

23430
2801

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.—STEAM SHIPS. Verification

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP 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 Belfast.Date of Survey Building.Name of Surveyor St. Kendall.*Messrs. Harland & Wolffs No. 391*

Ship's Name.

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification.

Belgenland

ex "BELGIC" (BELGENLAND)

Liverpool

British

140517

24547

1917

100A1

Contemplated.

Number in Register Book 415

Registered dimensions from Ship's Register.

Length.

Breadth.

Depth.

Under Deck Tonnage.

Length on LOADLINE.

Frame Depth 10
Rule "Ceiling
SheerPeak
Tanks

{ included

49.3
49.9
49.9
49.9
49.9
49.9

Moulded Depth as measured.....

49.5 to normal line

if the depth is measured when vessel is afloat, the details of measurement should be reported.

actual 49.0 to shelter deck

40.6 to upper deck.

CORRECTED DIMENSIONS.

Length.

Breadth.

Depth.

Under Deck Tonnage.

Co-efficient of fineness.....

79

78.7

18628.65

Any modification necessary
[Para. 4 (a) to (e)]*

92 Cell D.R.

18628.65

Co-efficient as corrected

77

18628.65

18628.65

Sheer { Stem 1385 " 192.5 ÷ 2 = 96.25 Mean
at Sternpost 540 "Sheer at $\frac{1}{8}$ of the length from Stem { Sternpost 71 } 92 ÷ 2 = 46 Mean

Gradual mean Sheer 83.63 ÷ .55 = 83.63

Standard mean Sheer [Table, Para. 18] 77.0 Correction

Difference 6.63 ÷ 4 = 1.63 "

§ If limited as Para. 18 (f) -1.63 "

Rise in Sheer { At front of bridge house.....
from amidships [Para. 18 (e)] { At after end of forecastleFall in Sheer { 3 " ÷ 2 =
Para. 18 (d) Length uncovered Corrived by Bridge Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C 14.5 - 3.25

11.25

Correction for Length, if required (Para. 12, 13, and 14) +

+ 6.4

Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) +

11.85

Difference 3.8 "

15.43

Percentage as below.....

30%

13.2 "

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }

1.17 "

Allowance for Deck Erections 1.17 "

Length.

Length allowed.

Height.

Forecastle 573.6 573.6 9.5

Bridge House 573.6 573.6 9.5

† Raised Qr. Dk. 573.6 9.5

Poop 573.6 9.5

Total 573.6 = .855

Length of Ship 670.0

Corresponding percentage (Para. 11, 12, 13, or 14) Limited to 20%.

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, Wood (Iron) Deck:—

Fresh Water Line above centre of Disc

Winter Freeboard from deck line 14.0

Indian Summer Line " " "

Summer " " " 13.3

Winter Line below " "

Indian Summer " " " 12.5

Winter North Atlantic Line " "

N. A. Winter " " " 13.3

as a cargo vessel.

15.5.17

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

† In vessels obtaining an allowance for deck erections under Para. 11 where the sheer drops abeam amidships the height of the R.Q.D. is to be taken from the level of the top of the amidships beam.

‡ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and stern-post.

1m.11.15. T.

+ 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.

MARRIOTT LIBRARY

Lloyd's Register Foundation

RECEIVED 25.5.17

W512-0262

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

To what height do the Reverse Frames extend? ✓

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? Yes.

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 the hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? ✓

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

How are the openings closed? Shifting boards full height in permanent riveted channels. Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? Yes.

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

Give thickness of plating; scantlings and spacing of Stiffeners ✓

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

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:— Yes.

Position and Size.	N ^o 1. Poop 16:5:2 17:4:	N ^o 2- 20:3:2 17:0:	N ^o 3 20:3:2 17:0:	N ^o 4 20:3:2 17:0:	N ^o 5 16:6 17:10:2 17:0:	N ^o 7 15:3:4 17:6:
Item.	on Forecastle Ship. Rule.	on Forecastle Ship. Rule.	on Lower Poop. Ship. Rule.	on Bridge. Ship. Rule.	on Shelter Deck. Ship. Rule.	
COAMING. Thickness { Sides.....	30" 24	32" 24	30" 18	30" 18	30" 24	30" 24
Thickness { Ends.....	.444	.444	.444	.444	.444	.444
SHIFTING BEAMS OR WEB PLATES.	Number Section and Scantlings Material 6:3:2 B.A. stiffener enclad 30"	Steel watertight arched over. 40 2 webs 18:2:44 4 webs. 2 Bns 12 I 12x32	Steel, none	Steel, none	Steel, none	Steel, none
* FORE AND AFTERS.	Number Section and Scantlings Material none	none	none	none	none	none
HATCHES Thickness		3"	3"	3"	3"	3"
Remarks.....						

