start in February 2019 with an anticipated completion in June 2019, spanning a period of 23 weeks (weather permitting).

Hours of work: Monday to Friday 7 am to 6 pm and Saturday 8 am to 1 pm.

## Review of environmental factors

A review of environmental factors was prepared for the construction work. The review took into account the following key considerations:

- Aboriginal and non-Aboriginal heritage
- noise impacts
- lighting and visual amenity impacts
- parking and vehicle access requirements
- erosion and sedimentation
- potential for contaminants
- biodiversity via desktop assessment
- water management during construction and operation.

## 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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