

Acceptance Table - Barry Docks - February 2018			
For a dock level of 10.00 metres			
	Vessels may be accepted by Cardiff LPS up to the draft indicated without referral to the Harbour Master.	Vessels may be accepted by Cardiff LPS up to the length indicated without referral to the Harbour Master	Vessels may be accepted by Cardiff LPS up to the beam indicated without referral to the Harbour Master
Lady Windsor Lock			
Lock	Refer to berth	8.0m	19.20 metres
Number 1 Dock			
Enterprise Quay 1	Refer to Harbourmaster		19.20 metres
Enterprise Quay 2			
Enterprise Quay 3			
Junction Cut			
Junction Cut			19.2 metres
Number 2 Dock			
Cross Berth	7.5m	90m	19.20 metres
1 Berth (A Shed)	8.0m	140m	
2 Berth			
3 Berth (B Shed)			
4 Berth			
5 Berth			
6 Berth	7.5m		
7 Berth			
8 berth			
9 Berth			
31 Berth			
Number 3 Dock			
C Shed: via Lady Windsor Lock	Refer to Harbourmaster		19.20 metres
C Shed: via Basin entrance	Refer to Harbourmaster		20.00 metres
Number 3 Dock - NOTE			
The entrance to Number 3 Dock is 'U' shaped which means that as the beam of the vessel increases the draft must decrease to clear the invert. The table below summarises the operational restrictions on draft for vessels with a beam in the range 23 to 24 metres.			
Please refer all enquiries regarding No3 dock to Harbourmaster.	Max beam in metres	Max Length	Deduction from the predicted height of high water (ACD) to determine max acceptable draft [up to a maximum draft of 9.2 metres]
Number 3 Dock - Invert restrictions upon draft.	<23.00	160m	2.38
	23.00		2.38
	23.10		2.48
	23.20		2.58
	23.40		2.78
	23.50		2.83
	23.60		2.93
	23.80		3.08
	23.90		3.18
	24.00		3.28
Other Areas of the Dock	Vessels destined for areas of the dock which are not mentioned specifically in the table above should be referred to the Harbour Master for a limiting beam and/or draft.		
Dock Level	The dock level can not be maintained by impounding. On spring tides the level can rise to 11.9 metres and on neap tides it can fall to 9.00 metres. The average level is 10.00 metres.		
Dock Water Density	Average 1019		
Stemming Allowance	Lady Windsor Lock and No 3 Dock (Basin)	Please refer to latest Notice to Masters	
Specific berth acceptance draft is at all times subject to the predicted tide height and the application of the advertised stemming allowance			