

Verification

EXT

Robt. 13/9/32

Vancouver A/S No. 656

Rpt. 11b.

Index No. 26031  
(For London Office only.)

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.—STEAM SHIPS.

PARTICULARS RELATING TO ALL STEAM SHIPS ~~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 Vancouver, B.C.  
Date of Survey June 14<sup>th</sup> 1918  
Name of Surveyor Gas Runney.

J. Boughlan & Son

P.S. No. 1

Port of Registry and Nationality.

Official Number.

Gross Tonnage.

Date of Build.

Particulars of Classification.

Number in Register Book

London  
Hampshire  
British

142664

5825

1918

#100 A1 (class contemplated)

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>410.5</u>	<u>54'0"</u> <u>54'-1.22</u>	<u>27.5</u>	<u>5129.55 including peaks</u>
Length on LOADLINE.	<u>410'00</u>	Frame Depth <u>10</u>	Ceiling <u>filled</u>	Peak FP <u>45.94</u>
		Rule <u>6</u>	Sheer <u>+ 1.38</u>	Tanks AP <u>94.26</u>
		<u>2 x 4 = - .66</u>	<u>4</u> Tank top <u>4</u> drop	
CORRECTED DIMENSIONS.	<u>410'00</u>	<u>53.44</u>	<u>28.70</u>	<u>5129.55</u>

Moulded Depth as measured 29'9"  
 Addition for Keel below base line for draught record 2.74 inches.

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

Co-efficient of fineness .8281 (816)  
 Any modification necessary [Para. 4 (a) to (e)]\* .02  
 Co-efficient as corrected .8279

CORRECTION FOR LENGTH.

Length of Ship on Loadline	<u>410'00"</u>
Length in Table	<u>387'00"</u>
Difference	<u>23'00"</u>
Correction for 10ft., Table A.	<u>1.5</u>
× Difference divided by 10	<u>2.25</u>
If 1/10ths length covered divide by 2	<u>+ 1.125</u>

Sheer { Stem 141 } 2 1/2 ÷ 2 = 106 Mean 36/149.9  
 at { Sternpost 71 } 1.38

Sheer at 1/2 of the length from { Stem 70.0 } 111.0 ÷ 2 = 55.5 Mean  
 { Sternpost 41.0 } 100.9 + 55% = 100.9

Gradual mean Sheer 106 + 100.9 = 103.45  
 Standard mean Sheer [Table, Para. 18] 51.0 Correction  
 Difference 49.9 ÷ 4 = 12 1/2

§ If limited as Para. 18 (f) 12.475

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/3rds length covered .50  
 Thickness of usual wood deck, less stringer 3 1/2  
3 1/2 x .50 = 1.75 = - 1 3/4

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

Fall in Sheer { Para. 18 (d) } + 2 =  
 Length uncovered  Correction

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships	<u>54'0"</u>
Round of Beam	<u>13 1/2"</u>
Normal round	<u>13 1/2"</u>
Difference	<u>0</u>
Proportion of Deck uncovered (Para. 19)	<u>0</u>

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

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C	<u>4-4.0</u>
Correction for Length, if required (Para. 12, 13 and 14)	<u>+ 4 1/2</u>
Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14)	<u>4-2.23</u>
Difference	<u>2.68</u>
Percentage as below	<u>32%</u>
Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)	<u>9.60</u>
Allowance for Deck Erections	<u>9.60</u>

Freeboard, Table A	<u>4-6.75</u>
Correction for Sheer	<u>1-0.47</u>
Correction for Length	<u>4.95</u>
Allowance for Deck Erections	<u>9.60</u>
Correction for Round of Beam	<u>6-4.63</u>
Correction for fall in Sheer (if any)	<u>0</u>
Correction for Iron Deck (if required)	<u>- 1 3/4</u>
Additions for non-compliance with provisions of Para. 11 (a) and (c) †	<u>0</u>
Other Corrections (if any)	<u>0</u>

	Length.	Length allowed.	Height.
Forecastle	<u>47'0"</u>	<u>47'0"</u>	<u>8'0"</u>
Bridge House	<u>114'75"</u>	<u>114'75"</u>	<u>8'5"</u>
† Raised Q. Dk.			
Poop	<u>43'75"</u>	<u>43'75"</u>	<u>7'75"</u>
Total		<u>205'30"</u>	<u>150"</u>
Length of Ship	<u>410</u>		

Winter Freeboard	<u>6'-3 1/2"</u>
Summer Freeboard	<u>5'-7 1/2"</u>
Indian Summer Freeboard	<u>5'-4 1/2"</u>
N. A. Winter Freeboard	<u>5'-11 1/2"</u>
Correction necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the <u>iron</u> or iron deck with side.	<u>+ 1 3/4</u>
Winter Freeboard from deck line	<u>6'-3 1/2"</u>
Summer " " " "	<u>5'-11 1/2"</u>
Indian Summer " " " "	<u>5'-6 1/2"</u>
N. A. Winter " " " "	<u>5'-11 1/2"</u>

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

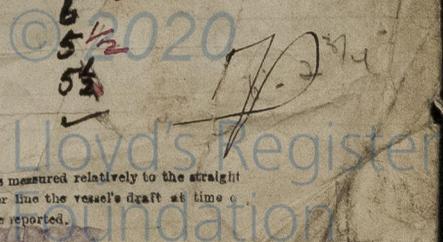
Fresh Water Line	above centre of Disc	<u>5 1/2"</u>
Indian Summer Line	" " "	<u>5 1/2"</u>
Winter Line	below " " "	<u>5 1/2"</u>
Winter North Atlantic Line	" " "	<u>5 1/2"</u>

Winter Freeboard from deck line 5'-11 1/2"  
 Summer " " " " 5'-11 1/2"  
 Indian Summer " " " " 5'-11 1/2"  
 N. A. Winter " " " " 5'-11 1/2"

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

† The Surveyor should state whether the fall in sheer as reported is 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 forward and aft, should be reported.

