

15.4 Swing basin and swing areas Brisbane River

Area	Minimum depth	Minimum diameter	Without berth pocket	With berth pocket	Include opposite berth	Maximum LOA	
Hamilton Reach Swing Basin	9·1	368	230	-			
Fitting Out Berth	9·1	252·6	158	180	202		
Queensland Bulk Terminal	9·1	211·0	–	132			
Pinkenba Swing Basin	9·1	331·1	207	229	-		
Incitec South	9·1	331·1	207	229	-		
SIMS Metal	9·1	234·6	–	147			
Quantem Liquids Terminal	9·1	178·8	–	112			
Viva	9·1	175·8	–	110			
BP Products	9·1	196·9	–	123			
Cement Australia Swing Basin†	9·1	255·1	166	186			
Wagnert†	9·1	230·0	-	166			
Ampol Products	9·1	183·7		115			
Fisherman Islands Swing Basin	14·0	492·8	308††	-	-		
Fisherman Islands Grain Terminal	14·0	395·9	–	247			
Fisherman Islands No 1	14·0	410·1		256			
Fisherman Islands No 2	14·0	429·4		268			
Fisherman Islands No 3	14·0	450·0	–	281			
Fisherman Islands No 4	14·0	479·0	–	300			
Fisherman Islands No 5	14·0	479·0	–	300			
Fisherman Islands No 6	14·0	479·0	–	300			
Fisherman Islands No 7	14·0	479·0	–	300			
Fisherman Islands No 8	14·0	479·0	–	300			
Fisherman Islands No 9	14·0	479·0		300			
Koopa Swing Basin	14·0	531m	350	-	-		
Fisherman Islands No 10	14·0	479·0		300			
Fisherman Islands No 11	14·0	479·0		300			
Fisherman Islands No 12	14·0	479·0		300			

Table 22 – Swing Basin and swing areas Brisbane River

- * Passenger vessels accepted to 270m LOA on a case by case basis providing no vessel beyond BCT and HAM4 berths.
- † This LOA will be determined on a case by case basis by the Regional Harbour Master.
- †† Due to high risk with NGF tanker alongside this LOA will be determined by the Regional Harbour Master on a case by case basis.
- # This LOA will require further investigation.

15.5 Air draft/bridge heights

Bridge/power lines	Height above highest astronomical tide (HAT)
Sir Leo Hielscher Bridges Known as <i>Gateway Bridge</i> (see note)	57.4 metres (centre) 54 metres (edge of navigation envelope)
Bulimba power lines	41.4 metres
Story Bridge	30 metres
Kangaroo Point Green Bridge	12.3 metres
Captain Cook Bridge	12.7 metres
Goodwill Bridge	13.25 metres
Neville Bonner Bridge	11.8 metres
Victoria Bridge	11.4 metres
Kurilpa Bridge	11.4 metres
William Jolly Bridge	12 metres
Merivale Railway Bridge	11.5 metres
GoBetween Bridge (Hale Street)	11.4 metres

Table 23 – Air draft/bridge heights

15.5.1 Sir Leo Hielscher Bridges

Vessels with an air draft >48 metres are required to obtain permission from the Regional Harbour Master. Vessels with air drafts between 53.5 metre and 56.4 metre will be subject to tidal and transit restrictions.

15.5.2 Bulimba power lines

The height under the Energex wires at Bulimba is 47.9 metres less the electricity authority safety allowance of 4.6 metres. Masters of ships with air draft >38 metres must obtain written permission from the Manager (Vessel Traffic Services) before proceeding.

15.5.3 Story Bridge

Vessels with an air draft >28 metres are required to obtain permission from the Regional Harbour Master.