

Tank Vessel "Leespool" Roper Bros & Co 422.

Lloyd's Register of British & Foreign Shipping.

TURRET VESSEL.—CALCULATION OF FREEBOARD.

FREEBOARD worked out upon a Moulded Depth of 30 ft. 4 in.

Volume below deck line at the base of the Turret 13399

Volume of Turret 2056 tons, ⁶⁰40% of which is 1234

Total Volume 14633

Percentage of Reserve Buoyancy 32.7% giving ... 4785

Correction for Length — 71
4714

Correction for Forecastle — 86
4628

* Correction for uncovered steel Deck — 44

Reserve Buoyancy 4584

Total Volume 14633

Displacement 10049

Draught corresponding to 10049 tons Displacement 23' 9 3/4"

* Half volume of 3 1/2 wooden deck ^{3 1/2}2 x 37.94 = 66

this is not to exceed 1 1/2 inch . 66 x 32.7 = 22
— 44

Winter Freeboard to intersection of Deck Line produced 6 - 6 3/4"

Deck Line Correction + 2

Winter Freeboard to Deck Line at ^{Harbour}Turret Deck 6 - 8 3/4"

Summer 6 - 3 1/2"

North Atlantic Winter

CORRECTION FOR LENGTH.

Length of Ship on Load Line 351.5

Length on Table 364.0

Difference 12.5

Correction for 10 ft. 1.5

1.875

Tons per inch immersion 37.94

Correction for Length ... — 71 tons

CORRECTION FOR FORECASTLE.

Length of Forecastle 32.5 = 74 nights

Reserve Buoyancy corrected for Length 4714

Percentage allowed 2.48% = 117 tons

Breadth of Forecastle 28.5

Breadth of Ship at A of Forecastle 29.0

Correction for Forecastle ... — 86 tons

Frames extend to the top height in the Poop?

But
Calculated Displacement to 23.6" Mld Draft. = 9903
Disp required $\frac{10049}{146}$
Tons per inch = 37.94
 $\frac{146}{37.94} = 3\frac{3}{4}"$ correction
= 23.9 $\frac{3}{4}"$ Mld D



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