

FARRELL AND NORTON NAVAL ARCHITECTS

DISPLACEMENT TABLE -CAPE CHARLES BARGE TAKEN FROM CBC DWG 87-43-I368-B1

Deck @ 14'-6" above bottom @ side - Freeboards from midship

Draft	Freeboard	Displ.		Draft	Freeboard	Displ.		Draft	Freeboard	Displ.
2.000	12.500	761.7		5.833	8.667	2,374.0		9.667	4.833	4,148.0
2.083	12.417	795.2		5.917	8.583	2,410.6		9.750	4.750	4,187.9
2.167	12.333	828.7		6.000	8.500	2,447.2		9.833	4.667	4,227.8
2.250	12.250	862.1		6.083	8.417	2,484.6		9.917	4.583	4,267.6
2.333	12.167	895.6		6.167	8.333	2,522.1		10.000	4.500	4,307.5
2.417	12.083	929.1		6.250	8.250	2,559.5		10.083	4.417	4,347.7
2.500	12.000	962.6		6.333	8.167	2,597.0		10.167	4.333	4,387.8
2.583	11.917	996.0		6.417	8.083	2,634.4		10.250	4.250	4,428.0
2.667	11.833	1,029.5		6.500	8.000	2,671.9		10.333	4.167	4,468.1
2.750	11.750	1,063.0		6.583	7.917	2,709.3		10.417	4.083	4,508.3
2.833	11.667	1,096.5		6.667	7.833	2,746.8		10.500	4.000	4,548.4
2.917	11.583	1,129.9		6.750	7.750	2,784.3		10.583	3.917	4,588.6
3.000	11.500	1,163.4		6.833	7.667	2,821.7		10.667	3.833	4,628.7
3.083	11.417	1,198.1		6.917	7.583	2,859.2		10.750	3.750	4,668.9
3.167	11.333	1,232.8		7.000	7.500	2,896.6		10.833	3.667	4,709.0
3.250	11.250	1,267.5		7.083	7.417	2,934.9		10.917	3.583	4,749.2
3.333	11.167	1,302.2		7.167	7.333	2,973.3		11.000	3.500	4,789.3
3.417	11.083	1,336.9		7.250	7.250	3,011.6		11.083	3.417	4,823.2
3.500	11.000	1,371.7		7.333	7.167	3,049.9		11.167	3.333	4,857.1
3.583	10.917	1,406.4		7.417	7.083	3,088.2		11.250	3.250	4,891.0
3.667	10.833	1,441.1		7.500	7.000	3,126.6		11.333	3.167	4,924.9
3.750	10.750	1,475.8		7.583	6.917	3,164.9		11.417	3.083	4,958.8
3.833	10.667	1,510.5		7.667	6.833	3,203.2		11.500	3.000	4,992.7
3.917	10.583	1,545.2		7.750	6.750	3,241.5		11.583	2.917	5,046.0
4.000	10.500	1,579.9		7.833	6.667	3,279.9		11.667	2.833	5,099.3
4.083	10.417	1,615.6		7.917	6.583	3,318.2		11.750	2.750	5,152.6
4.167	10.333	1,651.3		8.000	6.500	3,356.5		11.833	2.667	5,205.9
4.250	10.250	1,687.0		8.083	6.417	3,395.9		11.917	2.583	5,259.2
4.333	10.167	1,722.7		8.167	6.333	3,435.3		12.000	2.500	5,312.6
4.417	10.083	1,758.4		8.250	6.250	3,474.6				
4.500	10.000	1,794.1		8.333	6.167	3,514.0				
4.583	9.917	1,829.8		8.417	6.083	3,553.4				
4.667	9.833	1,865.5		8.500	6.000	3,592.8				
4.750	9.750	1,901.3		8.583	5.917	3,632.1				
4.833	9.667	1,937.0		8.667	5.833	3,671.5				
4.917	9.583	1,972.7		8.750	5.750	3,710.9				
5.000	9.500	2,008.4		8.833	5.667	3,750.2				
5.083	9.417	2,044.9		8.917	5.583	3,789.6				
5.167	9.333	2,081.5		9.000	5.500	3,829.0				
5.250	9.250	2,118.1		9.083	5.417	3,868.9				
5.333	9.167	2,154.6		9.167	5.333	3,908.8				
5.417	9.083	2,191.2		9.250	5.250	3,948.6				
5.500	9.000	2,227.8		9.333	5.167	3,988.5				
5.583	8.917	2,264.3		9.417	5.083	4,028.4				
5.667	8.833	2,300.9		9.500	5.000	4,068.3				
5.750	8.750	2,337.5		9.583	4.917	4,139.5				

Draft/Freeboards are
in decimal feet (inch increments)

Calculated for SW

Displacements are in
Long Tons (2240 lbs)

CAPE CHARLES BARGE TPI
Displacement (Salt Water) vs. Freeboard

