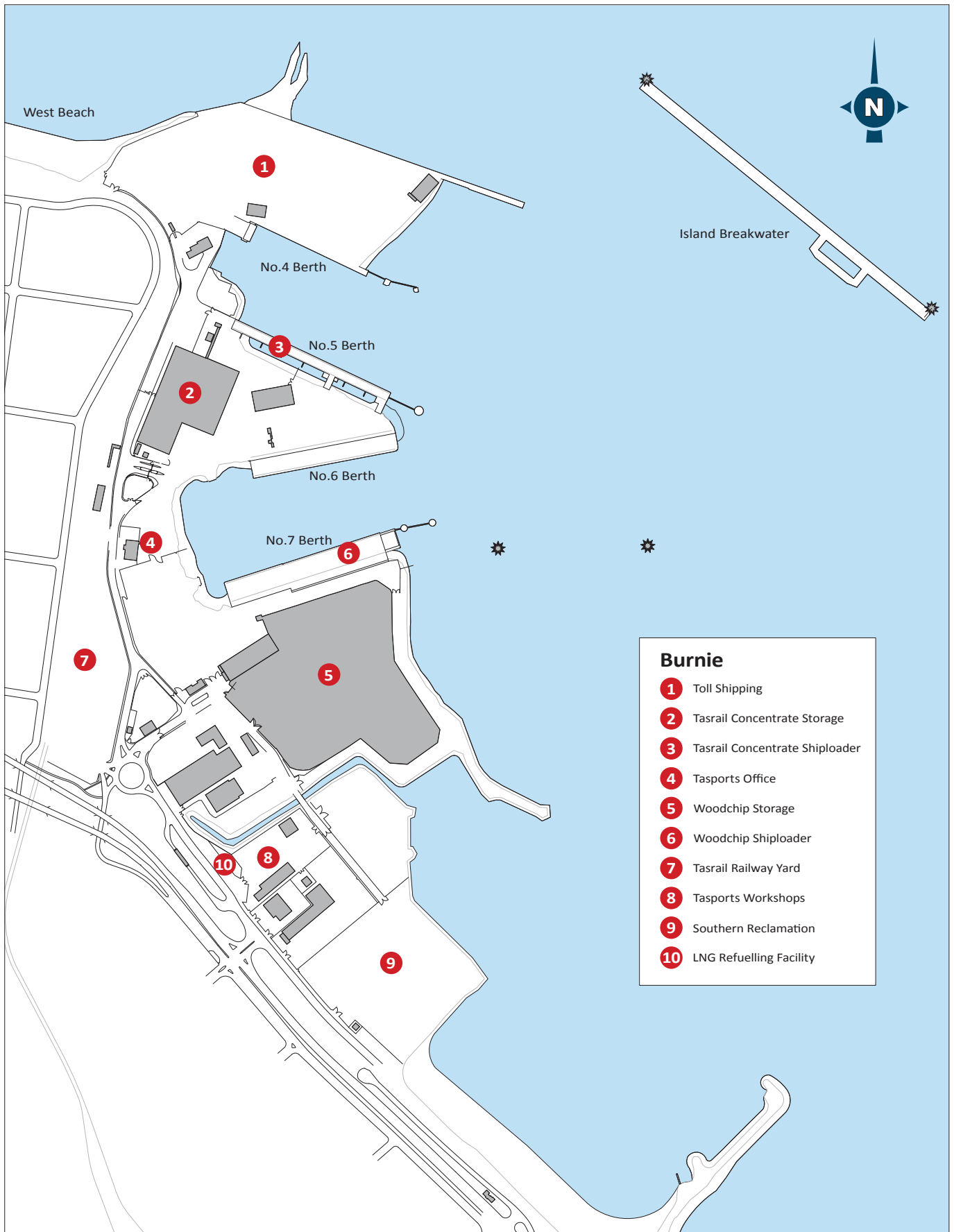


# Port of Burnie

## Port Map



TasPorts



# Port of Burnie

## Overview



### Approaches

The Port of Burnie is situated on the western shore of Emu Bay and has easy access.

