

Lloyd's Register of Shipping. No. 17463

SURVEYS FOR FREEBOARD - STEAM SHIPS.

ARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH OP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey: Greenock
Date of Survey: Building
Name of Surveyor: Robert Dursemuir

Table with columns: Ship's Name, Port of Registry and Nationality, Official Number, Gross Tonnage, Date of Build, Particulars of Classification.

Table with columns: REGISTERED DIMENSIONS, LENGTH, BREADTH, DEPTH, UNDER DECK TONNAGE.

Moulded Depth as measured... 16'-2"
Corrected Wood Deck... -3"
Addition for Keel below base line for draught record... 6" inches.

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

Co-efficient of fineness... 0.606
Any modification necessary [Para. 4 (a) to (e)]* Lowest in table taken
Co-efficient as corrected... 0.68

CORRECTION FOR LENGTH. Table with columns: Description, Value.

Sheer at Stem... 64"
Sheer at Sternpost... 27.5"
Gradual mean Sheer... 45.75... Mean
Standard mean Sheer [Table, Para. 18]... 15.95
Correction... -2"

CORRECTION FOR IRON DECK. Proportion covered, if less than 7/10ths length covered... Allowed for in reduced Moulded Depth

Rise in Sheer from amidships [Para. 18 (e)] At front of bridge house... At after end of forecastle...
Fall in Sheer [Para. 18 (d)] 2" / 2 = 1"
Length uncovered... Correction +1"

CORRECTION FOR ROUND OF BEAM. Table with columns: Description, Value.

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

ALLOWANCE FOR DECK ERECTIONS:- Table with columns: Description, Value.

Table with columns: Description, Value. Includes Freeboard, Table A, Correction for Sheer, etc.

Table with columns: Description, Length, Length allowed, Height.

Table with columns: Description, Value. Includes Winter Freeboard, Summer Freeboard, etc.

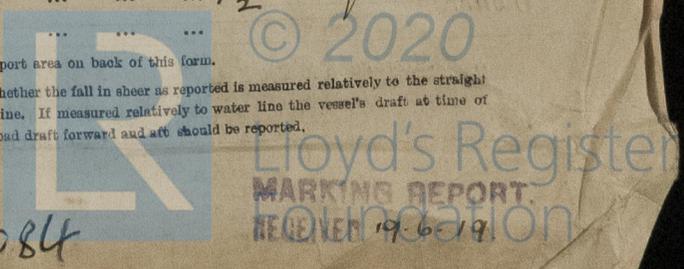
FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:- Table with columns: Description, Value.

Table with columns: Description, Value. Includes Winter Freeboard from deck line, Summer, etc.

If the frames, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside of ceiling 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.

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

To what height do the Reverse Frames extend? *Bulk Angle Framing*

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

Give particulars of the means for closing the openings in Bulkhead _____

Is the Poop or Raised Quarter Deck connected with the Bridge House? Has the Bridge House an efficient Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead _____

What is the thickness of the Bridge Front plating? and Coaming plate? _____

Give scantlings and spacing of the Stiffeners _____

Are bracket plates fitted at each end of the Stiffeners? Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?

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

How are the openings closed? _____

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? *Steel Pl.*

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *No*

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 *Boiler casing 24* *Engine casing 28* *Stiffeners 3x3x30 @ 22" to 36"*
2 1/2 x 2 1/2 x 24 @ 24"

What is the height of the exposed Casings? *Boiler casing 7'-6"* *Engine 2'-6"* 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:— *As approved.*

| Position and Size. | | COAMING HATCH 5'-6" x 10'-0" | | | | | | | | | |
|-------------------------------|------------------------------|------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Item. | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. | Ship. | Rule. | |
| COAMING | Height above top of DECK | 36" | 36" | | | | | | | | |
| | Thickness | Sides..... | 30 | 30 | | | | | | | |
| | | Ends..... | 30 | 30 | | | | | | | |
| SHIFTING BEAMS OR WEB PLATES. | Number | | | | | | | | | | |
| | Section and Scantlings | <i>None</i> | | | | | | | | | |
| | Material | | | | | | | | | | |
| * FORE AND AFTERS. | Number | | | | | | | | | | |
| | Section and Scantlings | <i>None</i> | | | | | | | | | |
| | Material | | | | | | | | | | |
| HATCHES | Thickness | 2 1/2" | | | | | | | | | |
| | Remarks..... | <i>Solid</i> | | | | | | | | | |

* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(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? _____

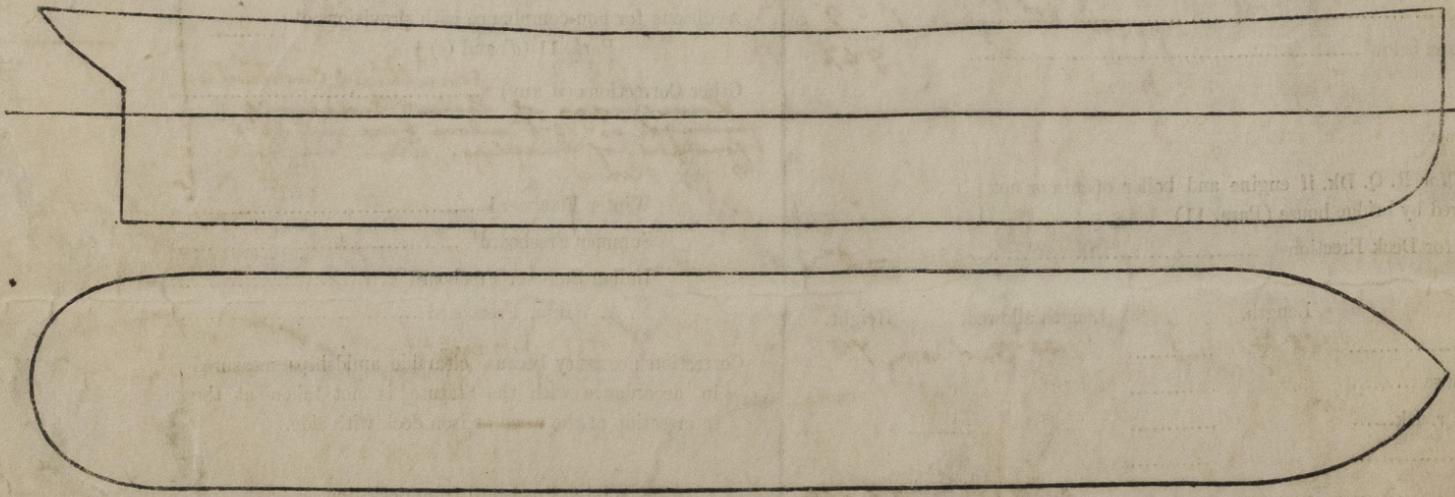
Delete the words The Crew are, are not, berthed in the bridge house.
that do not apply The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

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. |
| | x | | x | | | |
| | x | | x | | | |

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 one of the Rescue Type Tugs building for the Admiralty. & is a sister vessel to the "St Keyne" No. 294 building by Messrs Harland & Wolff. A freeboard request is forwarded herewith. Copies of approved Plans are in the London Office.*

Owners _____
Address _____

Fee £ 2 : 2 : 0

Received by me *3/1/20 APON*
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