

Acceptance Table - Barry Docks - January 2010		
For a dock level of 10.00 metres		
	Vessels may be accepted by Severn VTS and/or Lock Controllers up to the draft indicated without referral to the Harbour Master.	Vessels may be accepted by Severn VTS and/or Lock Controllers up to the beam indicated without referral to the Harbour Master
	Lady Windsor Lock	
Lock		19.20 metres
	Number 1 Dock	
Berths on the south side of the dock	8.00 m	19.20 metres
Enterprise Quay	7.00 m	
	Junction Cut	
Junction Cut		19.2 metres
	Number 2 Dock	
Cross Berth	8.00 m	19.20 metres
1 Berth (A Shed)		
2 Berth		
3 Berth (B Shed)		
4 Berth		
5 Berth		
6 Berth		
7 Berth		
8 berth		
9 Berth		
31 Berth		
	Number 3 Dock	
C Shed: via Lady Windsor Lock	8.00 m	19.20 metres
C Shed: via Basin entrance	7.00 metres	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.		
	Max beam in metres	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	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 Dock and 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	

Underkeel Allowance	Lady Windsor Lock	1.18 metres ACD
	Number 3 Dock (Basin)	2.68 metres ACD (varies with beam)