

Beacon Pile Replacement Program

Port of Melbourne is undertaking a long-term program of works to improve safety throughout Port Phillip Bay.

Port of Melbourne has 200 Aids to Navigation (AtoNs) which provide navigational assistance to vessel traffic while in port waters, this includes:

- 128 water-based mono-pile beacons including a pile, top structure and light/day mark components:
 - 84 in South and Port Melbourne Channels;
 - 30 in the Yarra River;
 - 10 in the general port area; and
 - 4 in the Bellarine Peninsula;
- 5 water-based multi-pile beacon structures;
- 53 land-based beacons including a structure supported on land and light/day mark components; and
- 14 buoys including anchor block, chain with light/day mark components.



About the project

Port of Melbourne has been undertaking works to replace monopile beacons throughout Port waters to ensure the safe navigation of shipping channels, approaches and berths. This includes two stages of works:

Stage 1

September 2024 to June 2025

29 beacon piles

- Port Melbourne Channel
- South Channel

Stage 2

From August 2025 through to 2027–28

34 beacon piles

- Port Melbourne Channel
- South Channel
- Williamstown Channel
- Yarra River
- Point Cook Reef
- Gellibrand Shoal

What to expect

From August 2025 multiple Notice to Mariners will be issued by Ports Victoria for designated areas as works progress.

During this period all steps will be taken to avoid impacts to shipping and recreational vessels, however a 50-metre clearance and minimum wake and wash will be required to ensure works can be undertaken safely.

CONTACT US FOR MORE INFORMATION

If you would like to know more about the project, please contact the Project Manager, Chandra Kalidindi at chandra.kalidindi@portofmelbourne.com or on 0403 891 369.



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From August 2025, works will be undertaken to replace 34 beacon piles as indicated below in orange.

During this period all steps will be taken to avoid impacts to shipping and recreational vessels, however a 50-metre clearance and minimum wake and wash will be required to ensure works can be undertaken safely.

