

VERIFICATION REPORT *Industan 52302* Form No 9 attached. TUE JUL 30 1912 Report No. 25303
Lloyd's Register of British & Foreign Shipping.
SURVEYS FOR FREEBOARD.-STEAM SHIPS. 22456

CLASSES RELATING TO ALL STEAM SHIPS EITHER PLUSH DECKED, OR WITH PLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey *SUNDERLAND*
Date of Survey *JULY 26th 1912*
Name of Surveyor *T. S. LEATHAM*

Ship's Name. *Daghestan* Port of Registry and Nationality. *Rome* Official Number. *152070* Gross Tonnage. *3697* Date of Build. *1912* Particulars of Classification. *+100. A.1. "Steel" (CONTEMPLATED)*
Register Book

| LENGTH. | BREADTH. | DEPTH. | UNDER DECK TONNAGE. |
|---------------|--------------|--------------|---------------------|
| <i>346.5</i> | <i>50.8</i> | <i>23.35</i> | <i>3266.04</i> |
| <i>346.25</i> | <i>50.8</i> | <i>23.35</i> | <i>3266.04</i> |
| <i>346.25</i> | <i>50.42</i> | <i>24.10</i> | <i>3266.04</i> |

Moulded Depth as measured..... *25.8*

NOTE. — If the depth is measured when vessel is afloat, the details of measurement should be reported.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... *346.25*
Length in Table *308.00*
Difference *38.25*
Correction for 10ft., Table A. *1.83* Table C. *7*
× Difference divided by 10 *5.087* (if required.) *2.67*
If $\frac{1}{10}$ ths length covered divide by 2 *+5* *+2 3/4*

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered *.463*
Thickness of usual wood deck, less stringer *4" - 1/2 = 3 1/2*

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... *47.8*
Round of Beam *12*
Normal round..... *11.9 1/2*
Difference *.09* ÷ 2 =
Proportion of Deck uncovered (Para. 19)

NOTE. — The round of beam should be reported on the full breadth of vessel at the gunwale.

Freeboard, Table A *5.9 1/2*
Correction for Sheer *-6 3/4*
Correction for Length *+5*
Allowance for Deck Erections *-9 1/4*
Correction for Round of Beam..... *4.10 1/2*
Correction for fall in Sheer (if any).....
Correction for Iron Deck (if required) *-1 3/4*
Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Other Corrections (if any)

Winter Freeboard *4.8 3/4*
Summer Freeboard *4.4 1/2*
Indian Summer Freeboard *4.0 1/4*
N. A. Winter Freeboard

Correction necessary because beamside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. *1 1/4*

Winter Freeboard from deck line *4.10 1/2*
Summer " " " " *4.6 1/4*
Indian Summer " " " " *4.2*
N. A. Winter " " " "

ALLOWANCE FOR DECK ERECTIONS:—
Table C..... *2.9 3/4*
Length, if required (Para. 12, 13, and 14) *+2 1/4*
Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) *5.7 1/4*
below..... *29.48*

R. Q. Dk. if engine and boiler openings not by bridge house (Para. 11) *-9 1/4*
Deck Erections

| Length. | Length allowed. | Height. |
|---------------|-----------------|-----------------|
| <i>31.25</i> | <i>32.22</i> | <i>7.0</i> |
| <i>101.00</i> | <i>101.00</i> | <i>7.0</i> |
| <i>27.50</i> | <i>27.50</i> | <i>7.0</i> |
| | <i>160.72</i> | <i>46.8 1/2</i> |
| | <i>346.25</i> | |

percentage { *29.48*

D recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—
Fresh Water Line above centre of Disc
Indian Summer Line " " " *Amended Tables.*
Winter Line below " " *March, 1906.*
Winter North Atlantic Line " " "

mes, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside should be reported if possible.

† State dimensions of freeing port area on back of this form.
‡ The Surveyor should state whether the fall in sheer as reported is measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft forward and aft should be reported.

FORM

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LONGITUDINAL FRAMES

Do all the Frames extend to the top height in the Poop? Yes Raised Quarter Deck? Yes Bridge House Yes Forecastle? Yes

To what height do the Reverse Frames extend? Yes

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? Yes

Give particulars of the means for closing the openings in Bulkhead SHIFTING SCARPS - FULL HEIGHT IN PIVOTED CHANNELS

Is the Poop or Raised Quarter Deck connected with the Bridge House? No

Has the Bridge House an efficient Bulkhead at the fore end? Yes

Give particulars of the means for closing the openings in Bulkhead No openings

What is the thickness of the Bridge Front plating? 42" x 44" and Coaming plate? 46" x 48"

Give scantlings and spacing of the Stiffeners 8" x 12" 56" to 60" Bulwarks. Spaced 33" to 36"

Are bracket plates fitted at each end of the Stiffeners? Yes

Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? Yes

Has the Bridge House an efficient Iron Bulkhead at the after end? Yes

How are the openings closed? SHIFTING SCARPS - FULL HEIGHT IN PIVOTED CHANNELS

Is the Forecastle at least as high as the main or top-gallant rail? Yes

Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? Yes

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? Yes

If the openings are not so protected are the exposed parts of the Casings efficiently constructed? Yes

