

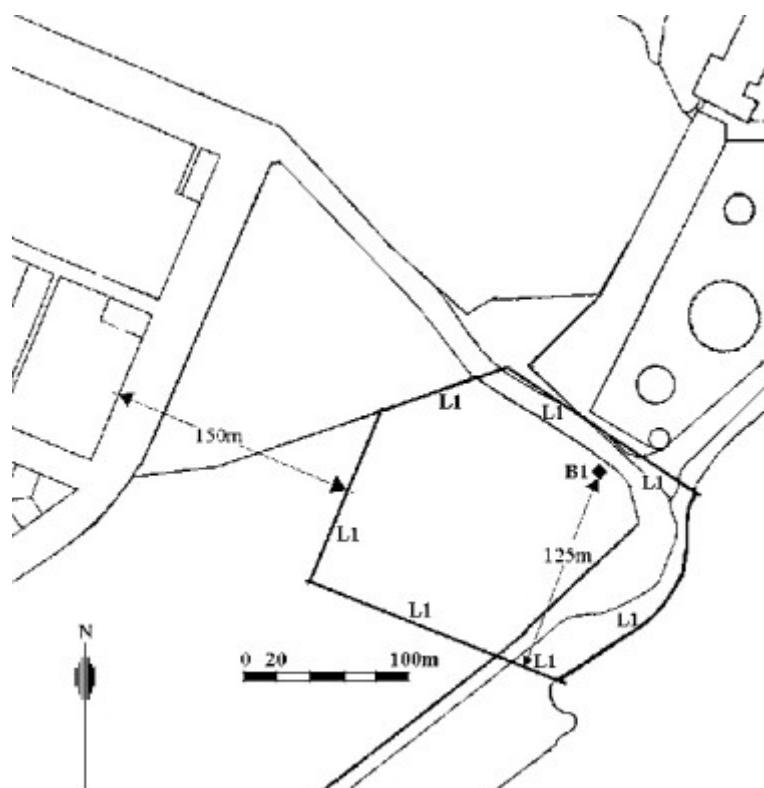
TIME BALL TOWER



TIME BALL TOWER SOHE
2008



1 time ball tower point
gellibrand williamstown
june1999



time ball tower plan

Location

6-18 BATTERY ROAD WILLIAMSTOWN, HOBSONS BAY CITY

Municipality

Level of significance

Registered

Victorian Heritage Register (VHR) Number

H1649

Heritage Overlay Numbers

HO44

VHR Registration

August 20, 1982

Amendment to Registration

August 26, 1999

Heritage Listing

Victorian Heritage Register

Statement of Significance

Last updated on - September 1, 1999

What is significant?

Williamstown was the first deep-water port for Melbourne, with ships anchoring off shore in the shelter of Point Gellibrand. A broad swathe of Point Gellibrand was set aside in 1837 as a reserve for Government purposes. A "skeleton timber framed" lighthouse on a stone foundation was erected in a prominent position on the Point in 1839. In 1840 a flagstaff was erected just to the west which could be sighted from Flagstaff Hill in Melbourne and signalled shipping movements. Little else happened in this part of reserve in the 1840s. In the 1850s the Point remained a essentially a service area and government offices were located in the town of Williamstown.

The building of a new square bluestone lighthouse tower, with accompanying timber keepers quarters, ushered in a period of intense government activities around the lighthouse in the 1850s, largely because of its convenient geography.

Convict hulks were chosen as a means of accommodating the large influx of prisoners during the gold rushes, and Point Gellibrand was chosen as a suitable mooring site which was also isolated from Melbourne. A stone convict jetty was built next to the lighthouse c1852 to service the hulks that were moored just offshore. Convict working parties from the hulks were involved in quarrying, road building and defensive works around the Point until the 1870s.

The first Government Astronomical Observatory operated from the vicinity of the Tower from 1853, after lobbying by local resident Robert Ellery who was appointed as the first Government Astronomer. The observatory's primary function was the accurate measurement of local time, and the site was chosen for suitable viewing conditions away from the light, dust and smoke of Melbourne. Accurate local time measurement was essential for navigation and was broadcast to Melbourne and to ships on the bay, by means of the dropping of a time ball. The first telegraph line in Australia was installed between Melbourne and a station under the flagstaff in 1854. One of

its main functions was to transmit the time signal to (and later from) Melbourne more reliably. The time ball was moved to the tower of the new telegraph office in Morris Street Williamstown from 1855, until the lighthouse was converted to take a time ball apparatus in 1861, where it operated until 1926.

Authorities were concerned about the vulnerability of Melbourne to raiding warships during the gold rushes. In 1855 a shore defense battery was built on an arc of land reclaimed to the south east of the Lighthouse (later Time Ball Tower). The semicircular redoubt housed nine guns, with a magazine halfway back to the lighthouse. This battery, and another of six guns at Sandridge, were the only shore defenses up until the early 1860s. With the acceptance in 1861 of the plan of Royal Engineers Captain Scratchley for defence of Hobsons Bay, this battery became known as the 'left' battery, being one of four batteries at Point Gellibrand. These were upgraded with the use of convict labour in 1871. The range of available guns rapidly improved and it became possible to defend Port Phillip from shore defenses at the Heads. By the end of the 1870s, only the Fort Gellibrand batteries were maintained, and the Lighthouse Battery was dismantled in the 1880s or 1890s. The current carpark covers the approximate area of the battery.

