

PORT AUTHORITY OF NSW HERITAGE INVENTORY

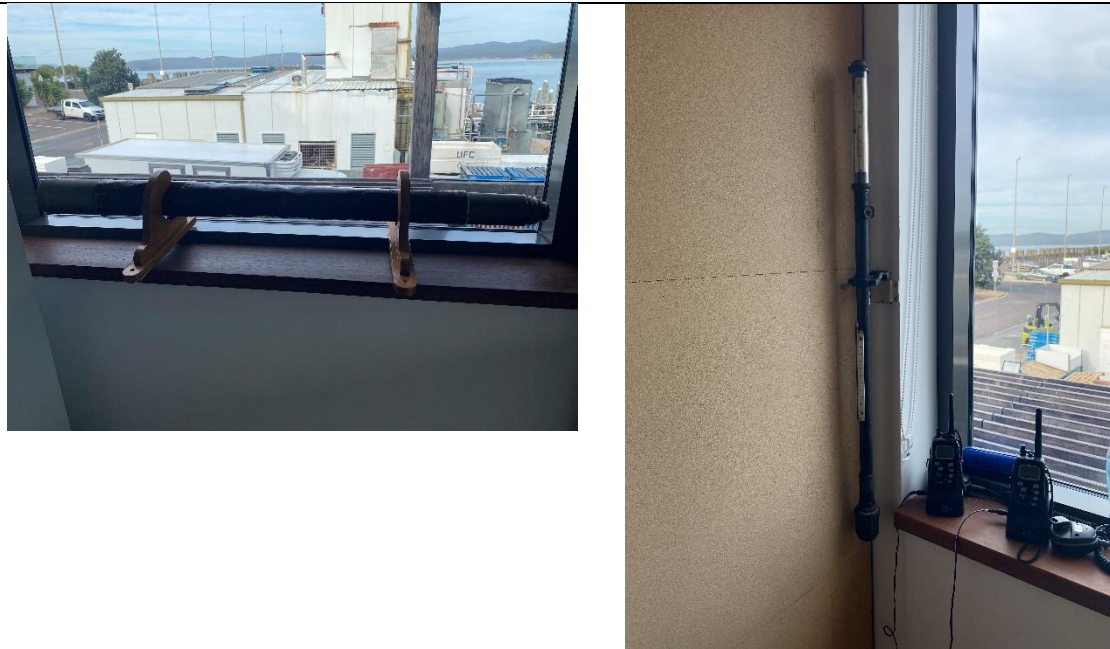
State Heritage Inventory

SHI Number: 4560063		Study Number: N/A	
Item Name: Eden Harbour Master's Telescope and Barometer			
Location: Harbour Masters Office, Port of Eden			
Address: Eden Welcome Centre, Snug Cove		DUAP Region: Southern & Western	
Suburb / Nearest Town: Eden 2551		Historic Region: South Coast	
Local Govt Area: Bega Valley Shire		Parish: Eden	
State: NSW		County: Auckland	
Other/Former Names:			
Area/Group/Complex:		Group ID:	
Aboriginal Area:			
Curtilage/Boundary:			
Item Type: Moveable / Collection	Group: Transport - Water	Category: (Objects) moveable	
Owner: Port Authority of New South Wales			
Current Use:			
Former Uses:			
Assessed Significance: Local		Endorsed Significance:	
Statement of Significance: Telescopes and barometers were key equipment for a harbourmaster and pilot. This telescope and barometer are significant as equipment used in the management of the Port of Eden by the colonial NSW government and later by the State of NSW. The telescope and barometer are symbolic reminders of the long continuous history of the Port of Eden and its management by government.			
Historical Notes or Provenance: The telescope and barometer are believed to have been the property of Captain Bourn Russell, appointed as the Port of Eden's first Harbourmaster in 1860. Russell was a key government figure in the Port of Eden, also holding positions of Pilot, Justice of the Peace, Assistant Inspector of Fisheries and Acting Officer of Customs. His brother, Henry Chamberlain Russell, was New South Wales' Government Astronomer and both played key roles in the observation of the Transit of Venus in Eden in 1874. Captain Bourn Russell was the first and longest serving of 10 permanent Harbourmasters at the Port of Eden from 1860 to 1900 and one of four that held the position for more than 20 years. Several of the harbourmasters were also the pilot. Retired harbourmaster Allan Sutherland (Harbourmaster 1968-1987) inherited the telescope and barometer from the previous harbourmaster, and it is likely that this equipment has been part of port property since the late 19th century.			
Themes:	National Theme:	State Theme:	Local Theme:
Designer:			

