Specifications

Summer Load Line
Keel Draft 19' 1.1875" 5.82 m

Summer Load Line
Displacement 23,090 ST 20,946.90 MT

Summer Load Line
Deadweight 19,226 ST 17,441.53 MT

Lightship Draft (mean) 3' 9" 1.14 m

Lightship
Displacement 3,863.87 ST 3,505.24 MT

Lightship LCG
Forward of Transom 202.22' 61.64 m

Lightship VCG
Above Baseline 13.81' 4.21 m

Draft Mark Locations - Forward of Transom
Fwd Marks 337.77' 102.95 m
Aft Marks 60.83' 18.54 m

Longitudinal Strength Data

Maximum Allowable Still Water Bending Moments
In Port 345,117 LT-ft 106,880 MT-m
At Sea 157,468 LT-ft 48,766 MT-m

Maximum Allowable Still Water Shear Force
In Port 3,276 LT 3,328.57 MT
At Sea 1,781 LT 1,809.58 MT
**455 Series - Summary of Allowable Loads**

**Transverse Frames**
- Uniform Linear Load: 42,308 lb/ft, 62.96 MT/m
- Point Load: 198,998 lbs, 90.26 MT

**Transverse Bulkheads**
- Uniform Linear Load: 82,094 lbf/ft, 122.17 MT/m
- Point Load (only over web frames): 547,293 lbf, 248.25 MT

**Longitudinal Bulkheads**
- Uniform Linear Load: 74,722 lbf/ft, 111.20 MT/m
- Point Load (only over web frames): 515,205 lbf, 233.69 MT

**Nominal Overall Deck Load Rating**
- Counting Long'I Stiffeners: 4,200 lb/ft², 20.51 MT/m²

**Intersection of Structures**
- Transverse and Longitudinal Bulkheads: 814.89 Kips, 369.63 MT
- Transverse Bulkhead and Side Shell: 772.97 Kips, 350.61 MT
- Transverse Frame and Side Shell: 599.60 Kips, 271.97 MT