

## Maritime Services Board tugboat 1962

The Museum's working tugboat, built in 1962 by the Maritime Services Board at its Goat Island Shipyard on Sydney Harbour, was the last timber tug in service with the Board. The tug was in survey as a Class VII vessel for restricted sea-going non-passenger service, able to operate along the coast of NSW between Newcastle and Port Kembla and 30 nautical miles to seaward. *Bareki* was employed in general towage duties but particularly for the dredge service, towing 300-ton hoppers to sea to dump spoil. The hull was built to a World War II design created by Australian naval architect Arthur Swinfield for the then Department of Munitions. The MSB designed the deckhouse for its own purposes, with a mess-room, stove, refrigerator and toilet. The name *Bareki* was believed to be an Aboriginal word for water.

Propulsion is by a single two-stroke GM 12V/71 series diesel developing 210 kW at 1600 rpm, driving a three-bladed bronze propeller through a 4.15:1 reduction.

This craft is a work boat routinely used by the Museum, and is not part of the National Maritime Collection. It is nonetheless a historic craft in its own right, and receives the same careful maintenance and conservation as vessels in the collection.

### Specifications

<b>Length</b>	12.39 m overall
<b>Breadth</b>	4.36 m
<b>Draught</b>	2.13 m
<b>Engine</b>	12-cylinder GM 71 series diesel 210 kW

