

Community update—second and third quarter 2018

The Eden Safe Harbour Project is an important state government initiative to help improve boating safety and drive economic growth in the region.

The NSW Government has committed \$19 million for the Eden Safe Harbour Project, which will provide a safer harbour for local and visiting vessels and improve the protection of existing maritime infrastructure within Snug Cove, Eden. Providing a safer harbour will enhance Eden's reputation as a safe boating destination, which is anticipated to result in flow-on investment in the Eden region in the maritime and tourism sectors.

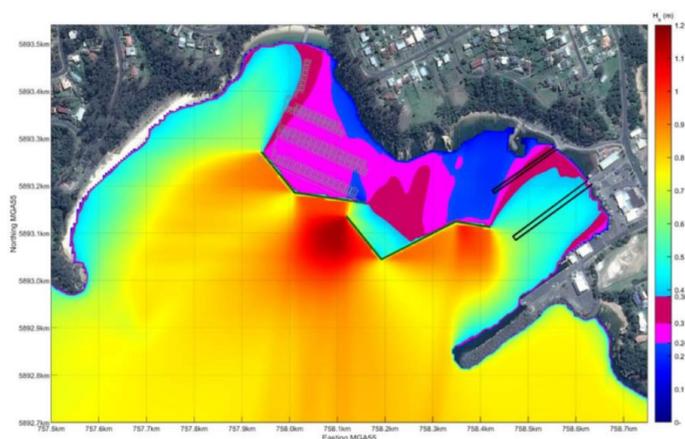
The project objective is to be achieved by improving the wave climate in Snug Cove by installing a wave attenuator.

Expressions of interest update

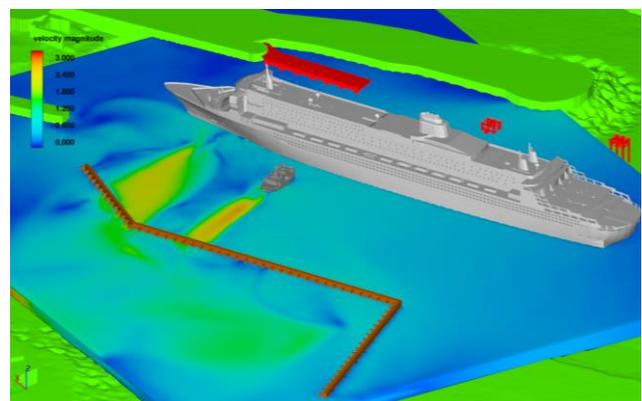
Expressions of interest for the wave attenuator contract were called in November 2017 and closed on 19 January 2018. Three submissions were received for both fixed and floating types of wave attenuators. The Department of Industry has commenced early contractor involvement activities with Waterway Constructions Pty Ltd for a fixed type of wave attenuator. The focus of these activities will be optimising the alignment and design of the wave attenuator based on performance requirements, before finalising a design and construction contract in late 2018.

Wave and propeller wash modelling

Detailed numerical wave modelling is being undertaken, for short period sea waves from all directions, to determine design loads and predicted wave heights behind the wave attenuator. In addition, propeller wash modelling is being undertaken to determine the impact of cruise ship and tug boat propeller wash might have on the wave attenuator.



Wave modelling



Propeller wash modelling

Underwater noise monitoring

Underwater noise monitoring was undertaken in Snug Cove and Twofold Bay to assess the proposed marine mammal observation and piling shut down zones required for piling activities during construction of the wave attenuator. This is to mitigate any impact to whales from underwater piling noise.



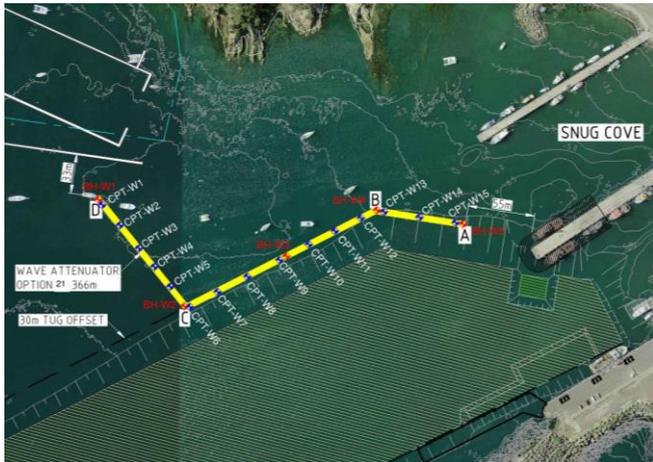
Underwater noise monitoring

Geophysical surveys

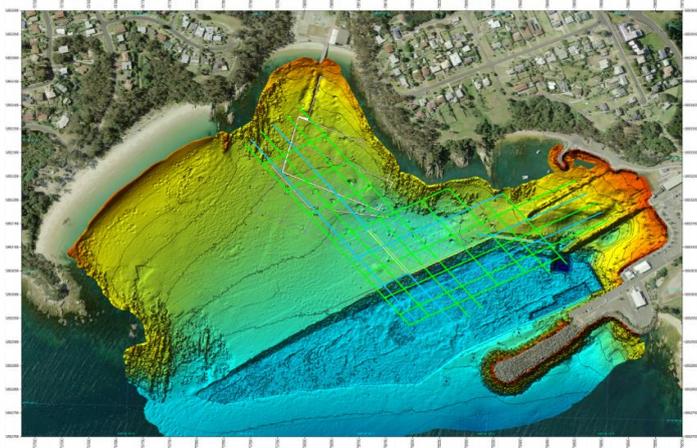
In July 2018 geophysical surveys commenced to better understand the sub-seabed geology in Snug Cove. The survey will investigate engineering parameters, including the strength of rock and depth to rock, which will be used to inform the wave attenuator foundation design. The contract to complete the geophysical surveys was awarded to Marine and Earth Sciences. This work will take up one week, weather permitting.

Geotechnical surveys

Geotechnical boreholes and other associated testing will also be undertaken to calibrate the geophysical survey and confirm the depth and strength of rock in Snug Cove. A jack up barge will be used to drill the boreholes. The work is expected to take up to three weeks, weather permitting. To minimise disruption to port operations and shorten the duration of the investigations, the work will be undertaken from 7am to 6pm Monday to Friday, and from 8am to 6pm Saturday and Sunday. To facilitate the borehole testing along the alignment, some vessels in Snug Cove may need to be temporarily relocated. The project team will work with Roads and Maritime Services and mooring licence holders to organise temporary vessel relocations.



Indicative locations of geotechnical investigations



Location of geophysical survey

Review of environmental factors update

The project's review of environmental factors (REF) was made available for public viewing at the Bega Valley Shire Council libraries from 16 November 2017 to 19 January 2018. A response to submissions (RTS) report has been prepared to respond to the comments received during the public viewing of the REF. The RTS report is available on the project webpage: <https://www.industry.nsw.gov.au/lands/major-projects/infrastructure/eden-safe-harbour-project>.

Planning approval update

The following planning approvals are required before construction can commence, which at this stage is scheduled for early 2019:

- Environmental impact assessment approval by NSW Department of Industry – Crown Lands under Part 5 (s 111) of the *Environmental Planning and Assessment Act 1979*.
- A Harbour Master Approval from Port Authority of New South Wales under Clause 67ZN of the *Ports and Maritime Administration Regulation 2012* where disturbance of the bed of the port is proposed.
- A Part 7 permit from NSW Department of Primary Industries for reclamation on water land (s 199) and harm to marine vegetation (s 205) of the *Fisheries Management Act 1994*.

Further information

For further information, complaints or enquiries related to the project, contact us by:

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