

12 NOV 1925

Index No. 31881  
(For London Office only.)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD - STEAM SHIPS

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.

By Lloyd's Surveyor No. 10

Ship's Name.  
**O. A. KNUDSEN**

Number in Register Book

Port of Registry  
and Nationality.  
Haugesund  
NorwegianOfficial  
Number.Gross  
Tonnage.  
**9026**Date of Build.  
**1925**Port of Survey  
Date of Survey  
Name of SurveyorFlagship  
11 Nov. 1925  
Mr. GlencanaParticulars of Classification.  
+ 100%  
Carrying Petroleum in Bulk

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<b>470</b>	<b>62-2</b>	<b>35-3</b>	<b>8268-61</b>
Length on LOADLINE.	<b>469-25</b>	Frame Depth 10' Rule <b>72-62</b>	No. 20 Ceiling <b>72-62</b> Sheer <b>+1-02</b> 22-32 42-32 20-33 36-52	Tank Double Bottom <b>08-68</b>
CORRECTED DIMENSIONS.	<b>469-25</b>	<b>61-95</b> , <b>62-11</b>	<b>35-50</b>	<b>8336-61</b>

Co-efficient of fineness.....

**-80- .783**Any modification necessary  
[Para. 4 (a) to (e)]\*Bolt Angle Bottom Frames and  
Long Girder

Co-efficient as corrected.....

**-80- .79**

Sheer { Stem.....	<b>127</b>	<b>190</b> ÷ 2 = <b>95</b>	<b>1-02</b>	<b>36 1/86.94</b>
at Sternpost.....	<b>63</b>			
Sheer at $\frac{1}{2}$ of the length from Stem.....	<b>68 3/4</b>	<b>103 3/4</b> ÷ 2 = <b>51.62</b>		
Sternpost.....	<b>342</b>			
Gradual mean Sheer .....		<b>91 93.86</b> ÷ <b>55</b> = <b>93.86</b>		
Standard mean Sheer [Table, Para. 18] .....		<b>56.92</b>	Correction	
Difference.....		<b>34.1</b> ÷ 4 = <b>8.52</b>	<b>9.23</b>	
§ If limited as Para. 18 (f) .....			<b>36.94</b>	<b>-9 1/4"</b>

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

ALLOWANCE FOR DECK ERECTIONS :—				
Freeboard, Table C... (9'-6 1/4 - 8'-3)		<b>6-5 1/2</b>	<b>3 1/2</b>	
Correction for Length, if required (Para. 12, 13, and 14)		<b>+ 1 1/2</b>	<b>4 1/2</b>	
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14)		<b>6-4 1/2</b>	<b>7 3/4</b>	
Difference .....		<b>9-8 3/4</b>	<b>6 1/2</b>	
Percentage as below.....		<b>2-11 1/2</b>	<b>10 3/4</b>	
		<b>22-12</b>	<b>22-12 1/2%</b>	
		<b>= 7.8</b>	<b>7.69</b>	

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	
Allowance for Deck Erections .....	<b>- 7 3/4</b>

Length.	Length allowed.	Height.
Forecastle.....	<b>40-0</b>	<b>7-5</b>
Bridge House.....	<b>32-5</b>	<b>7-5</b>
† Raised Qr. Dk.....	<b>93-5</b>	<b>7-5</b>
Poop.....	<b>93-5</b>	<b>7-5</b>
Total .....	<b>166-0</b>	<b>35-3/4</b>
Length of Ship .....	<b>469-25</b>	<b>354</b>
Corresponding percentage (Para. 12, 13, and 14)	<b>22-12%</b>	<b>22-12%</b>

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

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

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 amidships 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.

Port of Survey  
Date of Survey  
Name of SurveyorParticulars of Classification.  
+ 100%  
Carrying Petroleum in Bulk

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

Moulded Depth as measured.....  
Rule wood deck last.....  
Addition for Keel below base line for draught record.....  
34-9 3/2  
34-5 1/2 true

CORRECTION FOR LENGTH.

Length of Ship on Loadline.....  
Length in Table .....

Difference .....

Correction for 10ft., Table A. ....

x Difference divided by 10 .....

If  $\frac{1}{10}$ ths length covered divide by 2 .....

+ 9 1/2" .....

CORRECTION FOR IRON DECK.

Proportion covered, if less than  $\frac{1}{10}$ ths length covered .....

Thickness of usual wood deck, less stringer .....

Allowed in reduced Med. Depth. ....

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships.....

Round of Beam .....

Normal round.....

Difference .....

Proportion of Deck uncovered (Para. 19) .....

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

Freeboard, Table A .....

Correction for Sheer .....

Correction for Length .....

Allowance for Deck Erections .....

Correction for Round of Beam .....

Correction for Fall in Sheer (if any) .....

Correction for Steel Deck (if required) .....

Additions for non-compliance with provisions of Para. 11 (d) and (e) .....

Other Corrections (if any) .....

Winter Freeboard .....

Summer Freeboard (6-7) .....

Indian Summer Freeboard .....

N. A. Winter Freeboard .....

Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the ~~wood~~ or steel deck with side.

Winter Freeboard from deck line .....