The Bay is two miles wide and one mile deep facing in a northerly direction.

The bottom is sand and clay interspersed with patches of reef and rock particularly in the south eastern sector of the Bay.

The principal danger off the port is Blackman Reef, with shallow water extending one mile seaward from the western shore of the Bay.

Vessels approaching the port from the west should by day, keep two orange beacons on the shoulder of Round Hill open to the north, and then turn onto the main harbour leads which are in transit 224 degrees true. By night, keep in the white sector of Round Hill Point Light until the two lit red triangles of the main leads come into transit.

Vessels approaching from the east should keep well off until clear of Round Hill Point and then turn onto the main leads by day, or the lit blue triangles by night.

Vessels may anchor on the main leads in the vicinity of the pilot boarding ground.

The port is protected by two breakwaters. The inner, founded at the inner end of Blackman Reef, lies in a 110 degrees direction and is 381 metres long. The other is an island structure and lies in a 130 degrees direction and is 488 metres long. The western end of this breakwater bears 045 degrees true, 213 metres from the eastern end of the inner breakwater.

The port has deep water with 10.0 metres in the approaches to the berths.

The diameter of the swinging basin is 460 metres.

There is no restriction on night movements.

Pilotage is compulsory for vessels over 35 metres in length and vessels requiring the services of a pilot should proceed to a position on the line of the main leads with Round Hill Light bearing 170 degrees true approximately 2 nautical miles from the eastern end of the Island Breakwater and not pass 41 deg. 02 min. south unless a pilot has boarded.

### Navigation Lights and Aids

#### *Round Hill Point*

**Latitude:** 41 deg. 04 min. South.

**Longitude:** 145 deg. 58 min. East.

**Light:** Fl. W.R. 5 sec. 30 m. 18/14M.

#### *Burnie Harbour Approach Leads*

**Front lead:** Light F.B. 17m.

Latitude 41 deg. 03.776 South.

Longitude 145 deg. 54.852 East.

**Back lead:** Light F.B. 34m.

Latitude 41 deg. 03.943 South.

Longitude 145 deg. 54.641 East.

The front lead is situated on a building on the foreshore at an elevation of 17 metres and by day is an orange triangle apex up. By night it shows as a blue triangle apex up. The back lead is on a pole in a clearing 223 degrees 42 minutes True approximately 420 metres from the front lead.

By day it is an orange triangle apex down elevation 34 metres and by night it shows as a blue triangle apex down.

#### *Island Breakwater*

On the SE end a fixed all round green neon light; on the NW end a fixed all round white neon light, both on steel towers 16.5 metres above high water.

#### *Berth Leading Lights*

No. 6 and No. 7 Berths – two fixed blue, in transit 260 degrees True, midway between berths.

#### *Other Lights*

Two red Beacons marking the limit of the dredge cut are in line east/west in the south east area of the port. These Beacons are lit with red lights occ.1.3 sec.

Note: At night, a fixed red light is exhibited from the seaward corner of each berth.

# Port of Burnie

## Overview (continued)



### Supporting Information

**Latitude:** 41 degrees 3 minutes South.

**Longitude:** 145 degrees 55 minutes East.

#### Standard Time

1000 Eastern Australian Standard Time.

1100 Eastern Australian Summer Time.

#### Radio and Tidal Information

Burnie Port Control operates on V.H.F. channels 12 and 16.

The pilot vessel, tugs and other floating plant are similarly equipped.

#### Coast Station

**Call sign:** "Burnie Harbour".

**Frequency:** Channels 16 and 12.

**Hours:** H24.

The main transmitter is sited on the Dazzler Range.

This provides normal operating ranges of more than 90 miles.

#### Pilot Vessel and Tugs

Channels 16, 12, 8, 6

**Hours:** when operating.

#### Tidal Information

H.A.T. 3.60 metres

M.H.W.S. 3.27 metres

M.H.W.N. 2.98 metres

M.S.L. 1.97 metres

M.L.W.N. 0.96 metres

M.L.W.S. 0.67 metres

L.A.T. 0.00 metres

Australian Height Datum is 1.938 metres above port datum.

