

FARRELL AND NORTON NAVAL ARCHITECTS

DISPLACEMENT TABLE SEI 908 HOPPER BARGE SQUARE BOW

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

Draft	Freeboard	Displ.		Draft	Freeboard	Displ.		Draft	Freeboard	Displ.
1.000	11.000	424.3		4.833	7.167	2,056.9		8.667	3.333	3,689.6
1.083	10.917	459.8		4.917	7.083	2,092.3		8.750	3.250	3,725.1
1.167	10.833	495.3		5.000	7.000	2,127.8		8.833	3.167	3,760.6
1.250	10.750	530.7		5.083	6.917	2,163.3		8.917	3.083	3,796.1
1.333	10.667	566.2		5.167	6.833	2,198.8		9.000	3.000	3,831.6
1.417	10.583	601.7		5.250	6.750	2,234.3		9.083	2.917	3,867.1
1.500	10.500	637.2		5.333	6.667	2,269.8		9.167	2.833	3,902.6
1.583	10.417	672.7		5.417	6.583	2,305.3		9.250	2.750	3,938.1
1.667	10.333	708.2		5.500	6.500	2,340.8		9.333	2.667	3,973.6
1.750	10.250	743.7		5.583	6.417	2,376.3		9.417	2.583	4,009.1
1.833	10.167	779.2		5.667	6.333	2,411.8		9.500	2.500	4,044.6
1.917	10.083	814.7		5.750	6.250	2,447.3		9.583	2.417	4,080.1
2.000	10.000	850.1		5.833	6.167	2,482.8		9.667	2.333	4,115.6
2.083	9.917	885.6		5.917	6.083	2,518.3		9.750	2.250	4,151.1
2.167	9.833	921.1		6.000	6.000	2,553.8		9.833	2.167	4,186.6
2.250	9.750	956.6		6.083	5.917	2,589.3		9.917	2.083	4,222.1
2.333	9.667	992.1		6.167	5.833	2,624.8		10.000	2.000	4,257.6
2.417	9.583	1,027.6		6.250	5.750	2,660.3				
2.500	9.500	1,063.1		6.333	5.667	2,695.7				
2.583	9.417	1,098.6		6.417	5.583	2,731.2				
2.667	9.333	1,134.1		6.500	5.500	2,766.7				
2.750	9.250	1,169.6		6.583	5.417	2,802.2				
2.833	9.167	1,205.0		6.667	5.333	2,837.7				
2.917	9.083	1,240.5		6.750	5.250	2,873.2				
3.000	9.000	1,276.0		6.833	5.167	2,908.7				
3.083	8.917	1,311.5		6.917	5.083	2,944.2				
3.167	8.833	1,347.0		7.000	5.000	2,979.7				
3.250	8.750	1,382.5		7.083	4.917	3,015.2				
3.333	8.667	1,418.0		7.167	4.833	3,050.7				
3.417	8.583	1,453.5		7.250	4.750	3,086.2				
3.500	8.500	1,489.0		7.333	4.667	3,121.7				
3.583	8.417	1,524.5		7.417	4.583	3,157.2				
3.667	8.333	1,560.0		7.500	4.500	3,192.7				
3.750	8.250	1,595.5		7.583	4.417	3,228.2				
3.833	8.167	1,630.9		7.667	4.333	3,263.7				
3.917	8.083	1,666.4		7.750	4.250	3,299.2				
4.000	8.000	1,701.9		7.833	4.167	3,334.7				
4.083	7.917	1,737.4		7.917	4.083	3,370.2				
4.167	7.833	1,772.9		8.000	4.000	3,405.7				
4.250	7.750	1,808.4		8.083	3.917	3,441.2				
4.333	7.667	1,843.9		8.167	3.833	3,476.7				
4.417	7.583	1,879.4		8.250	3.750	3,512.2				
4.500	7.500	1,914.9		8.333	3.667	3,547.7				
4.583	7.417	1,950.4		8.417	3.583	3,583.1				
4.667	7.333	1,985.9		8.500	3.500	3,618.6				
4.750	7.250	2,021.4		8.583	3.417	3,654.1				

Draft/Freeboards are
in decimal feet (inch increments)

Calculated for FW

Displacements are in
Short Tons (2000 lbs)

SEI 908 HOPPER BARGE TPI (SQUARE BOW)
Displacement (Fresh Water) vs. Freeboard

