

pt. 11b

Lloyd's Register of British & Foreign Shipping.

SURVEYS FOR FREEBOARD.

Verification Report Messrs Wood Skinner & Co. Ltd. N° 124

175
THUR. 8 DEC 1904
10.11.990

PARTICULARS IN RESPECT OF STEAM SHIP WITH TOP GALLANT FORECASTLE,
HAVING ~~RAISED QUARTER DECK CONNECTED WITH BRIDGE HOUSE~~
~~OR BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE~~
Delete words which do not apply.

Port of Survey Newcastle
Date of Survey Dec 6 1904
Name of Surveyor H. A. Libb

Ship's Name. "ARRIVAL"	Gross Tonnage. <u>358</u>	Official Number. <u>120481</u>	Type of Ship. <u>Well Deck</u>	Date of Build. <u>1904</u>	Particulars of Classification. <u>100 A 1 contemplated</u>
Number in Register Book					

Registered Length as shown by ship's register. { 143.0 Breadth 24.15 Depth 9.25
Length on Loadline 143.0 ✓
Breadth 24.15 ✓

Depth 9.25 Peaks 239.58
Tons und. Dk. 12.00
251.58
× 100

Moulded Depth as measured..... 11.1"
Unheated Iron Main Dk.

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..... 143.0 ✓
Length in Table 133.0 ✓
Difference 10.0 ✓

Correction for 10ft., Table A. 9 ✓ Table C.
× Difference divided by 10 9 ✓ (if required.)
If $\frac{1}{10}$ ths length covered and Poop or RQD is connected to Bridge divide by 2 for vessels coming under para. 11 } + 1" par 11 = + 5" par 11

CORRECTION FOR IRON DECK.
Proportion covered, if less than $\frac{1}{10}$ ths length covered 57% ✓
Thickness of usual wood deck, less stringer..... 2.65" ✓
- 1 1/2"

CORRECTION FOR ROUND OF BEAM.
Breadth at Gunwale amidships..... 23.9" ✓
Round of Beam..... 6" ✓
Normal round 6" ✓
Difference ✓ ÷ 2 = ✓
Proportion of Deck uncovered (Para. 17) ✓

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

Freeboard, Table A 1-7 1/2" ✓
Correction for Sheer }
Correction for Length } - 5"
Allowance for Deck Erections }
Correction for Round of Beam..... } 1-8 1/4"
Correction for Iron Deck (if required) } - 1 1/2"
Additions for non-compliance with provisions of }
Para. 11 (e) and (f) }
Other corrections (if any)..... }
1-0 3/4 1/4"

Winter Freeboard 1-0 3/4"
Summer Freeboard - 1 1/2"
N. A. Winter Freeboard 10 1/4"
Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the iron deck with side. 1"

Winter Freeboard from deck line § 1-1 1/2"
Summer " " " " 2 1/2"
N. A. Winter " " " " 1 1/2"

Freeboard recommended amidships from centre of Disc to top of Statutory Deck Line, W (Iron) Deck: 0-11 1/2" ... 0-11 1/2"
2 1/2"
1 1/2"

Fresh Water Line above centre of Disc ...
Indian Summer Line " " " " ...
Winter Line below " " " " ...
Winter North Atlantic Line " " " " ...

† State dimensions of freeing port area on back of this form.
§ Marked in accordance with Sec. 437, M. S. Act, 1894.

Co-efficient of fineness787
Any modification necessary { - .01 = Dilde bottom
[Para. 4 (a) to (e) *] .77 to A frames
Co-efficient as corrected77
Sheer { Stem... 48 } 70 ÷ 2 = 35 ... Mean
at { Sternpost... 22 }
Sheer at $\frac{1}{2}$ of the length from { Stem 28 } 41 1/2 ÷ 2 = 20 3/4 ... Mean
{ Sternpost 13 1/2 }
Gradual Sheer Par 14 27 1/2 par 11
Standard Sheer (Table, Para. 16)..... 14.58 24.3 Correction
Difference..... 6.17 10.7 ÷ 4 = -2 3/4"
- 1 1/2"
Rise in Sheer { At front of bridge house..... 3/4"
from amidships {
[Para. 16 (e)] { At after end of forecastle 23"