#### Wharf Heights

All wharves are 5.6 metres above port datum which is 0.00 metres.

### General Information

#### Mechanical Equipment

A comprehensive fleet of mechanical equipment is available including container handling forklifts of up to 30 tonnes capacity.

#### Weighbridge

Within the port is a weighbridge, capacity 60 tonnes, platform dimensions 18.3 metres by 2.75 metres.

#### Hazardous Cargoes

Hazardous cargoes of most categories are handled as per Australian Standard 3846.

#### Bunkers

Heavy fuel oil and diesel oil is available, delivered by road tankers and manifold at #5 berth.

#### Fenders

Good fender systems are in place at all berths.

#### Cranes

An 80 tonnes capacity Post Panamax single lift portainer is situated on No. 6 Berth.

This portainer may also be used for bulk grabbing, log loading and heavy lifts.

#### Shiploaders

A bulk ore loader is at No. 5 berth – capacity 1,000 tonnes per hour.

A bulk woodchip loader is at No. 7 berth – capacity 1,200 tonnes per hour.

#### Water

Fresh water is readily available – delivery rate approximately 50 T.P.H.

Hoses supplied by B.P.C.

#### Repairs

Engineering firms with extensive workshops are situated nearby.

#### Garbage Disposal

Garbage removal conducted by contractors.

#### Tugs

Up to three tugs, each twin screw about 40T bollard pull are available. Two tugs are stationed in the port and available on request. Shore gangways are available as required.

#### Airport

The nearest airport is Burnie Airport. The runway is 1650 metres long and 30 metres wide which limits it to a Classification C type aircraft. It is situated about 20km to the west of the seaport, at the town of Wynyard.

# Port of Burnie

## Overview (continued)



### Pilotage

#### *Pilotage Compulsory*

No vessel other than a vessel exempted from pilotage shall be navigated within the port unless a licensed pilot is employed for the conduct of such a vessel.

#### *Pilot Boarding*

About eight knots is most suitable for pilot pick up with ladder complete with man ropes on the lee side one metre above the water.

### Distances from Burnie

Adelaide 565 miles  
Brisbane 1,026 miles  
Devonport 24 miles  
Fremantle 1,734 miles  
Gabo Island 278 miles  
Hobart 313 miles  
Launceston, (Bell Bay) 46 miles  
Melbourne, South Channel 225 miles  
Melbourne, West Channel 216 miles  
Naracoopa, (King Island) 108 miles  
Newcastle 581 miles  
Portland 261 miles  
Port Kembla 484 miles  
Sydney 525 miles  
Stanley 34 miles  
Strahan 210 miles  
Townsville 1,605 miles  
Auckland 1,530 miles  
Bombay 5,714 miles  
Hong Kong 5,431 miles  
Kobe (Japan) 4,876 miles  
London (via Suez) 11,112 miles  
London (via Cape) 12,002 miles  
New York (via Panama) 9,947 miles  
San Francisco 6,910 miles  
Singapore (via Cape Leeuwin) 3,930 miles  
Singapore (via Torres Strait) 4,776 miles  
Vancouver 7,300 miles  
Wellington 1,380 miles

# Port of Burnie

## Berth Information



Berth	Declared Depth	Length	Width of Apron	Axle Load (tonnes)	Notes
No. 4	8.8m	183m*	20m	Unlimited	An adjustable stem loading ramp is situated at the inshore end suitable for vessels with their own ramp.
No. 5	10.4m	213m	13.4m	50	Large mooring dolphin off the seaward end. Accommodates vessels up to 250m long. Bulk loader in excess 1,000 tonnes per hour. Inner end provides for quarter ramps.
No. 6	10.5m	198m		50	Accommodates vessels up to 260m in length.
No. 7	11.5m	219m	40m		Accommodates vessels up to 260m in length. Woodchip loader at the outer end of the berth. 1200 tonnes per hour.

