

<b>Acceptance Table - Barry Docks - January 2009</b>		
<b>For a dock level of 10.00 metres</b>		
	Vessels may be accepted by Severn VTS and/or Lock Controllers up to the draft indicated without referral to the Dock and Harbour Master.	Vessels may be accepted by Severn VTS and/or Lock Controllers up to the beam indicated without referral to the Dock and Harbour Master
	<b>Lady Windsor Lock</b>	
Lock		19.20 metres
	<b>Number 1 Dock</b>	
Berths on the south side of the dock	8.00 m	19.20 metres
Enterprise Quay	7.00 m	
	<b>Junction Cut</b>	
Junction Cut		19.2 metres
	<b>Number 2 Dock</b>	
Cross Berth		
1 Berth (A Shed)		
2 Berth		
3 Berth (B Shed)		
4 Berth		
5 Berth	8.00 m	19.20 metres
6 Berth		
7 Berth		
8 berth		
9 Berth		
31 Berth		
	<b>Number 3 Dock</b>	
C Shed: via Lady Windsor Lock	8.00 m	19.20 metres
C Shed: via Basin entrance	7.00 metres	20.00 metres
	<b>Number 3 Dock - NOTE</b>	
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)