Give thickness of plating; scantlings and spacing of Stiffeners Yes

What is the height of the exposed Casings? Yes Are suitable means provided for closing all openings in them in bad weather? Yes

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:—

| Position and Size. | No. 1. 22'0" x 18'0" | | No. 2. 38'0" x 18'0" | | No. 3. 33'0" x 18'0" | | No. 4. 33'0" x 18'0" | | | |
|------------------------------|------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-------|-------|
| Item. | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. |
| Height above top of DECK | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| COAMING Thickness | Sides | 44 | 50 | 50 | 50 | 50 | 50 | 50 | | |
| | Ends | 40 | 40 | 40 | 40 | 40 | 40 | 40 | | |
| SHIFTING BEAMS OR WEB PLATES | Number | 5 | 8 | 8 | 8 | 8 | 8 | 8 | | |
| | Section and Scantlings | One 24" x 12" and 4" x 3" x 40" | Two 24" x 12" and 6" x 3" x 40" | Two 24" x 12" and 6" x 3" x 40" | Two 24" x 12" and 6" x 3" x 40" | Two 24" x 12" and 6" x 3" x 40" | Two 24" x 12" and 6" x 3" x 40" | Two 24" x 12" and 6" x 3" x 40" | | |
| | Material | 4" x 3" x 40" Steel | 6" x 3" x 40" Steel | 6" x 3" x 40" Steel | 6" x 3" x 40" Steel | 6" x 3" x 40" Steel | 6" x 3" x 40" Steel | 6" x 3" x 40" Steel | | |
| * FORE AND AFTERS | Number | | No. 10 | AND | 12 | | | | | |
| | Section and Scantlings | | | | | | | | | |
| | Material | | | | | | | | | |
| HATCHES Thickness | | | | | | | | | | |
| Remarks | | | 2 1/2" P. PNE. | | | | | | | |

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? Strake between Main and Bridge Sheerstrakes?

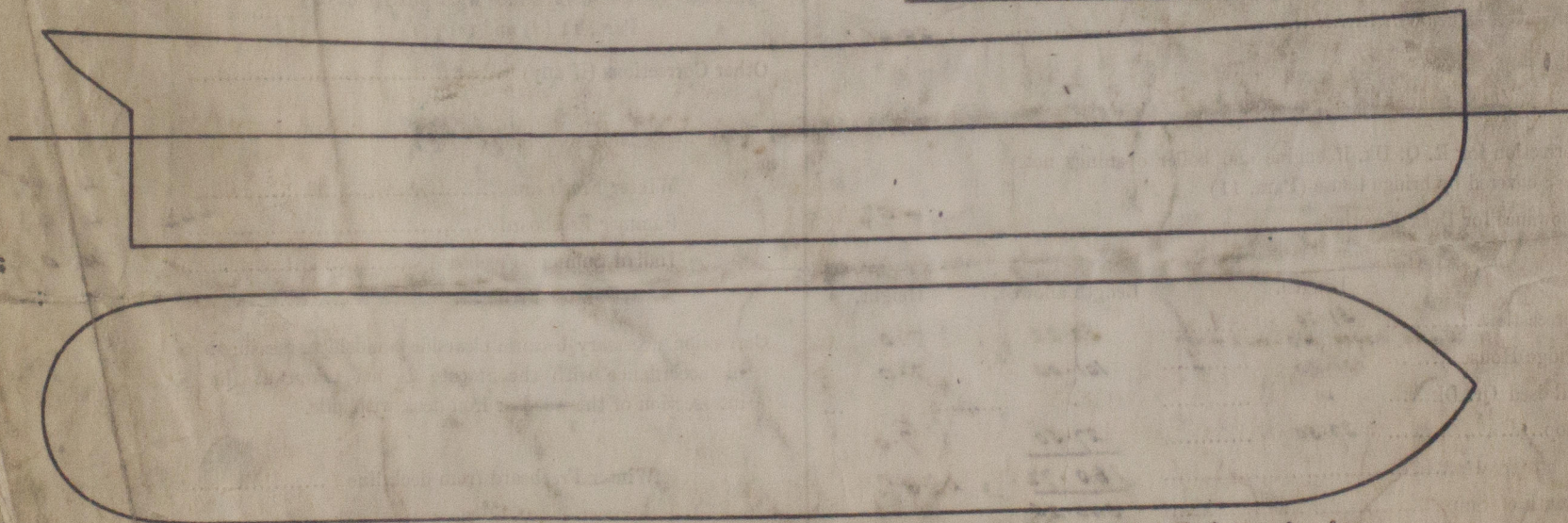
Delete the words { The Crew are, are not, berthed in the bridge house. that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

Area of Freeing Ports required by Para. 11 (e) each side of vessel = Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = Sq. ft.

Total deficiency or excess = Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

State any special features in the construction of the Vessel

This vessel is a duplicate of the S.S. "HINDUSTAN"
Sta. Regd. No. 25253. The approved plans are enclosed for reference.

Owners

Address

Fee £

Received by me



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