

## Lloyd's Register of British &amp; Foreign Shipping.

17968  
No 1223  
SAL. 26 AUG 1905

## EXT SURVEYS FOR FREEBOARD.

PARTICULARS IN RESPECT OF STEAM SHIPS WITH TOP GALLANT FORECASTLES,  
HAVING LONG POOPS OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES,  
OR SHORT POOP AND BRIDGE HOUSE DISCONNECTED, OR BRIDGE HOUSE.

Delete words which do not apply.

Port of Survey

Verification

Maryport

Date of Survey

13<sup>th</sup> January 1905

Name of Surveyor

S. O. Kendall.

A. Allen.

Ship's Name.

Africa

Gross  
Tonnage.

454

Official  
Number.

120617

Type of Ship.

Screw Steamer

Date of Build.

1905

Particulars of Classification.

100 A.I. Contemplated.

Registered Length as shown by ship's register. 159  
Breadth 24.95  
Depth 9.4  
Length on Loadline 159  
Breadth 24.95

Moulded Depth as measured 11.9

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

Depth to ordinary floors 11.14  
Tons und. Dk. 301Tonnage of Double Bottom + Fore Peak × 100  
30  
331

$$331 \times 100 = 33100$$
$$59 \times 24.95 \times 11.14 = 15900$$

Co-efficient of fineness 0.446

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

Co-efficient as corrected 0.44

Sheer at Stem 53  
at Sternpost 22 1/2  
Mean 37 3/4Sheer at 1/2 of the length from Stem 29  
Sternpost 12 1/2  
Mean 20 3/4

Gradual Sheer 37 3/4

Standard Sheer (Table, Para. 16) 25.84  
Difference 11.88 ÷ 4 = 2.97Rise in Sheer from amidships [Para. 16 (e)]  
At front of bridge house  
At after end of forecastle

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C 1.85 - 1.94 8 3/4

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

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

Difference 1.52 - 8 3/4

Percentage as below 68.36

Correction for R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house

Allowance for Deck Erections 5 3/4

	Length.	Length allowed.	Height.
Forecastle	22.5	19.1	5.5
Bridge House	10.5	10.5	7.0
Raised Qr. Dk.	89.3	89.3	3.5
Total		118.9	
Length of Ship		159	

Corresponding percentage (Para. 11, 12, or 13) = 68.36

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

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

\* 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.

2m. 7.4.—Trans. Ink.

CORRECTION FOR LENGTH.  
Length of Ship on Loadline 159.0  
Length in Table 141.0  
Difference 18.0Correction for 10ft., Table A. 0.9  
× Difference divided by 10 1.62 (if required)

If 1/10ths length covered and Poop or R.Q.D. is connected to Bridge divide by 2 for vessels coming under para. 11 0.81 + 3/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered  
Thickness of usual wood deck, less stringer 3

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships 24.4  
Round of Beam 6  
Normal round 6  
Difference 6 ÷ 2 = 3

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

Proportion of Deck uncovered (Para. 17)

Freeboard, Table A	1.95
Correction for Sheer	- 0.3
Correction for Length	+ 0.34
Allowance for Deck Erections	- 5 3/4
Correction for Round of Beam	- 1.05
Correction for Iron Deck (if required)	- 3
Additions for non-compliance with provisions of Para. 11 (e) and (f) †	9 1/2
Other corrections (if any) Para. 11, sub para. a, strengthened bridge front &c	- 3/4
Winter Freeboard	8 3/4
Summer Freeboard	4 1/4
N. A. Winter Freeboard	

Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the wood or iron deck with side. 1

Winter Freeboard from deck line § 9 3/4  
Summer " " " 8 3/4  
N. A. Winter, " " " "\* State dimensions of freeing port area on back of this form.  
† Marked in accordance with Sec. 437, M. S. Act, 1894.

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DELETE WORDS WHICH DO NOT APPLY.