Summer " " " "

Indian Summer " " "

N. A. Winter " " "

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

The Surveyor should state whether the fall in sheer as measured relatively to the straight line of keel or to the water line. If measured relatively to water line the vessel's draft at time of survey, and also the usual load draft for port and starboard should be reported.

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Do all the Frames extend to the top height in the Poop? Yes  
 Raised Quarter Deck? ✓  
 Bridge House? Yes  
 Forecastle? Yes  
 To what height do the Reverse Frames extend?  
 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?  
 Give particulars of the means for closing the openings in Bulkhead  
 What is the thickness of the Bridge Front plating? .40 and Coaming plate? .44  
 Give scantlings and spacing of the Stiffeners 9 x 3 x .46 BA spaced 27' 6" 30"  
 Are bracket plates fitted at each end of the Stiffeners? Cugged  
 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? wood shifting board fitted in riveted channel.  
 Is the Forecastle at least as high as the main or top-gallant rail? No  
 Has the Forecastle an efficient Iron or Wood Bulk'd. at after end? Yes  
 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?  
 Give thickness of plating; scantlings and spacing of Stiffeners  
 What is the height of the exposed Casings?  
 Are suitable means provided for closing all openings in them in bad weather?  
 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.	Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	N <sup>o</sup> 1 Forward 15.9 x 12.0								
Height above top of DECK	33	30							
Thickness { Sides	.44	.44							
Ends	.44	.44							
SHIFTING BEAMS ON WEB PLATES.	Number 2 Section and Scantlings 11x30								
Material aft 3x3x40 Sill									
* FORE AND AFTERS.	Number Section and Scantlings Material								
HATCHES Thickness	2 1/2								
Remarks									

\* 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 Rule.

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 forward. 111-6 aft. 193-6

Area of Freeing Ports required by Para. 11 (e) each side of vessel

Ft. Tenth. Ft. Tenth. No.

Forward. { 5-0 x 1.5 x 4  
              2.0 x 1.3 x 1

Aft { 5-0 x 1.5 x 6  
      2.0 x 1.3 x 1

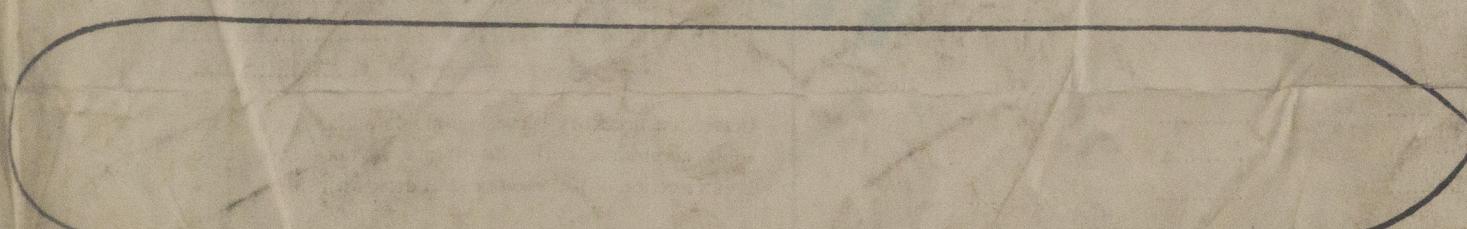
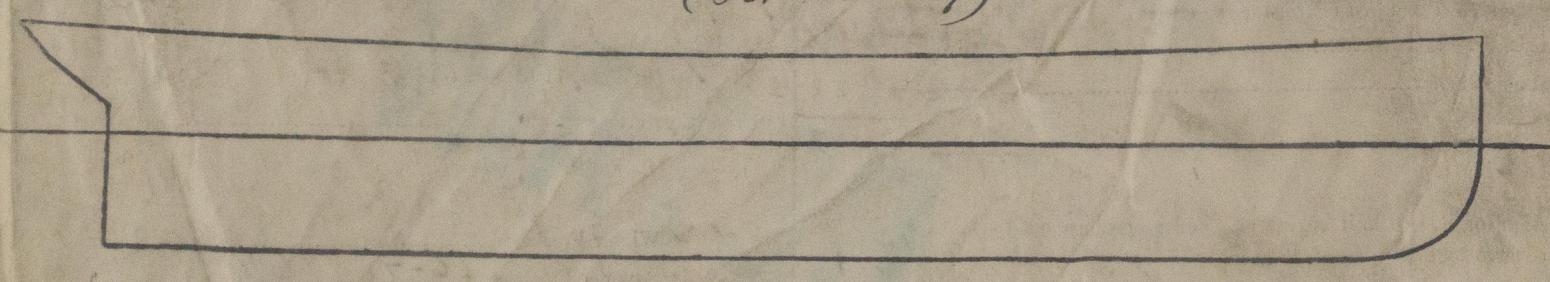
Freeing Ports  
(each side of vessel)

{ forward. 22-3  
aft 28-7 Sq. ft.

{ forward. 32-6  
aft. 47-6 Sq. ft.

Total deficiency or excess = 10.3 forward 18.9 aft Sq. ft.

(For Class only)



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

State any special features in the construction of the Vessel

Builder's name and yard number Blythwood & Co. no 10

Names of sister vessels

Owners Sampson & Skinner Jeanette Skinner

Address

Fee £ 15 : - : -

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