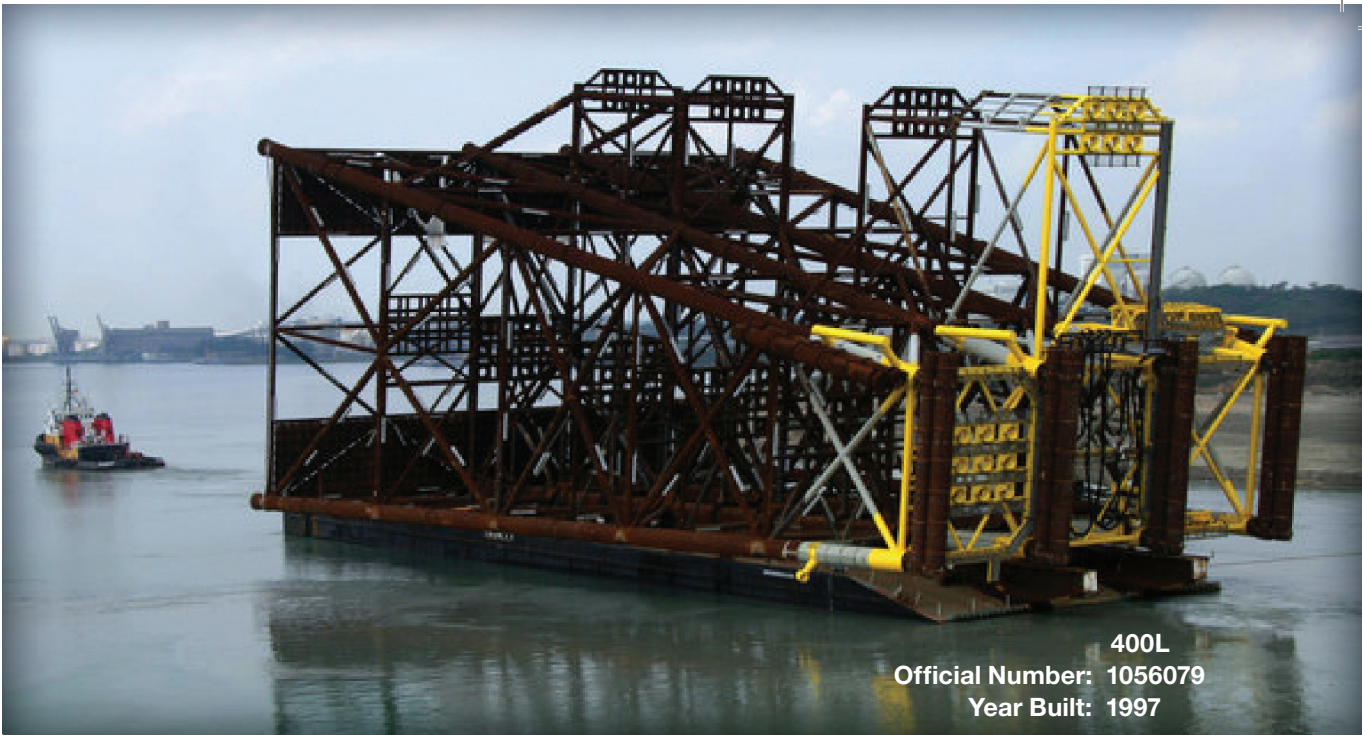


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400L
Official Number: 1056079
Year Built: 1997

