



400L

Official Number: 1056079

Year Built: 1997

400-L LAUNCH BARGE

400' x 100' x 25' • 121.92m x 30.48m x 7.62m

Specifications

Summer Load Line

Keel Draft 19'7" • 5.97m

Displacement 23,510ST • 21,327.91MT

Deadweight 19,646ST • 17,822.55MT

Lightship

Draft (mean) 3'8" • 1.12m

Displacement 3,864ST • 3,505.36MT

LCG Forward of Transom 208'8" • 63.60m

VCG above Baseline 15' • 4.57m

Draft Mark Locations Forward of Transom

Fwd Marks 356' • 108.51m

Aft Marks 44' • 13.41m

Longitudinal Strength Data

Maximum Allowable Still Water Bending Moments

In Port 319,668LT-ft • 98,998MT-m

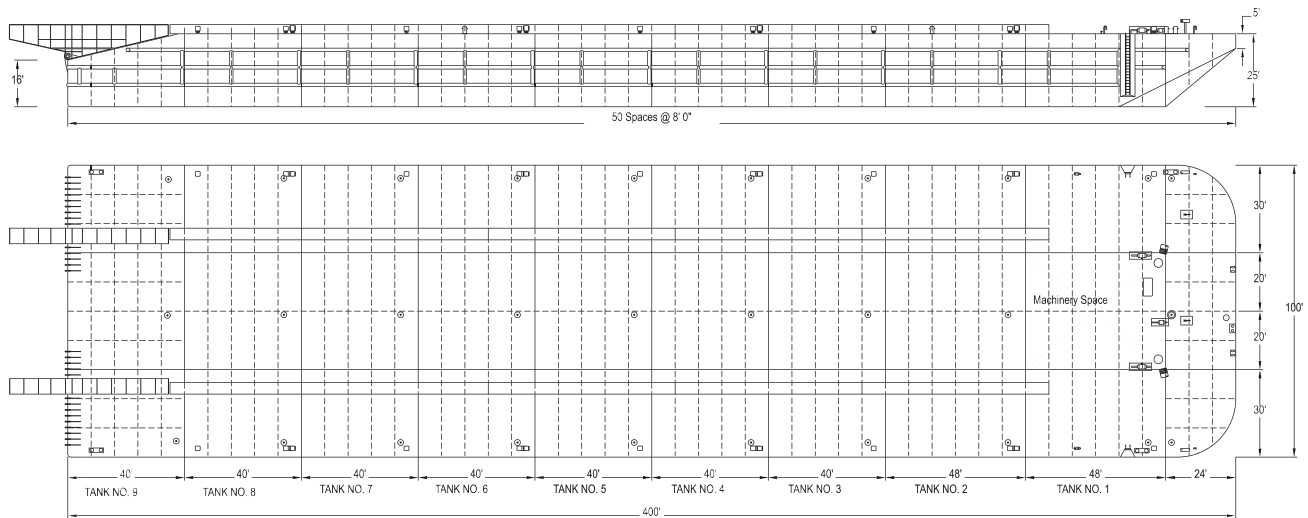
At Sea 112,124LT-ft • 34,724MT-m

Maximum Allowable Still Water Shear Force

In Port 3,738LT • 3,797.98MT

At Sea 2,265LT • 2,301.35MT

DWT (M/T)	DRAFT (M)	DWT (S/T)	DRAFT (FEET)	DISPL (S/T, S.W.)	TPI
17823	5.0	19646	19	23510	102
17237		19000	18	23000	103
16329		18000	18	22000	
15422		17000	17	21000	104
14515	4.0	16000	16	20000	105
13608		15000	15	19000	
12701		14000	14	18000	
11793		13000	13	17000	
10886	3.0	12000	12	16000	104
9979		11000	11	15000	
9072		10000	10	14000	103
8165		9000	9	13000	
7257	2.0	8000	8	12000	102
6350		7000	7	11000	
5443		6000	6	10000	
4536		5000	5	9000	
3629	1.0	4000	4	8000	101
2722		3000	3	7000	
1814		2000	2	6000	
907		1000	1	5000	
		0	0	4000	100



400-L - SUMMARY OF ALLOWABLE LOADS

Transverse Frames

Uniform Linear Load - 37,500lb/ft • 55.81MT/m

Point Load - 346,000lbs • 156.94MT

Transverse Bulkheads

Uniform Linear Load - 39,100lb/ft • 58.19MT/m

Point Load (only over web frames) -
391,150lb • 177.42MT

Longitudinal Bulkheads

Uniform Linear Load - 48,900lb/ft • 72.77MT/m

Point Load (only over web frames) -
391,150lb • 177.58MT

Nominal Overall Deck Load Rating

Counting Long'l Stiffeners - 3,350lb/ft² • 16.38MT/m²

Counting only Frames, - 3,725lb/ft² • 18.19MT/m²

Intersection of Structures

Transverse Bulkhead and Longitudinal Bulkhead

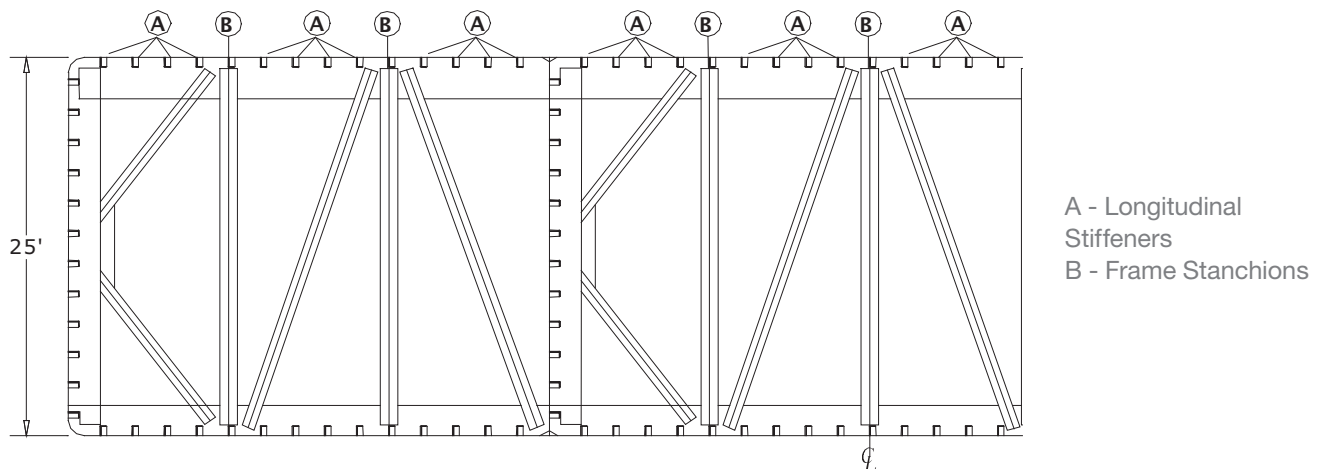
495Kips • 224.53MT

Transverse Bulkhead and Side Shell

495Kips • 224.53MT

Transverse Frame and Side Shell

498Kips • 225.89MT



*All information contained herein (including but not limited to any specifications, particulars, capacities, or capabilities) is believed to be correct, but is not guaranteed and is subject to change without notice.

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