

14875

# 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 1<sup>st</sup> 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. Shade Deck

Date of Build. 1901

Particulars of Classification. +100A1 Shade Deck Contemplated

Registered Length 230 Breadth 34.16 Depth 14.83

Moulded Depth as measured.....15' 10".....

Length on Loadline ..... 230

Breadth ..... 34.16

Depth to floors 15.0

Tons und. Dk. 897.13

× 100

89713.0000 (.76)  
815612  
815180  
699096

Co-efficient of fineness ..... .76

Any modification necessary }  
[Para. 4 (a) to (e) } ✓

Co-efficient as corrected ..... ✓

### 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  $\frac{1}{10}$ ths length covered divide }  
by 2. } = +2"

### CORRECTION FOR IRON DECK :—

Proportion covered, if less than  $\frac{1}{10}$ ths length covered ..... ✓  
Thickness of usual wood deck, less stringer..... 3"  
2 1/2" wood Sheathing. Correction - 1/2"

### CORRECTION FOR ROUND OF BEAM :—

Round of Beam..... 8 1/2  
Normal round ..... 8 1/2  
Difference ..... ✓ ÷ 2 = ✓

Proportion of Deck uncovered (Para. 17) .....

Sheer { Stem... 69 1/2" } = 62 1/2" with gradual sheer  
at { Sternpost... 25 1/2" } 22 1/2" ÷ 2 = ... Mean 42 1/2"

Sheer at 1/2 of the length from { Stem 34 3/4" } = 23 3/8" Mean  
{ Sternpost 12 3/4" }  
Standard Sheer (Table, Para. 16)..... 33" Correction  
Difference..... 9 1/2" ÷ 4 = 2 3/8"  
*Say*

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' 3 1/4"  
Correction for Length, if required (Para. 12 and 13) ..... ✓  
+2  
1' 5 1/4"

Freeboard by Table A, corrected for sheer, and for length, }  
if required (Para. 12 and 13) } 10"  
Difference ..... 2' 6 1/2"  
Percentage as below..... 76  
4 1/4

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" - 11 1/4"

	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%

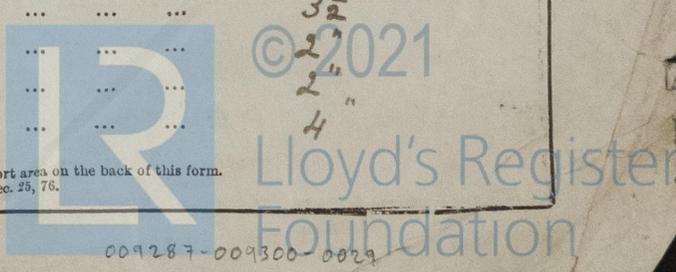
FREEBOARD recommended amidships from centre of Disc to top of Statutory Deck Line :—

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

Freeboard, Table A .....	<u>2' 8 1/2"</u>
Correction for Sheer .....	<u>- 2 3/4"</u>
Correction for Length .....	<u>2' 6 1/8"</u>
Allowance for Deck Erections .....	<u>+ 2 1/4"</u>
Correction for Round of Beam.....	<u>2' 10 1/8"</u>
Correction for Iron Deck (if required) .....	<u>- 1" 0 1/8"</u>
Sheathing <u>2 1/2"</u> instead of <u>3"</u>	<u>1' 10 3/8"</u>
Other corrections (if any).....	<u>1' 9 1/2"</u>
Winter Freeboard .....	<u>1' 7 1/2"</u>
Summer Freeboard .....	<u>1' 11 1/2"</u>
N. A. Winter Freeboard .....	<u>1' 9 1/2"</u>
Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the deck with side. } <u>1 1/2"</u>	
Winter Freeboard from deck line† .....	<u>1' 10 1/2"</u>
Summer " " " " .....	<u>1' 8 1/2"</u>
N. A. Winter, " " " " .....	<u>2' 0 1/2"</u>

\* 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.
	x			x		
	x			x		

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? ✓

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

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

Are efficient Doors fitted to the Passage Ways? ✓

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 forecassette.

The approved midship section & profile plans are forwarded herewith

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

*2 Plans  
JRB  
returned 8/1/01*

Owners .....

Address .....

Fee £ ✓ : : Received by me ✓