ALLOWANCE FOR DECK ERECTIONS:—
Freeboard, Table C. 1-7 1/2" = 112 (11-1) = 8 1/2" ✓
Correction for Length, if required (Para. 12 and 13)
Freeboard by Table A, corrected for sheer, for length,
if required (Para. 12 and 13) Par 11 } 1-4 3/4"
Difference 8 1/2"
Percentage as below: Par 11 for 10 inclinations = 50%
Par 11 for 10 inclinations, sheer = 2 1/2" length + 1"
Par 14 for 10 inclinations, sheer = 1 1/2" length + 1"
Corrections = 4 1/2"
Corrections = 2 1/2"
Corrections 1-8 1/2" × 12 7/10 = 2 1/2"
Correction for R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house } ✓
Allowance for Deck Erections at inclinations = 57 = -5 1/2"

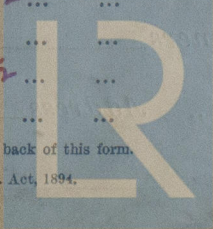
Length. Length allowed. Height.
Forecastle..... 19.2 19.2 7.0
Bridge House 12.7 12.7 7.0
† Raised Qr. Dk. 49.6 49.6 4.0
Poop..... ✓
Total 81.5 ✓
Length of Ship 143 ✓ = .57

Corresponding percentage { ✓
(Para. 11, 12, or 13.) }
FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line, W (Iron) Deck: 0-11 1/2" ... 0-11 1/2"
2 1/2"
1 1/2"

† 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 abaft amidships the height of the R.Q.D. is to be taken from the level of the top of the amidship beam.

274.—Trans. Ink
to Surveyor 9/12/04

W 494-0231



© 2020
Lloyd's Register
Foundation

DELETE WORDS WHICH DO NOT APPLY.

The Crew are, ~~not~~, berthed in the ~~bridge house~~. *Forecastle*
The arrangements to enable them to get backwards and forwards from their quarters are, ~~satisfactory~~.

Length of Bulwarks in well

Area of freeing ports required by Para. 11 (f) each side of vessel

Freeing Ports (each side of vessel)

Ft.	Tenths.	Ft.	Tenths.	No.		Sq. Ft.
3.0	x	1.9	x	3	} 31.5 sq ft. = 31.5	Sq. Ft.
3.0	x	1.9	x	3		

Total deficiency = 6.8 Sq. Ft.

Total excess = 7.0

Vertical distance from bottom of keel or from top of deck at side amidships to lower edge of lowest side scuttle.

(N.B.—This dimension need not be reported unless the sill of the lowest side scuttle would be less than 6 inches above the Indian Summer Load Line if assigned under the tables.)

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*

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

Has the ~~Poop~~ Raised Quarter Deck an efficient Iron Bulkhead at the fore end? *yes*

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

Is the ~~Poop~~ raised Quarter Deck connected with the Bridge House? *yes*

State whether the Bridge House efficiently covers the Engine and Boiler Openings *No. see plans*

Has the Bridge House an efficient Iron Bulkhead at the fore end? *yes*

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

Describe how and to what extent it is Stiffened, give scantlings and spacing of Angle Irons, Bulb

Plates, etc. *4 x 2 1/2 x 7/20 B.A. 30" apart. Knued top & bottom*

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

How are the openings closed? *No openings*

Is the forecastle at least as high as the main or top-gallant rail? *yes*

Has the Forecastle an efficient Iron ~~or Wood~~ Bulkhead at its after end? *yes*

Are the Hatchways efficiently constructed? *yes* What is the thickness of the Hatches? *2 1/2"*

State the height of the Coamings in fore well? *2' 9"* In after well

Are the exposed parts of the Engine and Boiler Casings efficiently constructed? *yes*

State any special features in the construction of the Vessel *Constructed in accordance*

with approved plans enclosed herewith. See preliminary report No. 47130 & Secy letter M 11-6-04.

Henry A. Gibbs

Show hereon the actual measurements of sheer, draft, erections, breaks in line of floors, &c.

Owners

Address

Fee £

Received by me



© 2020

Lloyd's Register Foundation