The Melbourne Williamstown Railway came into operation in 1859. The Government Railway Workshops were built from 1857 between Williamstown and the Railway (Gellibrand) and Breakwater Piers. The Workshops dominated land use in the area from the end of the 1850s until the new Workshops at Newport were opened in 1889. The area was then utilised as part of a larger railway goods yard serving the Gellibrand and Breakwater Piers, with large goods sheds occupying positions immediately adjacent to the Time Ball Tower.

The Tower was extended up to 30m overall height with a round masonry shaft and turned back into a lighthouse in the 1930s, operating as a light until 1986. The extension was subsequently removed. The Time Ball Tower is now the only artefact remaining above ground. The existing time ball apparatus on the Tower is a reconstruction.

How is it significant?

The Time Ball Tower and precinct is of historical, scientific and technical importance to the State of Victoria

Why is it significant?

The Time Ball Tower and environs are of historical importance to Victoria as the first location of a number of early and singular government activities related to navigation, defence and the penal system. It was the site of the first lighthouse on Port Philip. It was the site of the small convict jetty that serviced the convict hulks moored just offshore from 1852 on. It was the site of the first astronomical observatory in the Colony, which established accurate local time measurements that were essential for navigation. It was the site of early time ball signalling apparatus. It was the site of the first defensive shore battery to protect Melbourne from attack by hostile warships. It was the site of a station of the first telegraph in Australia. It was later the site of part of the first government railway workshop (1857), on the line from the railway pier to Melbourne which passed just to the west of the Tower.

The Time Ball tower precinct has the potential to provide further scientific investigation through exploration of the archaeological potential of a number of early sites surrounding the Time Ball Tower. Potential sites of interest are the first flagstaff, first observatory, first telegraph station, light-keepers quarters, Lighthouse Battery, convict quarry tramway and railway workshops.

The Time Ball Tower and precinct is important for its association with technical and scientific achievement and innovation. The Time Ball Tower precinct hosted a number of the colony's first technical installations devoted to accurate measurement of various kinds. It was the site of Melbourne's first astronomical observatory which had an important technical function in establishing accurate local time which was essential for navigational purposes. It was also the site of a station of the first telegraph line in the Colony which was connected to Melbourne and was used to transmit time signals.

Permit Exemptions

General Exemptions:

General exemptions apply to all places and objects included in the Victorian Heritage Register (VHR). General exemptions have been designed to allow everyday activities, maintenance and changes to your property, which don't harm its cultural heritage significance, to proceed without the need to obtain approvals under the Heritage Act 2017.

Places of worship: In some circumstances, you can alter a place of worship to accommodate religious practices without a permit, but you must notify the Executive Director of Heritage Victoria before you start the works or activities at least 20 business days before the works or activities are to commence.

Subdivision/consolidation: Permit exemptions exist for some subdivisions and consolidations. If the subdivision or consolidation is in accordance with a planning permit granted under Part 4 of the *Planning and Environment Act 1987* and the application for the planning permit was referred to the Executive Director of Heritage Victoria as a determining referral authority, a permit is not required.

Specific exemptions may also apply to your registered place or object. If applicable, these are listed below. Specific exemptions are tailored to the conservation and management needs of an individual registered place or object and set out works and activities that are exempt from the requirements of a permit. Specific exemptions prevail if they conflict with general exemptions.

Find out more about heritage permit exemptions [here](#).

Specific Exemptions:

General Conditions:

1. All exempted alterations are to be planned and carried out in a manner which prevents damage to the fabric of the registered place or object.
2. Should it become apparent during further inspection or the carrying out of alterations that original or previously hidden or inaccessible details of the place or object are revealed which relate to the significance of the place or object, then the exemption covering such alteration shall cease and the Executive Director shall be notified as soon as possible.
3. If there is a conservation policy and plan approved by the Executive Director, all works shall be in accordance with it.
4. Nothing in this declaration prevents the Executive Director from amending or rescinding all or any of the permit exemptions.

Nothing in this declaration exempts owners or their agents from the responsibility to seek relevant planning or building permits from the responsible authority where applicable.

Exterior:

- * Minor repairs and maintenance to the Time Ball Tower which replace like with like.
- * Landscape and road works which require excavations less than 500mm in depth.

Construction dates	1852,
Architect/Designer	Ginn, Henry,
Heritage Act Categories	Registered place,
Other Names	Timeball, FORMER POINT GELIBRAND LIGHTHOUSE,
Hermes Number	1222
Property Number	

Extent of Registration

NOTICE OF REGISTRATION

As Executive Director for the purpose of the Heritage Act, I give notice under section 46 that the Victorian Heritage Register is amended in that the Heritage Register Number 1649 in the category described as a Heritage Place is now described as:

Time Ball Tower, 6-18 Battery Road, Williamstown, City of Hobsons Bay

EXTENT:

1. All the building known as the Time Ball Tower and marked B1 on Diagram 1649, held by the Executive Director.
2. All of the land marked L1 on Diagram 1649, held by the Executive Director.

Dated 20 August 1999.

RAY TONKIN

Executive Director

[*Victoria Government Gazette G 34 26 August 1999 p.1987*]

This place/object may be included in the Victorian Heritage Register pursuant to the Heritage Act 2017. Check the Victorian Heritage Database, selecting 'Heritage Victoria' as the place source.

For further details about Heritage Overlay places, contact the relevant local council or go to Planning Schemes Online <http://planningschemes.dpcd.vic.gov.au/>