

Report of Survey for Freeboard.

15061

Received at London Office

No. of Report 10219 Port Glasgow Dates of Survey 14th 15th 16th Oct^r 1890
 SPECIAL SURVEY for the determination of the Freeboard of the Iron Sew. Stm.
"Hungarian" of 1552 gr tons, No. 469 in the Register Book,
 built at Port Glasgow by Blackwood & Ford in 1879-3 Classed 100 A. 1.
 Owner's Name Bell & Linn
 if Surveyed Afloat or in Dry Dock Govan Dry Dock
 (State Name of Dock).

1. Registered Tonnage under Deck 1274 (To Main Deck in Awning Deck Vessels)
2. Length on the Load Line from fore side of stem to aft side of rudder post 260 ft.
3. Registered Breadth 35.2 ft.
4. Registered Depth of Hold 18.7 ft.
5. Moulded Depth 19 ft. 11 in. (This depth should be taken to the Main Deck in Spar and Awning Deck Vessels).
6. Tonnage Coefficient of Fineness 74

as the Vessel Floors of extra depth, or other special features, affecting the Coefficient of Fineness? included in U.D. tonnage
 state if the Vessel's Weather Deck is, or is not, of iron, covered with wood Iron wood sheathed
 an Awning Decked Vessel, state whether the Main Deck, if of iron, is covered with wood
 the Sheer of the Vessel measured at the side is forward 3 ft. 9 ins., and aft 1 ft. 9 ins.
 state rise in Sheer at front of Bridge, if Vessel has Long Poop or Long Raised Quarter Deck and Bridge House combined ✓ ins.
 state rise in Sheer after end of Forecastle, if Vessel has Long Poop or Long Raised Quarter Deck and Bridge House combined ✓ ins.
 Vessels other than those having Long PooPs or Raised Quarter Decks connected with Bridge Houses, sheer at the side at
 $\frac{1}{2}$ length from forward is 1 ft. 10 ins., and aft 1 ft. 1 ins.
 state whether the sheer drops abaft amidships, and, if so, by how much lowest point is amidships
 the Round of Upper or Spar Deck Beam is 9½ ins.
 the Round of Beam of Main Deck in Awning Deck Vessels is ✓ ins.
 distance between the top of Statutory Deck Line on Vessel's side and the intersection of the continuation of upper side of Deck
 with the Vessel's side 1½ ins.
 the length of the Poop from aft side of rudder post to bulkhead is ✓ ft., and height ✓ ft. ✓ ins.
 Do. of Raised Quarter Deck do. 52.5 ft., do. 4 ft. 0 ins.
 Do. Bridge House is 66 ft., do. 7 ft. 6 ins.
 Do. Forecastle from fore side of stem at Load Line is 32 ft., do. 6 ft. 6 ins.
 are the Poop, or Raised Quarter Deck and Bridge House, combined? no, 40 ft between each
 the height between the Main, and Spar, or Awning Deck from top of beam to top of beam is ✓ ft. ✓ ins.
 is the Spar or Awning Deck strengthened beyond the requirements of the Rules; and if so, to what extent? ✓

do all the Frames extend to the top height in the Poop? ✓
 Do. do. do. in the Raised Quarter Deck? yes
 Do. do. do. Bridge House? yes
 Do. do. do. Forecastle? yes
 Do. do. do. Awning Deck? ✓
 Do. do. do. Spar Deck? ✓
 to what height do the Reverse Frames extend? R. Q. Deck and Main deck
 has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at its fore end? yes
 state whether the Bridge House efficiently covers the Engine and Boiler Openings yes
 has the Bridge House an efficient Iron Bulkhead at the fore end? yes
 are there any openings or passage ways in this Bulkhead? no
 describe how and to what extent the Bulkhead is Stiffened, by Angle Irons, Bulb Plates, or otherwise by 4"x3" angles
2-9" apart
 has the Bridge House an efficient Iron Bulkhead at the after end? yes
 are there any openings or passage ways in this Bulkhead? no
 are efficient Doors fitted to the Passages of the Bridge House, or is it entered from above? Entered from above
 has the Forecastle an efficient Iron or Wood Bulkhead at its after end? Iron bulkhead
 if the Vessel has Long Poop or Long Raised Quarter Deck and Bridge House combined, state where the crew are berthed, and
 what facilities (if any) exist for enabling them to get to and from their quarters? detached erections
 are the Hatchways efficiently constructed? yes State the height of the Coamings 33", 20"
 are the Hatches solid? yes What is their thickness? 2½ ins

are the exposed parts of the Engine and Boiler Casings efficiently constructed? yes
 state the number and sizes of the Freeing Ports in the Vessel's Bulwarks, between the erections on Deck see particulars below
 are you of opinion that there are any special features in the construction of this Vessel which should cause a modification in the
 Freeboard required by the Tables? If so, state their nature, and the extent of the modification you would
 recommend

Particulars of Freeing Ports - Three on each side before Bridge
36" x 24", 30" x 24", 36" x 24" also two scuppers and two pipes
Two Freeing Ports each side abaft Bridge 36" x 24", 30" x 24" also
two scuppers and two pipes.

For estimate of Freeboard on other side

The Freeboard suitable for this Vessel is in our opinion -- { Winter 3 ft. 2 in. } from top of
 { Summer 2 ft. 1½ in. } statutory
 the amount of the Fee .. £ 3 3 1 - is received by me } ACW } deck beam
 Travelling Expenses, if any, £ 5/11/00 } Hand }
 SURVEYOR TO LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

State the number and dimensions of Hatchways in weather deck No 1 15' 10" x 8' 2" x 33" in fore well
 also four coaling hatchways on { No 2 22' 10" x 10' 9" x 33" in fore well
 Bridge deck 7' 9" x 4' x 15" { No 3 15' 10" x 8' x 33" in after well
 No 4 11' 9" x 8' x 20" on R. G. deck

Also how supported, by Web Plates, Shifting Beams, and Fore and Afters No 2 hatchway fitted with two deep
 beams and a wood fore & after, No 1, 3 & 4 fitted with a wood fore & after

Show by sketch, if desirable.

Freeboard by tables A = 3ft - 9 1/4 ins
 correction for sheer + 3/4
 " " length 3ft - 10 ins
 allowance for erection + 2 1/2
 4ft - 0 1/2
 1ft - 0 ins
 3ft - 0 1/2
 Summer draft - 2 1/2
 2ft - 10 ins

Freeboard from tops of statutory deck bar = 2ft - 10 1/2 ins
 3ft - 2 ins

H. A. J. H. J.



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