Maker / Builder: Telescope: Flavelle and Roberts, Barometer: unknown		
Year Started:	Year Completed:	Circa: No
<p>Physical Description: Brass and fibreglass telescope</p> <p>Total length: 1393 mm</p> <p>Eyepiece diameter: 35mm</p> <p>Glass lens diameter: 90 mm</p> <p>Long segmented telescope with brass barrels at outer ends with middle fibreglass barrel. Inscriptions in brass at eyepiece end (Segment 2*) of telescope: 'Flavelle & Roberts/Sydney & Brisbane'</p> <p>Eyepiece (Segment 1) exterior edge, has a slotted opening where eyepiece cover would be moved into and out of. Cover missing. Glass lens encased in brass at Segment 5.</p> <p>Mercurial barometer – Fortin type</p> <p>Total length: 895mm</p> <p>Glass tubing top segment: 185 mm (visible)</p> <p>Glass thermometer: 195 mm (visible)</p> <p>Bone plate: 180 mm</p> <p>Long metal bar with heavy metal mercury reservoir at base. Reservoir base has a flat blade screw? for emptying mercury. Mercury remains in-situ.</p> <p>Clear glass tube at top end of barometer. Sited LHS interior of glass tube is metal plate with inscription 'C.813. ADIE, LONDON'.</p> <p>Middle of glass tube, a metal moveable scale sits between two metal measurement plates. Glass tube sits between top and bottom brass casing which is affixed at base to brass rod. Adjustable moving scale knob located RHS of rod beneath glass tube portion.</p> <p>Heavy metal circular bracket affixed to rod by flat blade screws. Circular bracket held by flat blade screws to larger heavy metal wall mount bracket. Lower middle rod has glass thermometer tubing with bone measuring plate at its RHS. Glass thermometer fixed to rod by steel bracket and screws at top. Top and bottom of glass tubing enters into middle of metal rod through holes. The metal bracket allows it to be slipped into a wall mount and is located beside a window inside the Harbour Master's office/work area.</p>		
Physical Condition: Good		
Modification Dates:		
<p>Recommended Management: Retain and conserve</p> <p>Preparation of a Moveable Heritage Management Plan for Port Authority of NSW moveable heritage assets including the Eden Harbour Master's Telescope and Barometer to provide a comprehensive guide to the future conservation and management of the items.</p>		
Management: Statutory Instrument		
Further Comments:		
<p>Criteria a) Eden was the sole deep-water port between Sydney and Melbourne in the mid-19th century, a key location in the pattern of coastal shipping and the home port for the NSW whaling industry. These items appear to have been part of the port equipment since the latter half of the 19th century until the present. This equipment is likely to have been in use in the era when whaling was a major industry in</p>		

Eden and also when Eden developed as a major port for commercial fishing and later the largest supplier of fresh fish to the Melbourne and Sydney markets, until the recent buyout of licenses.					
Criteria b) These items were held by the harbour masters and pilots for the Port of Eden, from the latter half of the nineteenth century until the present. The Harbourmaster and pilot continues to be an important role in the community of Eden, with its maritime industries such as fishing. The telescope and barometer were in use at the first location on the headland and at the office on the jetty up to the present location on the first floor of the Eden Welcome Centre.					
Criteria c)					
Criteria d)					
Criteria e)					
Criteria f) A rare collection of equipment that has been used, or has been available for use, for over 100 years in the port of Eden.					
Criteria g) This telescope and barometer demonstrate two pieces of technical equipment for managing a small port in the nineteenth and twentieth centuries.					
Integrity / Intactness:					
References:		Author:		Title:	
Studies:		Author:		Year:	
Title:		Number:		Year:	
Parcels:	Parcel Code:	Lot Number: 1	Section:	Plan Code: DP	Plan Number: 1268599
Latitude: -37.073143			Longitude: 149.909079		
Listings:	Name: Heritage Act – S.170 NSW State agency heritage register	Title: Eden Harbour Master's Telescope and Barometer	Number: 4560063	Date:	
Data Entry:	Date First Entered: 11/05/2012	Date Updated: 30/01/2023	Status: Basic		

Image: 1



Caption: Harbour Masters Barometer and Harbour Masters Telescope – Eden Welcome Centre office

Copyright: Port Authority of NSW

Image By: Paul Webster

Image Date: 17/03/2023

Image File: IMG_2870.jpg and IMG_2871.jpg

Image: 2



Caption: Harbour Masters Barometer

Copyright: Port Authority of NSW

Image By: Ryan Bennett

Image Date: 30/09/2019

Image File: IMG_1932.jpg

Image: 3



Caption: Harbour Masters Barometer

Copyright:

Image By:

Image Date:

Image File: 4560063b2.jpg

Image: 4



Caption: Harbour Masters Telescope

Copyright: Port Authority of NSW

Image By: Ryan Bennett

Image Date: 30/09/2019

Image File: IMG_1931.jpg