* 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.

Strake between Main and Bridge Sheerstrakes? _____

What is the thickness of the Bridge Sheerstrake? _____

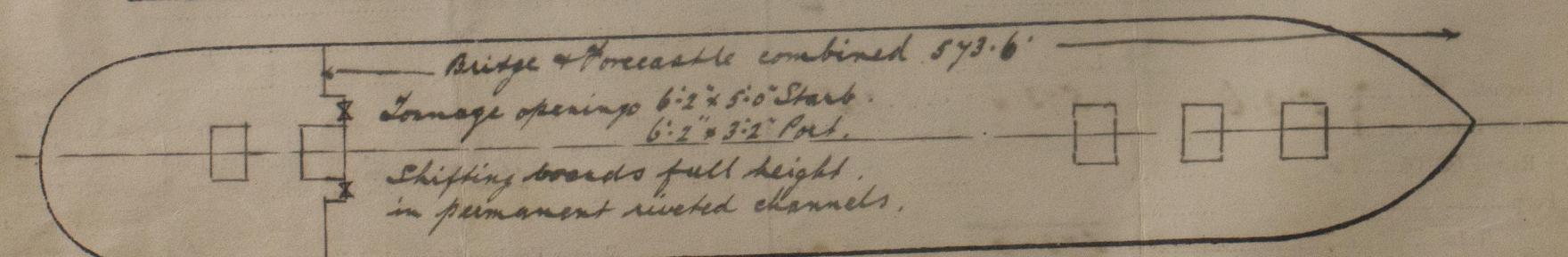
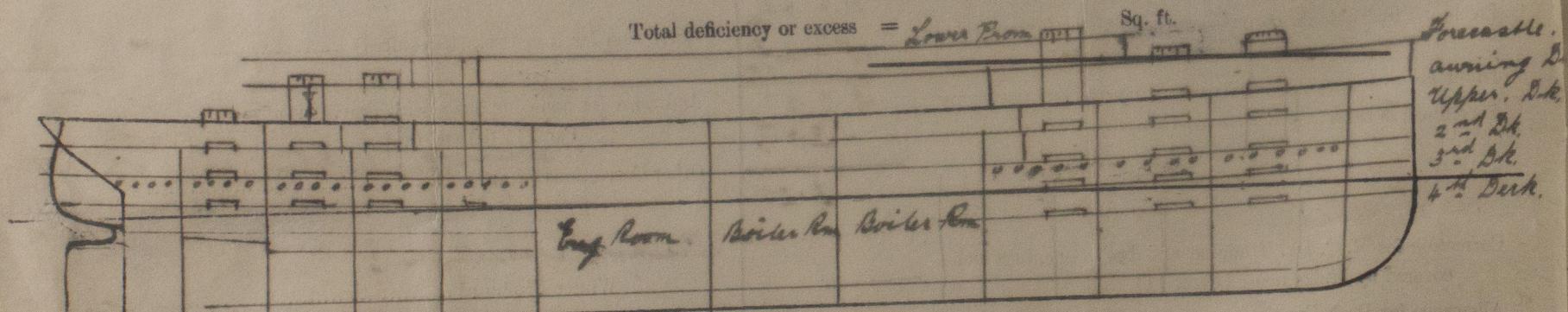
Delete the words { The Crew are, are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

Length of Bulwarks in well

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

Ft. Tenth.	Ft. Tenth.	No.	Freeing Ports (each side of vessel)	=	Sq. ft.
x	x				
x	x				

Total deficiency or excess = Loss from open 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.
approved sketches of Midship Section & Profile & plan of Bulkhead arrangement
enclosed herewith.

State any special features in the construction of the Vessel This vessel has eleven watertight bulkheads all extended to

awning Deck. All sidelights below 2nd deck are of underwater pattern as per Circular 1485.
All Stairs from cargo spaces on Upper Deck lead to bilges, where lead outboard from rooms fitted with storm valves on ship's side and screw plugs inside & all galvanized iron, no external coppers from second deck.
Owners

, Address

Fee £.: : Received by me



© 2020
Lloyd's Register
Foundation