

# Report of Survey for Freeboard.

145061

Received at London Office

No. of Report 10219 Port Glasgow Dates of Survey 14<sup>th</sup> to 16<sup>th</sup> Oct<sup>r</sup> 1890  
 SPECIAL SURVEY for the determination of the Freeboard of the Iron Sew. Steamer  
"Hungarian" of 1552 gross tons, No. 469 in the Register Book,  
 built at Port Glasgow by Blackwood & Co in 1879-3 Classed 100 A. 1.  
 Owner's Name Bell & Linn  
 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

RETAIN

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  
 In 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.  
 In Vessels other than those having Long PooPs or Raised Quarter Decks connected with Bridge Houses, sheer at the side at  $\frac{1}{8}$  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 9 $\frac{1}{2}$  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 1 $\frac{1}{2}$  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? 2 $\frac{1}{2}$  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 ~~my~~ <sup>our</sup> opinion --  
 Winter 3 ft. 2 in. from top of statutory deck over  
 Summer 2 ft. 1 $\frac{1}{2}$  in. from water level  
 The amount of the Fee .. £ 3 3/- is received by me ACW  
 Travelling Expenses, if any, £ 5/11/0

SURVEYOR TO LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

W437-0274

State the number and dimensions of Hatchways in weather deck *No 1 12' 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 beam 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. Q. deck*

Also how supported, by Web Plates, Shifting Beams, and Fore and Afters *No 2 hatchway fitted with two deep*  
*leams 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. M.*



pt. 111  
 WRIT  
 PAR  
 HAV  
 Num  
 Regist  
 Leng  
 Bread  
 Depth  
 Co-e  
 Any  
 Co-e  
 Shee  
 at  
 Shee  
 Stan  
 R  
 fro  
 [P  
 Fre  
 Cor  
 Fre  
 Dif  
 Per  
 Cor  
 \*Al  
 For  
 Bri  
 Rai  
 Po  
 Le  
 Co  
 FR