

5. Port infrastructure

5.1 Berth information

Berth	Design depth	Berth pocket	Wharf face	Berth alignment	Comments
Abbot Point 1	19.1	512 x 70	264	109°/289°	Two mooring dolphins at each end. Distance between dolphins 466m.
Abbot Point 2	19.0	410 x 70	250	109°/289°	Two mooring lines or dolphins at each end. Distance between dolphins 435m

Table 8 – Berth information

Approach depth to the berth is 17.2 metres.

Please note that depths are subject to change; please consult [Notices to Mariners](#) for latest information.

5.2 Navigation aids

5.2.1 Lighthouse and leading lights

Navigational aid	Type	Characteristic
Bald Hill Landfall Light (marks Gloucester Passage)		Fl 4s. F by day, 55m, 12M
Front leading beacon (situated on the western side of trestle conveyor)	Bn	F Bu, F by day, 22m, 5M
Common leading beacon (serves as a front lead when in transit with Bald Hill Landfall Light on approximately bearing 225°(t) and serves as a rear lead when in transit with the front lead on the trestle conveyor on approximately bearing 164°(t))	Bn	F.Bu, F by day, 22m, 5M
Wharf approach leads (two) sets (established to define 15° approach angles from centre point of wharf face – both sets of lights, front and rear, are:	Bn	F G
Clark Shoal Beacon (east cardinal)	Bn	Q(3) 10s

Table 9 – Lighthouse and leading lights

For list of applicable charts see [4.8 Charts and books](#). For notification of navigation light defects refer to [Notices to Mariners](#) (see [4.9.1 Notices to Mariners](#)).

5.2.2 Anchorage area

Vessels should anchor within one nautical mile to seaward of the pilot boarding ground (least depth 23 metres). Refer to [Anchoring recommendations – Marine Notice 12/2008](#).

5.2.3 Coal loading gantry

Coal is loaded at a rate of 5500 tph at berth 1 and 7600 tph from berth 2 via a rail mounted gantry operated by Abbot Point Bulk Coal Pty Ltd.

The maximum air draft above LAT is 27.5 metres and the maximum outreach from the wharf fender is 34 metres.