

## Berth Dimensions and Fendering Document

Southampton Container Terminal & Western Docks					
Berth	Width from Quay	Fender Standoff	Width from Fenders	Length	Advertised Design Depth
SCT 1	70m	1.3m (fixed)	68.7m	420m	15.1m
SCT 2	70m	1.3m (fixed)	68.7m	310m	15.1m
SCT 3	70m	1.3m (fixed)	68.7m	310m	14.0m
SCT 4	55m	1.3m (fixed)	53.7m	310m	13.6m
203	17m	N/A	N/A	274m	9.1m
SCT 5	70m	2.0m (fixed)	68m	490m	16.5m
110	N/A	N/A	N/A	N/A	Not Maintained (10.5m)
KGV	41m (between buttresses)	N/A	N/A	365m	9.8m
109	45m	1.4m (poles)	43.6m	750m	11.7m
108					
107					
106	45m	3.5m (foam)	41.5m	260m	11.7m
105	45m	2.5m (yoko)	42.5m	200m	11.7m
104	45m	2.5m (yoko)	42.5m	340m	10.5m
103	45m	2.5m / 3.6m (yoko)	42.5m	310m	10.5m
102					
101	45m	2.85 (fixed) & 3.3m (foam)	41.7m	370m	10.5m

Eastern Docks					
Berth	Width from Quay	Fender Standoff	Width from Fenders	Length	Advertised Design Depth
49	30m	2.0m (yoko)	28m	120m	7.1m
48	32m	2.0m (yoko)	30m	100m	7.1m
47	38m	2.35m (foam)	35.65m	250m	11.7m
46	38m (tapers to North)	2.33m (foam)	35.67m	230m	10.5m
45	47m (tapers to North)	1.0m (poles)	46m	190m	10.2m
44	45m	2.5m (yoko)	42.5m	480m	11.7m
43					
41	44m	2.5m (yoko)	41.5m	172m	8.7m
40	43m	2.5m (yoko)	40.5m	130m	9.3m
39	41m	3.5m (yoko)	37.5m	360m	10.5m
38					
37					
36	42m	0.8m (poles)*	41.2m	480m	9.9m
35	42m	3.2m (fixed)	38.8m		
34	42m	2.0m (fixed)	40m	263m	9.1m
33					
32					
31	21m	N/A	N/A	240m	7.1m
27					
26					
25	21m	1.0m (poles)	20m	190m	7.1m
24					
23	21m	N/A	N/A	200m	6.8m
22					

Please Note:

3.5m/3.3m foam Yokos are designed to compress to a maximum of 10% operationally

2.5m Yokos are designed to compress 35-40% before safety valve activates, this compression is the same for 2.0m yokos however they do not have a safety valve, therefore overcompression results in failure

1.0m/1.4m Poles have very little compression due to design

\* 36 Berth fenders are 1.4m poles, however due to the overhang of the quayside the actual recorded standoff is as detailed.

For up to date information on the current depths of all berths and approaches, please refer to the latest Passage Planning Depths document

For information on the berth pocket slopes and depths outside of the berth pockets please refer to the appropriate published chart

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