FARRELL AND NORTON NAVAL ARCHITECTS

DISPLACEMENT TABLE
SEI 120-50 BARGE

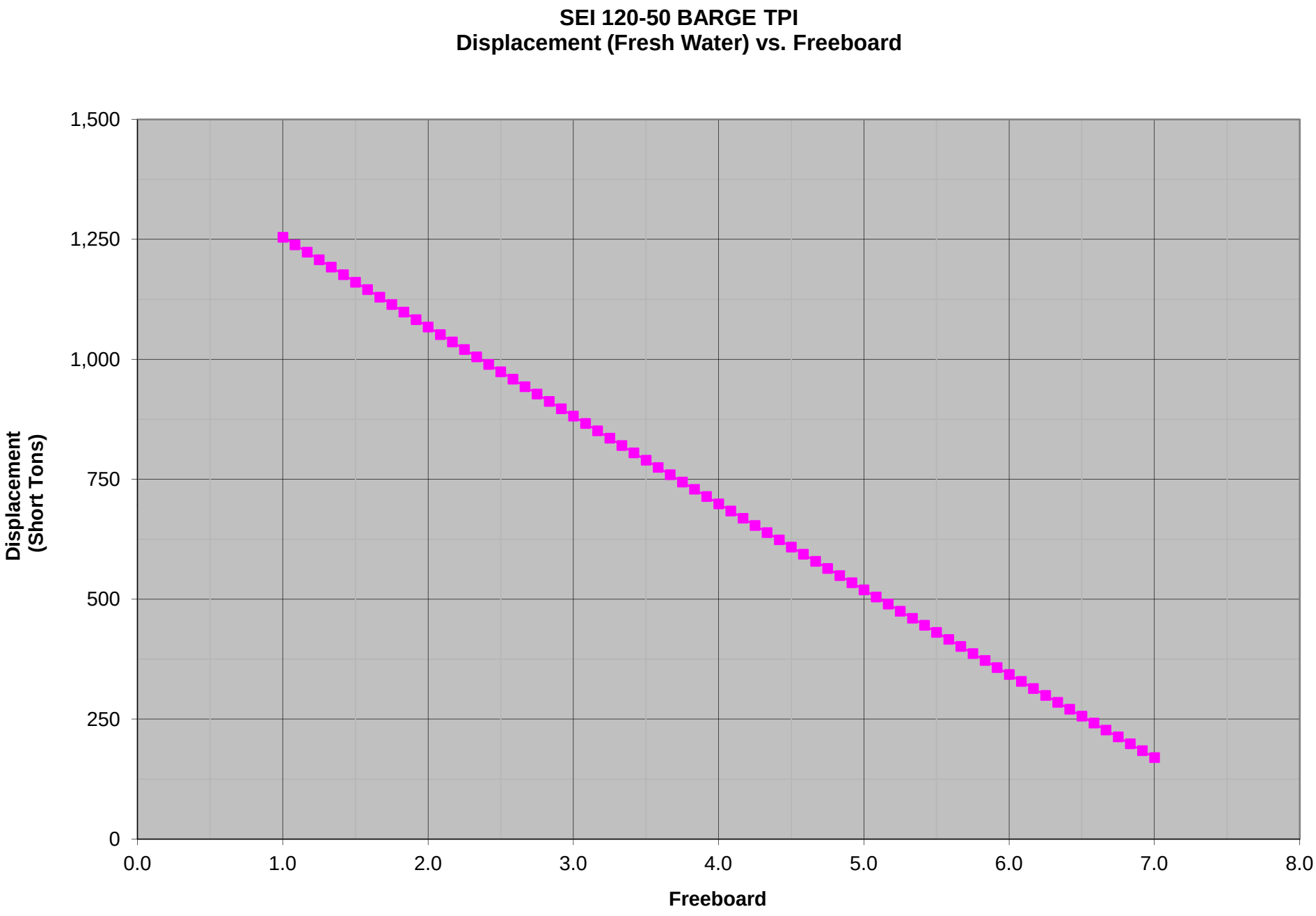
Deck @ 8'-0" above bottom @ side - Freeboards from midship

Draft	Freeboard	Displ.		Draft	Freeboard	Displ.		Draft	Freeboard	Displ.
1.000	7.000	170.1		4.833	3.167	851.0				
1.083	6.917	184.4		4.917	3.083	866.3				
1.167	6.833	198.7		5.000	3.000	881.6				
1.250	6.750	213.1		5.083	2.917	897.0				
1.333	6.667	227.5		5.167	2.833	912.4				
1.417	6.583	241.9		5.250	2.750	927.8				
1.500	6.500	256.3		5.333	2.667	943.2				
1.583	6.417	270.7		5.417	2.583	958.6				
1.667	6.333	285.2		5.500	2.500	974.1				
1.750	6.250	299.7		5.583	2.417	989.6				
1.833	6.167	314.2		5.667	2.333	1,005.1				
1.917	6.083	328.7		5.750	2.250	1,020.6				
2.000	6.000	343.3		5.833	2.167	1,036.2				
2.083	5.917	357.9		5.917	2.083	1,051.7				
2.167	5.833	372.5		6.000	2.000	1,067.3				
2.250	5.750	387.1		6.083	1.917	1,082.9				
2.333	5.667	401.7		6.167	1.833	1,098.5				
2.417	5.583	416.4		6.250	1.750	1,114.1				
2.500	5.500	431.1		6.333	1.667	1,129.7				
2.583	5.417	445.8		6.417	1.583	1,145.4				
2.667	5.333	460.5		6.500	1.500	1,161.0				
2.750	5.250	475.2		6.583	1.417	1,176.6				
2.833	5.167	490.0		6.667	1.333	1,192.2				
2.917	5.083	504.8		6.750	1.250	1,207.8				
3.000	5.000	519.6		6.833	1.167	1,223.4				
3.083	4.917	534.5		6.917	1.083	1,239.0				
3.167	4.833	549.3		7.000	1.000	1,254.6				
3.250	4.750	564.2								
3.333	4.667	579.1								
3.417	4.583	594.0								
3.500	4.500	609.0								
3.583	4.417	623.9								
3.667	4.333	638.9								
3.750	4.250	653.9								
3.833	4.167	668.9								
3.917	4.083	684.0								
4.000	4.000	699.1								
4.083	3.917	714.2								
4.167	3.833	729.3								
4.250	3.750	744.4								
4.333	3.667	759.6								
4.417	3.583	774.8								
4.500	3.500	790.0								
4.583	3.417	805.2								
4.667	3.333	820.4								
4.750	3.250	835.7								

Draft/Freeboards are
in decimal feet (inch increments)

Calculated for FW

Displacements are in
Short Tons (2000 lbs)


SEI 120-50 BARGE TPI
Displacement (Fresh Water) vs. Freeboard
Displacement (Short Tons)
1,500
1,250
1,000
750
500
250
0
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
Freeboard