

FARRELL AND NORTON NAVAL ARCHITECTS

DISPLACEMENT TABLE 225' HOPPER BARGE

Deck @ 12'-0" above bottom @ midships - Freeboards from midship

Draft	Freeboard	Displ.		Draft	Freeboard	Displ.		Draft	Freeboard	Displ.
1.000	11.000	276.4		4.833	7.167	1,378.9		8.667	3.333	2,515.9
1.083	10.917	299.8		4.917	7.083	1,403.3		8.750	3.250	2,540.9
1.167	10.833	323.3		5.000	7.000	1,427.8		8.833	3.167	2,565.9
1.250	10.750	346.7		5.083	6.917	1,452.2		8.917	3.083	2,590.9
1.333	10.667	370.2		5.167	6.833	1,476.7		9.000	3.000	2,615.9
1.417	10.583	393.7		5.250	6.750	1,501.2		9.083	2.917	2,641.0
1.500	10.500	417.3		5.333	6.667	1,525.7		9.167	2.833	2,666.0
1.583	10.417	440.8		5.417	6.583	1,550.2		9.250	2.750	2,691.1
1.667	10.333	464.4		5.500	6.500	1,574.7		9.333	2.667	2,716.2
1.750	10.250	488.1		5.583	6.417	1,599.3		9.417	2.583	2,741.3
1.833	10.167	511.7		5.667	6.333	1,623.9		9.500	2.500	2,766.4
1.917	10.083	535.4		5.750	6.250	1,648.4		9.583	2.417	2,791.5
2.000	10.000	559.2		5.833	6.167	1,673.0		9.667	2.333	2,816.6
2.083	9.917	582.9		5.917	6.083	1,697.6		9.750	2.250	2,841.8
2.167	9.833	606.7		6.000	6.000	1,722.2		9.833	2.167	2,866.9
2.250	9.750	630.5		6.083	5.917	1,746.8		9.917	2.083	2,892.1
2.333	9.667	654.4		6.167	5.833	1,771.5		10.000	2.000	2,917.2
2.417	9.583	678.2		6.250	5.750	1,796.1				
2.500	9.500	702.2		6.333	5.667	1,820.7				
2.583	9.417	726.1		6.417	5.583	1,845.4				
2.667	9.333	750.0		6.500	5.500	1,870.1				
2.750	9.250	774.0		6.583	5.417	1,894.8				
2.833	9.167	798.0		6.667	5.333	1,919.5				
2.917	9.083	822.0		6.750	5.250	1,944.2				
3.000	9.000	846.0		6.833	5.167	1,968.9				
3.083	8.917	870.1		6.917	5.083	1,993.7				
3.167	8.833	894.1		7.000	5.000	2,018.4				
3.250	8.750	918.2		7.083	4.917	2,043.2				
3.333	8.667	942.3		7.167	4.833	2,067.9				
3.417	8.583	966.4		7.250	4.750	2,092.7				
3.500	8.500	990.5		7.333	4.667	2,117.5				
3.583	8.417	1,014.7		7.417	4.583	2,142.3				
3.667	8.333	1,038.9		7.500	4.500	2,167.2				
3.750	8.250	1,063.0		7.583	4.417	2,192.0				
3.833	8.167	1,087.2		7.667	4.333	2,216.8				
3.917	8.083	1,111.4		7.750	4.250	2,241.7				
4.000	8.000	1,135.7		7.833	4.167	2,266.6				
4.083	7.917	1,159.9		7.917	4.083	2,291.4				
4.167	7.833	1,184.2		8.000	4.000	2,316.3				
4.250	7.750	1,208.5		8.083	3.917	2,341.2				
4.333	7.667	1,232.8		8.167	3.833	2,366.1				
4.417	7.583	1,257.1		8.250	3.750	2,391.1				
4.500	7.500	1,281.4		8.333	3.667	2,416.0				
4.583	7.417	1,305.8		8.417	3.583	2,441.0				
4.667	7.333	1,330.1		8.500	3.500	2,465.9				
4.750	7.250	1,354.5		8.583	3.417	2,490.9				

Draft/Freeboards are
in decimal feet (inch increments)

Calculated for SW

Displacements are in
Short Tons (2000 lbs)

CASHMAN DREDGING - 225' HOPPER BARGE TPI
Displacement (Salt Water) vs. Freeboard

