

Rpt. No. 30960  
Manning

Verification.

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.-STEAM SHIPS.

31608

PARTICULARS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH TOP GALLANT FORECASTLES, SHORT POOPS AND BRIDGE HOUSES DISCONNECTED, OR WITH TOP GALLANT FORECASTLES HAVING LONG POOPS, OR RAISED QUARTER DECKS CONNECTED WITH BRIDGE HOUSES, OR OTHERWISE.

Port of Survey Newcastle-on-Tyne.  
Date of Survey Whitby building,  
Name of Surveyor S.J. Robson.

Ship's Name <u>ABEILLE N<sup>o</sup> 21.</u> <u>P. RENOLDSONS. N<sup>o</sup> 325.</u> Number in Register Book	Port of Registry and Nationality. <u>Havre.</u> <u>French.</u>	Official Number.	Gross Tonnage. <u>250</u> <u>approx.</u>	Date of Build. <u>1925.</u>	Particulars of Classification. <u>+100 A1. For towing purposes</u> <u>Contemplated.</u>
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Registered dimensions from Ship's Register.	LENGTH. <u>110.5</u>	BREADTH. <u>25.65</u>	DEPTH. <u>12.5</u>	UNDER DECK TONNAGE. <u>219.70</u>
Length on LOADLINE.	<u>110.5</u>	Frame Depth Rule <u>3</u> <u>2 1/2</u> <u>no cargo bottom + .33</u>	Ceiling <u>+ .20</u> Sheer <u>+ .10</u>	Peak Tanks <u>Deep floors in E.S.</u> <u>+ 4 Tons</u>
CORRECTED DIMENSIONS.	<u>110.5</u>	<u>25.57</u>	<u>13.9</u>	<u>223.70</u>

Moulded Depth as measured..... 13.6"  
3" wood deck fitted.  
Addition for Keel below base line for draught record..... 7 inches.

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

Co-efficient of fineness..... .595  
Any modification necessary [Para. 4 (a) to (e)]\*  
Co-efficient as corrected ..... .68 lowest in table.

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....	<u>110.5</u>
Length in Table .....	<u>162.0</u>
Difference .....	<u>52.5</u>
Correction for 10ft., Table A. ....	<u>.9</u> Table C.
× Difference divided by 10 .....	<u>4.72</u> (if required.)
If 1/10ths length covered divide by 2	<u>- 2 3/4</u>

Sheer { Stem..... 33"  
at { Sternpost ... 46" } 79" ÷ 2 = 39.5 ... Mean 39.5 + 42.72 = 41.11

Sheer at 1/2 of the length from { Stem 17 1/2  
Sternpost 29 1/2 } 47" ÷ 2 = 23.5 ... Mean 23.5 + 42.72 = 42.72

Gradual mean Sheer ..... 41.11  
Standard mean Sheer [Table, Para. 18] ..... 21.05 Correction 36 | 21.72  
Difference..... 20.16 20.16 ÷ 4 = 5.04  
§ If limited as Para. 18 (f) ..... 10.58 10.58 ÷ 4 = 2.645 - 2 3/4

CORRECTION FOR IRON DECK.  
Proportion covered, if less than 1/10ths length covered .....  
Thickness of usual wood deck, less stringer .....

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....	<u>25.6</u>
Round of Beam .....	<u>6 1/2</u>
Normal round.....	<u>6 1/4</u>
Difference .....	<u>1/4</u> ÷ 2 = <u>1/8</u>
Proportion of Deck uncovered (Para. 19) .....	<input checked="" type="checkbox"/>

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

Rise in Sheer from amidships [Para. 18 (e)] { At front of bridge house.....  
At after end of forecastle .....