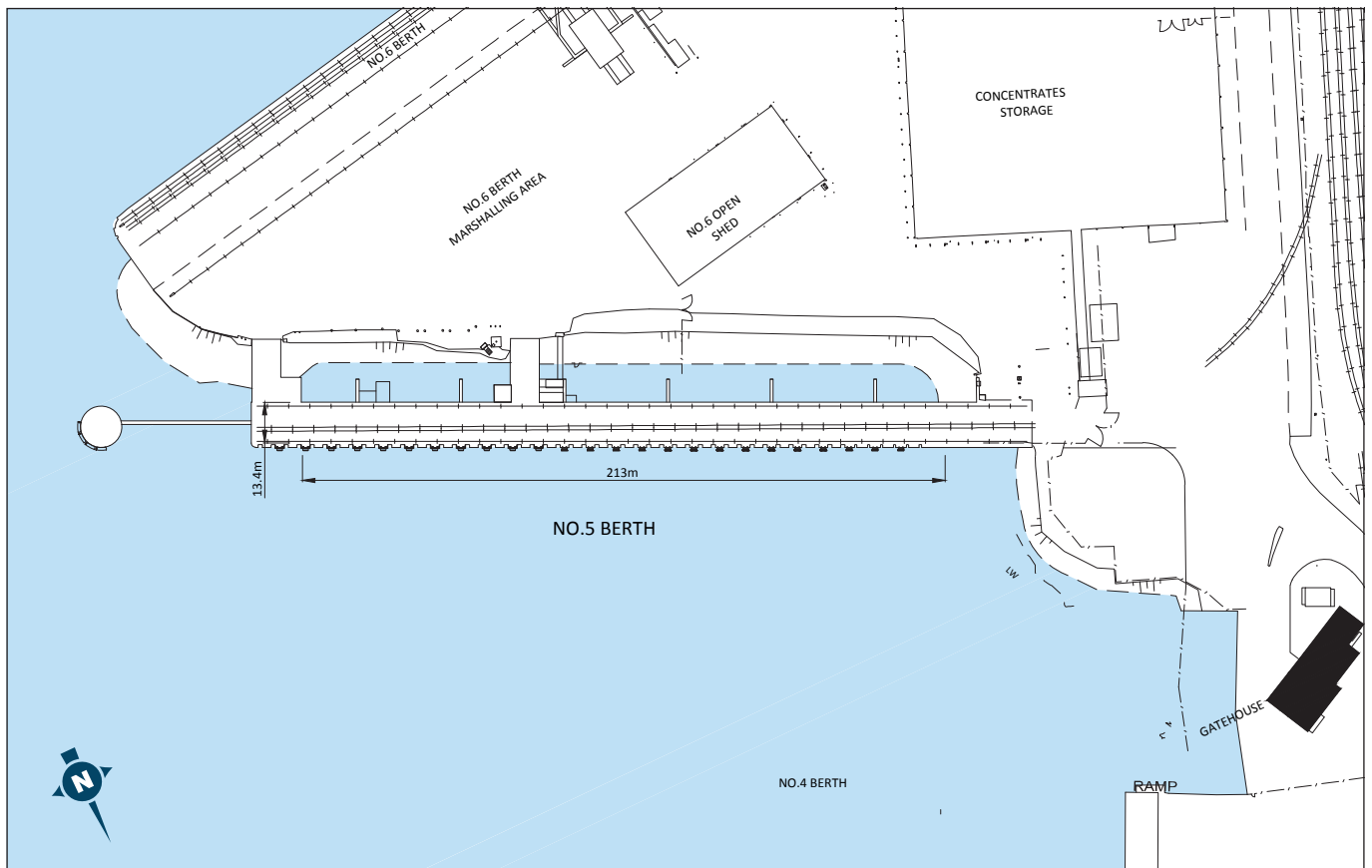
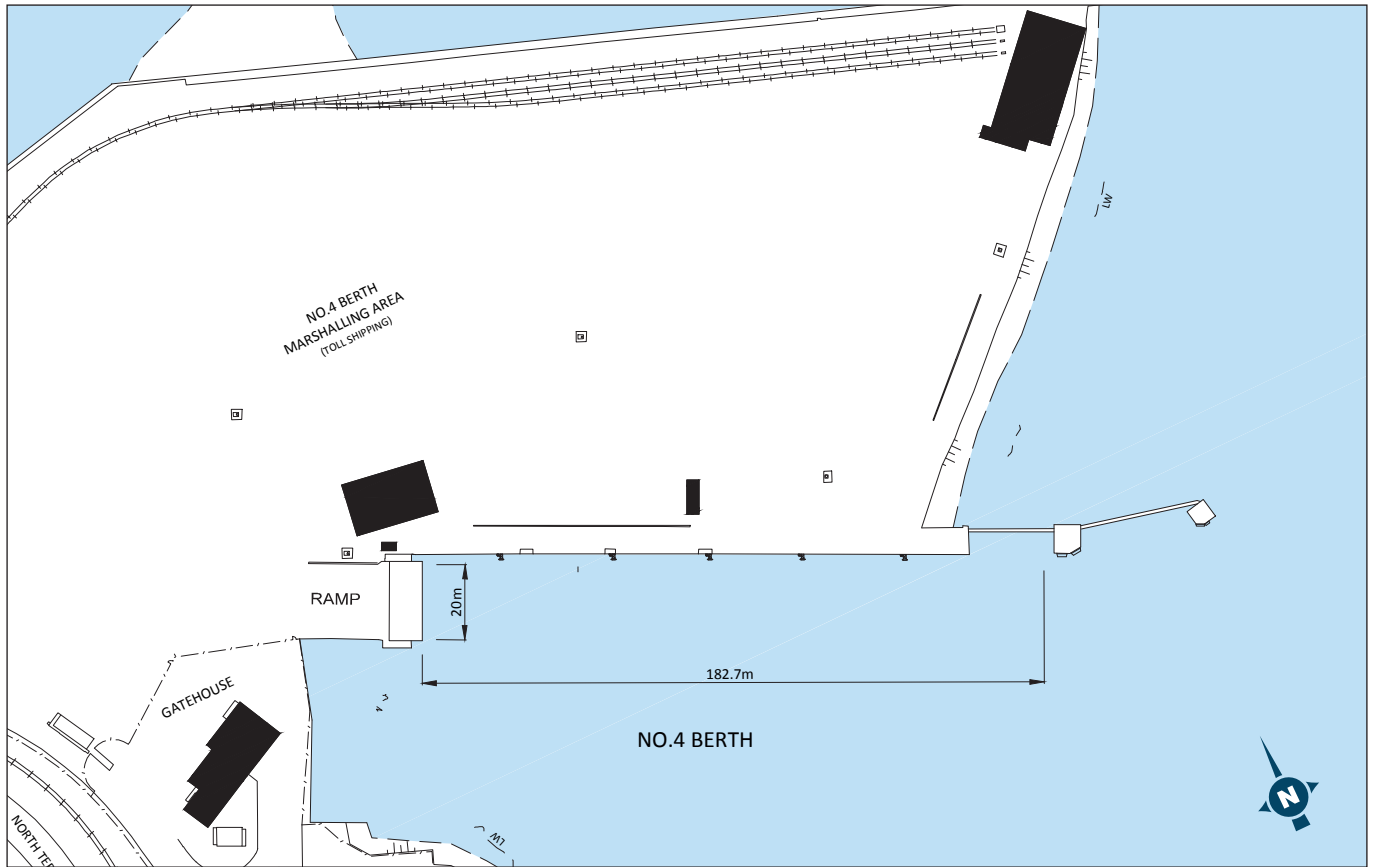
\* effective berthing length

# Port of Burnie

## No. 4 Berth/No. 5 Berth



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# Port of Burnie

## No. 6 Berth/No. 7 Berth



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