

# Port of Apollo Bay 2020



## Port of Apollo Bay

### Diver Assisted Maintenance Dredging

The Colac Otway Shire Council is responsible for the management of the Apollo Bay Harbour. Council's main priority at the Port of Apollo Bay is to remove sand to create a navigable harbour now and for the future. Council recently received coastal consent from the Victorian Department of Land, Water and Planning (DELWP) to undertake the under-marina maintenance dredging works.

Colac Otway Shire Council commissioned Australasian Marine Associates (AMA) to undertake diver assisted dredging works under the walkways and fingers on the northern end of the Apollo Bay Harbour marina. Council utilised their suction dredge to remove sand from easily assessable areas within the marina, and contracted AMA for diver assisted works in areas that were not easily assessable by the Council suction dredge. Council also commissioned a hydrographic survey, to indicate the depth under the walkway and the most northern fingers.

**The objectives of this project were to allow the walkway and fingers to float at low tide by:**

- Removing approximately 0.5m–1.0m of sand within the vicinity of the marina; and
- Pumping the material out into the centre of the marina for the suction dredge to pump it to the proposed beach renourishment area.

**The scope of works included:**

- Preparation of a work method and dive safety management plan;
- Mobilising a commercial dive team to undertake the diver assisted dredging work;
- Mobilise a dredge (sand) pump and pipework, including a 10m intake house and 20m discharge pipe;
- Remove the sand within the vicinity of the walkway and return the walkway back to a floating position.

Approximately 500 m<sup>3</sup> of sand was dredged with diver assistance.

**For further information please contact:**

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