Fall in Sheer [Para. 18 (d)] ÷ 2 =  
Length uncovered ..... Correction

Freeboard, Table A .....	<u>2.0</u>
Correction for Sheer .....	<u>- 2 3/4</u>
Correction for Length .....	<u>1.9 3/4</u>
Allowance for Deck Erections .....	<u>- 4 3/4</u>
Correction for Round of Beam.....	<u>1.4 3/4 1/2</u>
Correction for fall in Sheer (if any).....	<input checked="" type="checkbox"/>
Correction for Iron Deck (if required) .....	<input checked="" type="checkbox"/>
Additions for non-compliance with provisions of Para. 11 (d) and (e) †	
Other Corrections (if any) <u>Trim by stem 5.0" + 2"</u>	<u>1.6 3/4 1/2</u>
Winter Freeboard .....	<u>1.6 3/4 1/2</u>
Summer Freeboard .....	<u>1.5 3/4</u>
Indian Summer Freeboard .....	<input checked="" type="checkbox"/>
N. A. Winter Freeboard .....	<input checked="" type="checkbox"/>

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C.....	<input checked="" type="checkbox"/>
Correction for Length, if required (Para. 12, 13, and 14) .....	<input checked="" type="checkbox"/>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) }	<input checked="" type="checkbox"/>
Difference .....	<input checked="" type="checkbox"/>
Percentage as below.....	<input checked="" type="checkbox"/>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) }	<input checked="" type="checkbox"/>
Allowance for Deck Erections .....	<input checked="" type="checkbox"/>

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. Nil (French)

	Length.	Length allowed.	Height.
Forecastle.....			
Bridge House .....			
† Raised Qr. Dk.....			
Poop.....			
Total .....			
Length of Ship .....			
Corresponding percentage (Para. 11, 12, 13, or 14)			

*Flush Deck*

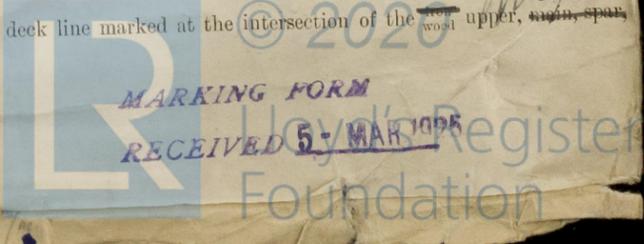
Freeboard in fresh water Summer ...	<u>349</u> m/m	<u>1" 1 3/4</u>
" " Indian sea in Summer .....	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
" " Summer (centre of the disc) ...	<u>432</u> m/m	<u>1.5</u>
" " Winter ...	<u>470</u> m/m	<u>1" 6 1/4</u>
" " Winter, North Atlantic .....	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

FREEBOARD recommended amidships from centre of Disc to top of Statutory D  
Fresh Water Line above centre of Disc  
Indian Summer Line " " "  
Winter Line below " "  
Winter North Atlantic Line " " "

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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.  
§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and stern-post. In vessels having poops and forecastles, it means the sheer measured at points distant one-eighth of the vessel's length from stem and stern-post.

Displacement = 538 Tons.  
Ton per inch = 5.42



Do all the Frames extend to the top height in the Poop?  Raised Quarter Deck?  Bridge House?  Forecastle?

To what height do the Reverse Frames extend? *Bull Angle Framing.*

Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

Is the Poop or Raised Quarter Deck connected with the Bridge House?  Has the Bridge House an efficient Bulkhead at the fore end?

Give particulars of the means for closing the openings in Bulkhead

What is the thickness of the Bridge Front plating?  and Coaming plate?

Give scantlings and spacing of the Stiffeners

Are bracket plates fitted at each end of the Stiffeners?  Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks?

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

How are the openings closed?

Is the Forecastle at least as high as the main or top-gallant rail?  Has the Forecastle an efficient Iron or Wood Bulk'd. at after end?

Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse?

If the openings are not so protected are the exposed parts of the Casings efficiently constructed? *yes.*

Give thickness of plating; scantlings and spacing of Stiffeners *24" Stiffeners 3 x 2 1/2 x 24 spaced 30"*

What is the height of the exposed Casings? *7'0" x 3'0"* Are suitable means provided for closing all openings in them in bad weather? *yes.*

Are the Weather Deck Hatchways efficiently constructed and at least equal to the requirements of Section 28 of the Rules for 1904-5? Give particulars below:—

Position and Size.		Ship.	Rule.								
COAMING.	Height above top of DECK										
	Thickness { Sides..... { Ends.....										
SHIFTING BEAMS OR WEB PLATES.	Number .....										
	Section and Scantlings .....										
	Material .....										
* FORE AND AFTERS.	Number .....										
	Section and Scantlings .....										
	Material .....										
HATCHES	Thickness .....										
	Remarks.....										

