

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

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.

Port of Survey Leith
Date of Survey 1st October 1901
Name of Surveyor Thomas Field

Ship's Name. Rajah of Sarawak
Number in Register Book 178

Gross Tonnage.

Official Number.

Type of Ship.

Date of Build.

Particulars of Classification.

Shade Deck1901+100 A1 Shade Deck Contemplated

Registered Length 230 Breadth 34.16 Depth 14.83

Length on Loadline 230Breadth 34.16Depth to floor 15.0Tons und. Dk. 897.13

× 100

Co-efficient of fineness .76Any modification necessary {
[Para. 4 (a) to (e)]

Co-efficient as corrected

Sheer { Stem... 69½" = 62½" with gradual sheer
at { Sternpost... 25½" } 22½" ÷ 2 = ... Mean 42½"

Sheer at ½ of the length from { Stem 34¾" } = 23¾" Mean
Sternpost 12¾" }

Standard Sheer (Table, Para. 16) 33" Correction
Difference 9½" ÷ 4 = 2¾"

Rise in Sheer { At front of bridge house...
from amidships { At after end of forecastle ...
[Para. 16 (e)]

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C. 1' 3¼"
Correction for Length, if required (Para. 12 and 13) +2
1' 5¼"

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) 1' 10"
Difference 1' 2½"
Percentage as below 76

Complete shade deck with three small openings closed by shutters allow say 12"

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

*Allowance for Deck Erections 12" - 14"

	Length.	Length allowed.	Height.
Forecastle.....	<u>27.5</u>	<u>27.5</u>	<u>7' 6"</u>
Bridge House	<u>167.25</u>	<u>125.25</u>	<u>7' 6"</u>
Raised Qr. Dk.....			
Poop.....	<u>35.25</u>	<u>35.25</u>	<u>7' 6"</u>
Total	<u>230.0</u>	<u>198</u>	
Length of Ship		<u>230</u>	

Corresponding percentage {
(Para. 11, 12, or 13) } .81 = 76%

FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line:—

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

Moulded Depth as measured 15' 10"

CORRECTION FOR LENGTH:—

Length of Ship on load line 230
Length in Table 190
Difference* 40
Correction for 10ft., Table A. 1" Table C. .5
× Difference* divided by 10 + 4" (if required.) +2
If 10ths length covered divide by 2 } = +2"

CORRECTION FOR IRON DECK:—

Proportion covered, if less than 10ths length covered ✓
Thickness of usual wood deck, less stringer 3"
2½" wood Sheathing. Correction - ½"

CORRECTION FOR ROUND OF BEAM:—

Round of Beam 8½"
Normal round 8½"
Difference ✓ ÷ 2 = ✓

Proportion of Deck uncovered (Para. 17)

Freeboard, Table A	<u>2' 8½"</u>
Correction for Sheer	<u>- 2¾"</u>
	<u>2' 6½"</u>
Correction for Length	<u>+ 3¼"</u>
	<u>2' 10½"</u>
Allowance for Deck Erections	<u>- 1' 0½"</u>
	<u>1' 10½"</u>

Correction for Round of Beam ✓

Sheathing 2½" instead of 3"
Correction for Iron Deck (if required) ✓ - ½"
1' 10½"

Additions for non-compliance with provisions of {
Para. 11 (e) and (f) }

Other corrections (if any) ✓Winter Freeboard 1' 9½"Summer Freeboard 1' 7½"N. A. Winter Freeboard 1' 11½"

Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the deck with side. 1½"

Winter Freeboard from deck line 1' 10½"Summer " " " 1' 8½"N. A. Winter, " " " 2' 0½"

* Particulars should be stated on the back of this Form as to the character of the Erections, and whether closed in or not.

† State dimensions of freeing port area on the back of this form.

‡ Marked in accordance with Sec. 25, 76.

ERASE 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 not,* satisfactory.

Length of Bulwarks in well $\times 2 \div$ = Sq. Ft.
Freeing Ports

Ft.	Tenths.	Ft.	Tenths.	No.	}	= Sq. Ft.
	\times		\times			
	\times		\times			

Total deficiency = Sq. Ft.

Total excess = *no well*

CHARACTER OF DECK ERECTIONS.

Do all the Frames extend to the top height in the Poop? *yes*

Do. do. do. do. Raised Quarter Deck? *yes*

Do. do. do. do. Bridge House? *yes*

Do. do. do. do. Forecastle? *yes*

To what height do the Reverse Frames extend? *Main deck + stowage below alternately*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at its fore end? *Wood bulkhead*

State whether the Bridge House efficiently covers the Engine and Boiler Openings *yes*

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

Are efficient Doors fitted to the Passage Ways? *yes*

Describe how and to what extent it is Stiffened, by angle Irons, Bulb Plates, or otherwise *yes*

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

Are efficient Doors fitted to the Passage Ways? *yes*

Are efficient Iron Doors fitted to the Passages of the Bridge House, or is it entered from above? *Entered above*

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

Are the Hatchways efficiently constructed? *yes* State the height of the Coamings *15"*

Are the Hatches solid? *yes* What is their thickness? *2 3/4"*

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

State any special features in the construction of the Vessel *Continuous shade deck from poop to forecastle.*

The approved midship section & profile plans are forwarded herewith

A preliminary freeboard was assigned per Secretary's letter M. 28/1/01, at which time a freeboard survey request form was forwarded.

*2 Plans
JRS*

returned 8/1/01

Owners

Address

Fee £

Received by me



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