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

Length of Bulwarks in well 36.9 ✓  
Area of freeing ports required by Para. 11 (f) each side of vessel 10.19 ✓ 10.19 Sq. Ft.  
Freeing Ports (each side of vessel) + 25% 2.55  
12.74 ✓  
13.50 ✓ Sq. Ft.

Ft.	Tenths.		Ft.	Tenths.	No.	
3	0	×	1	5	×	3
		×			×	

Total deficiency =  
Total excess = 76 ✓

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? To side stringer and deck alternately.

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

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. Plates 7/16 Stiffeners 5 1/2 x 3 x 7/16 Angles. spaced. 24 + 30 + 2 Webs. see plan

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 ~~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? 30 ✓ In after well 22 on R. Q. Deck

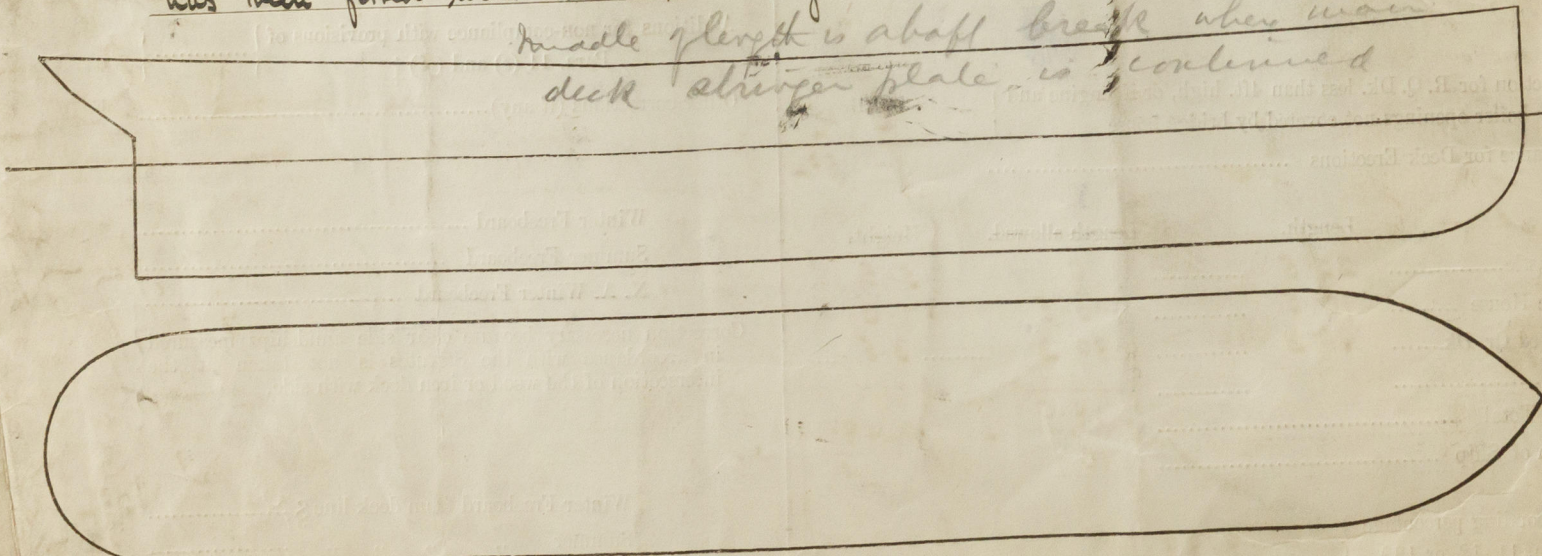
Are the exposed parts of the Engine and Boiler Casings efficiently constructed? Substantial Deckhouse

State any special features in the construction of the Vessel This vessel is very similar to

the same Builders S.S. No. 87 "Haller", see Form Rpt 1208, see also

Provisional Freeboard Rpt No. 1199. Since this was assigned the vessel

has been fitted with wood sheathing 2 1/2 thick on the weather decks.



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

Owners

Address

Fee £

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Damage or Re-  
per Sec. 88.)  
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NAT. No. 295