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

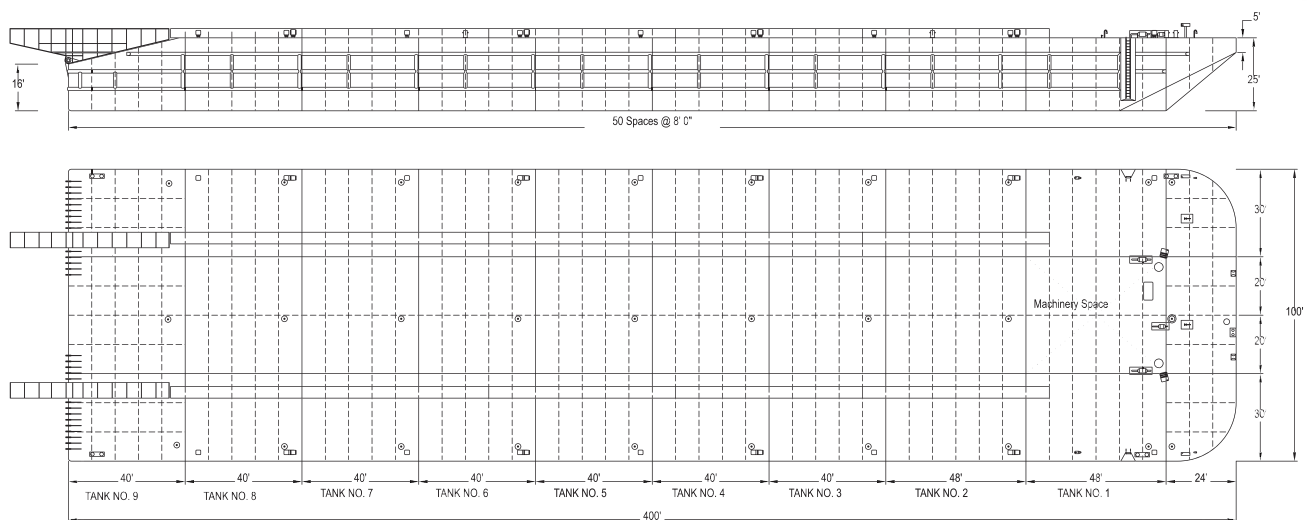
Maximum Allowable Still Water Bending Moments
In Port 319,668LT-ft • 98,998MT-m
At Sea 112,124LT-ft • 34,724MT-m

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		19646	19	23510	102
17237		19000	18	23000	103
16329		18000	17	22000	104
15422		17000	16	21000	105
14515	5.0	16000	15	20000	106
13608		15000	14	19000	107
12701		14000	13	18000	108
11793		13000	12	17000	109
10886	4.0	12000	11	16000	110
9979		11000	10	15000	111
9072		10000	9	14000	112
8165		9000	8	13000	113
7257	3.0	8000	7	12000	114
6350		7000	6	11000	115
5443		6000	5	10000	116
4536		5000	4	9000	117
3629	2.0	4000	3	8000	118
2722		3000	2	7000	119
1814		2000	1	6000	120
907	1.0	1000	0	5000	121
		0	3	4000	122

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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

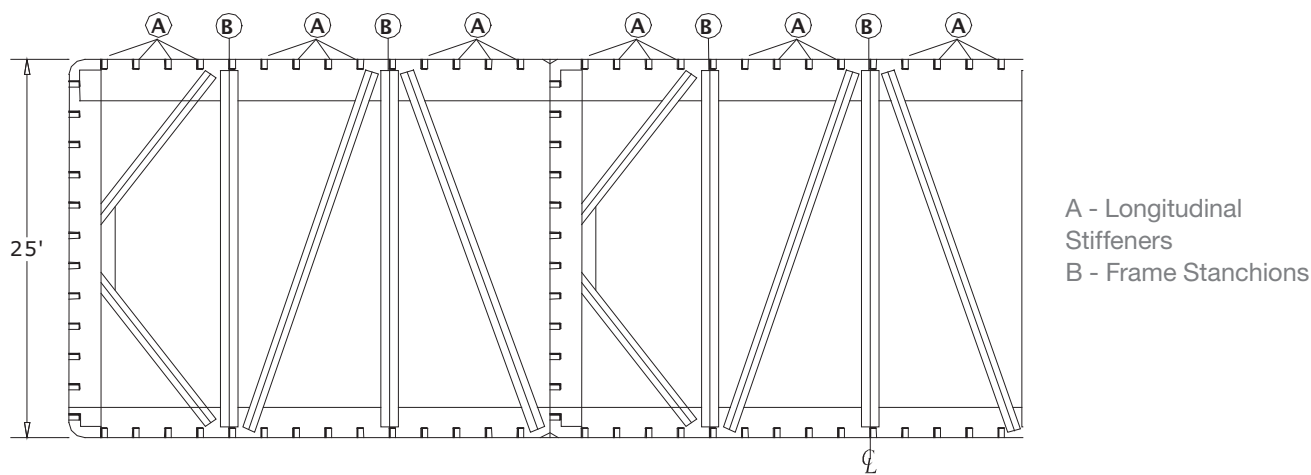
Uniform Linear Load - 48,900lb/ft • 72.77MT/m
Point Load (only over web frames) -
391,150lb • 177.58MT

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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