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

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400-L - SUMMARY OF ALLOWABLE LOADS

Transverse Frames
Uniform Linear Load - 37,500lb/ft • 55.81MT/m
Point Load - 346,000lb • 156.94MT

Transverse Bulkheads
Uniform Linear Load - 39,100lbf/ft • 58.19MT/m
Point Load (only over web frames) - 391,150lbf • 177.42MT

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

Nominal Overall Deck Load Rating
Counting Long'l Stiffeners - 3,350lbf/ft² • 16.38MT/m²
Counting only Frames, - 3,725lbf/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.

15894 Diplomatic Plaza Drive • Houston, TX 77032 • O: 832-850-4111 / F: 832-850-4141
9487 Regency Square Blvd. • Jacksonville, FL 32225 • O: 904-727-2200

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