

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

SURVEYS FOR FREEBOARD.

WED. 13 JAN 1904

ARTICULARS 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 *Antwerp*
Date of Survey *Jan: 9th 1904*
Name of Surveyor *H. P. Cornish*

Antwerp Naval Authorities
No. 23-

Ship's Name. *"Rosina"* Gross Tonnage. *2573.33* Official Number. *Green 308 Rule 18th laid* Date of Build. *1904* Particulars of Classification. *class contemplated 100 A.1.*

Registered Length *318* Breadth *44.6* Depth *20.79*
Length on Loadline *319 as measured off ship.*
Breadth *44.6*
Depth *20.79* *21.08 to inner bottom*
Tons *2411.63*
und. Dk. *2431.63*
1280466
995918
284548
295787.646 *2431630000* *1.822*
2366301168
653288320
591575292
60713028

Co-efficient of fineness *82.81*
Any modification necessary *Cell 513. 60713028*
[Para. 4 (a) to (e)] *Net frame*
Co-efficient as corrected *80.2* *say 80*
79

Sheer at Stem *87*
at Sternpost *43* *130 ÷ 2 = 65* Mean *62.75 if gradual*
Sheer at $\frac{1}{2}$ of the length from Stem *47*
Sternpost *20* *67 ÷ 2 = 33.5*
Standard Sheer (Table, Para. 16) *41.9*
Difference *20.83* *÷ 4 = 5.2075*
19.0 *- 5.2 = 13.8*
4.4

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 *2' 9 1/4"*
Correction for Length, if required (Para. 12 and 13) *+* *2 1/4"*
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12 and 13) *5' 0 1/4"*
Difference *2' 0 1/4"*
Percentage as below *75.2%*

Correction of R. Q. Dk. less than 4ft. high, or if engine and boiler openings not covered by bridge house *✓*
*Allowance for Deck Erections *1' 7"*

	Length.	Length allowed.	Height.
Forecastle	<i>37' 0"</i>	<i>37' 0"</i>	<i>7' 3"</i>
Bridge House	<i>200' 0"</i>	<i>200</i>	<i>"</i>
Raised Q. Dk.	<i>34.8</i>	<i>34.8</i>	<i>"</i>
Poop	<i>34.8</i>	<i>34.8</i>	<i>"</i>
Total	<i>271.8</i>	<i>271.8</i>	<i>852</i>

Length of Ship *319*
Corresponding percentage (Para. 12, 13) *75.2%*

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 *23' 6"*
CORRECTION FOR LENGTH:—
Length of Ship on load line *319*
Length in Table *282*
Difference *37*
Correction for 10ft., Table A *1.3* Table C *.6*
× Difference^o divided by 10 *4.81* (if required.) *say + 2 1/4*
If $\frac{1}{10}$ the length covered divide *say + 4 3/4*

CORRECTION FOR IRON DECK:—
Proportion covered, if less than $\frac{1}{10}$ ths length covered *85.2 covered*
Thickness of usual wood deck, less stringer *4 1/2 = 3 1/2*
- 3 1/2"

CORRECTION FOR ROUND OF BEAM:—
Round of Beam *11 1/2*
Normal round *11 1/2*
Difference *1 1/2* *÷ 2 = 3/4*
Proportion of Deck uncovered (Para. 17) *.148*

Freeboard, Table A	<i>5' 11" 0 1/2</i>
Correction for Sheer	<i>- 5 1/4"</i>
Correction for Length	<i>4' 7 3/4"</i>
Allowance for Deck Erections	<i>5' 0 1/4"</i>
Correction for Round of Beam	<i>- 3' 5 1/2"</i>
Correction for Iron Deck (if required)	<i>- 3 1/2"</i>
Additions for non-compliance with provisions of Para. 11 (e) and (f) <i>✓</i>	<i>3' 1 1/4"</i>
Other corrections (if any)	
Winter Freeboard	<i>3' 1 1/8"</i>
Summer Freeboard	<i>2' 7 1/8"</i>
N. A. Winter Freeboard	<i>3' 4 1/4"</i>
Correction necessary because clear side amidships measured in accordance with the Statutes is not taken at the intersection of the deck with side.	<i>2"</i>
Winter Freeboard from deck line [†]	<i>3' 3 7/8"</i>
Summer " " " "	<i>3 1 1/8"</i>
N. A. Winter, " " " "	<i>3' 6 1/4"</i>

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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 = 4.8 $\frac{1}{2}$

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? *Channel frames to Poop B. & F. decks*

Has the Poop or ~~Raised Quarter Deck~~ an efficient Iron Bulkhead at its fore end? *Portable doors*

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? *Yes*

Are efficient Doors fitted to the Passage Ways? *Portable doors at after end*

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

Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes, but portable doors.*

Are efficient Doors fitted to the Passage Ways? *Portable doors in bulkhead*

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

Has the Forecastle an efficient Iron or ~~Wood~~ Bulkhead at its after end? *Yes, hinged door.*

Are the Hatchways efficiently constructed? *Yes* State the height of the Coamings *3 feet*

Are the Hatches solid? *Yes* What is their thickness? *3 1/2"*

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

State any special features in the construction of the Vessel

2 Plans submitted 19/1/04

Owners

Kress Entvicens Bros

Address

Fee £

Received by me



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