*no cargo hatchways*

\* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

(If the sill of the lowest side scuttle will be less than 6 inches above the Indian Summer Load Line if assigned under the tables, state vertical distance from top of deck at side amidships to lower edge of lowest side scuttle.)

The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

What is the thickness of the Bridge Sheerstrake? \_\_\_\_\_ Strake between Main and Bridge Sheerstrakes? \_\_\_\_\_

Delete the words } The Crew are, are not, berthed in the bridge house.  
that do not apply } The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.

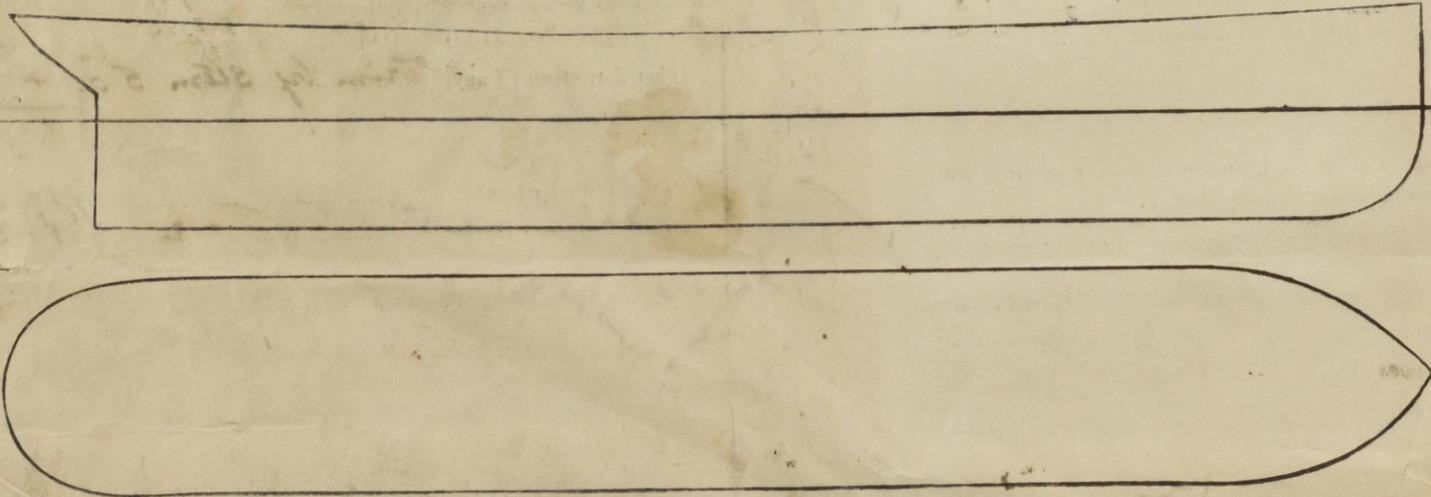
Length of Bulwarks in well \_\_\_\_\_

Area of Freeing Ports required by Para. 11 (e) each side of vessel = \_\_\_\_\_ Sq. ft.

Ft. Tenths. Ft. Tenths. No.  
2 5 x 1 25 x 5

Freeing Ports (each side of vessel) = *15.62* } *class only* Sq. ft.

Total deficiency or excess = \_\_\_\_\_ Sq. ft.



Show hereon line of Floors or Tank Top with position of any Breaks in same; also height of Peak Tank tops, &c., &c.

This vessel has been built in accordance with the approved plans. State any special features in the construction of the Vessel *A sketch showing sheers is enclosed.*

Builder's name and yard number *Messrs J.P. Renoldson & Sons Ltd No 325.*

Names of sister vessels *This vessel is 5'0" longer than the same builder No 322-3, but in other respects is similar.*

Owners *Compagnie de Remorquage et de Sauvetage des Abilles*

Address \_\_\_\_\_

Fee £ 2 : 0 : 0

Received by me *See P.B. Report.*



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