

Recd. officially 14/9/04

CUNARD EXPRESS STEAMER.

13/9/04.

No. 735.

CONDITIONS UNDER WHICH BENDING MOMENT WAS CALCULATED.

Ship arriving in port with Fresh Water & Stores partly consumed and 400 tons of coal left in Bunkers.

Displacement 32,350 Tons.

Ship on top of wave 760' long and 38' high.

Draft aft.....13'-4½"

" Forward..... 0 or 1'-6" at No.9 ord.

" Amidship.....43'-3"

Total weight of Hull &c.....20,850 Tons. →

*finished weight
29,350 tons*

Coal..... 400 "

Baggage..... 200 "

Fresh Water... 50 "

Stores 50 "

Feed Water.... 50 "

Cargo..... 300 "

Total.....21,900 Tons.

Machinery,
Steam up.....10,450 "

Grand Total...32,350 Tons.

350

*finished weight of
machinery
29,350 tons*

20850
10452
31302

Machinery Weights...Engines 4000 Tons C.G. 191 ft. from aft. perp.

Boilers 6450 " 423.7 " " "

10450 Tons 334.8 " " "

Max: B.M. 960,000, *ft. tons* Mod. Resist: 97,145 *inch tons* of Section as submitted
8/9/04. (ordinary steel).

Stress 9.88 Tons.



Lloyd's Register
Foundation