2800-341500-1511600



RECEIVED 20-8-18 & 16.10.18

Do all the Frames extend to the top height in the Poop? *Yes* Raised Quarter Deck? *Yes* Bridge House? *Yes*  
 To what height do the Reverse Frames extend? *All to Upper Deck, alternate to Fore*  
 Has the Poop ~~Raised Quarter~~ Deck an efficient Iron Bulkhead at the fore end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *Steel hinged doors*  
 Is the Poop ~~Raised Quarter~~ Deck connected with the Bridge House? *No* Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 Give particulars of the means for closing the openings in Bulkhead *Steel hinged WJ doors*  
 What is the thickness of the Bridge Front plating? *.40* and Coaming plate? *.44*  
 Give scantlings and spacing of the Stiffeners *13x4x4x32 in way of doors. 8x3 1/2 x 3 1/2 x 27-1 lbs*  
 Are bracket plates fitted at each end of the Stiffeners? *Large angle clips* Are hor'l. brackets fitted connecting Bridge House to Bulkhead? *Yes*  
 Has the Bridge House an efficient Iron Bulkhead at the after end? *Yes*  
 How are the openings closed? *with portable steel plates secured with dog bolts 12" apart in recessed channels full height of coamings*  
 Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Iron Bulkhead at the fore 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? *By Bridge House*  
 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? *Yes* Give particulars below: *Bridge*

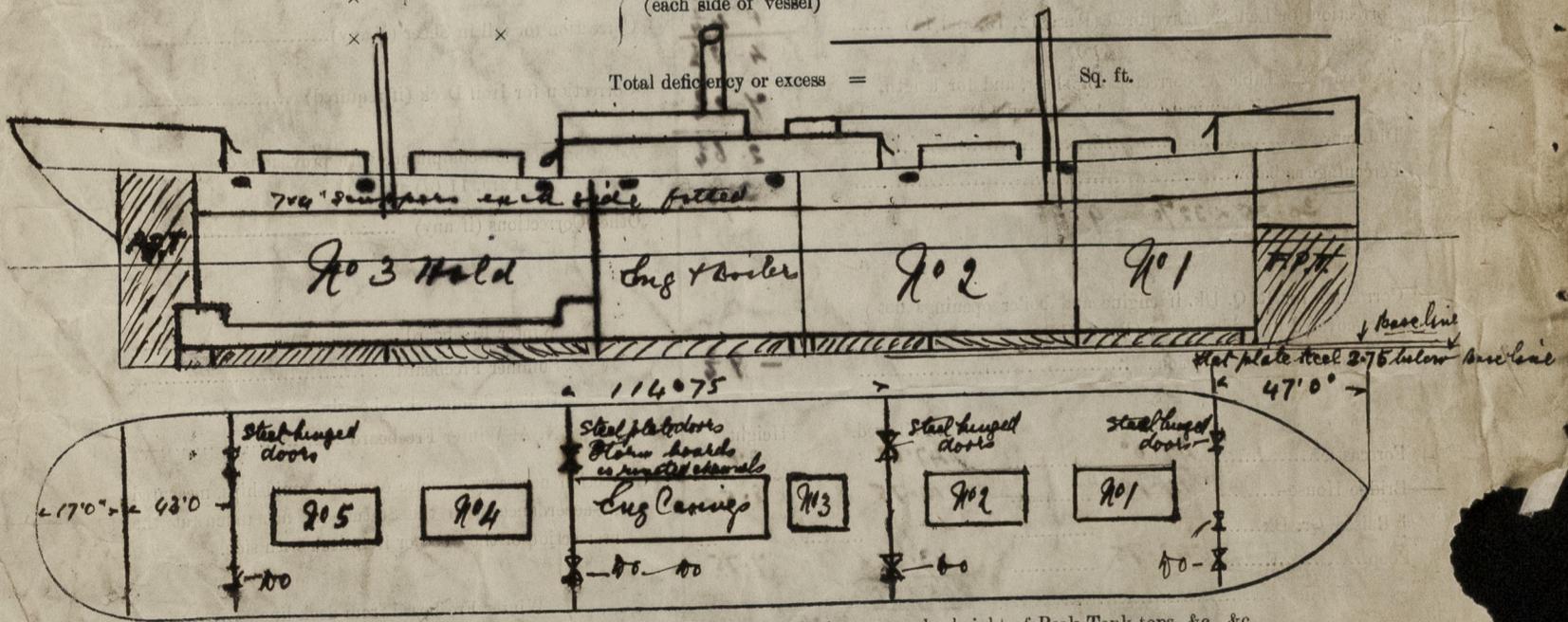
Position and Size.	No. 1 - 31'6" x 21'0"		No. 2 - 31'6" x 21'0"		No. 3 - 15'9" x 17'0"		No. 4 - 31'6" x 21'0"		No. 5 - 31'6" x 21'0"	
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING										
Height above top of DECK	36"	36"	36"	36"	33"	33"	36"	36"	36"	36"
Thickness	Sides.....	.50	.50	.50	.50	.50	.50	.50	.50	.50
	Ends.....	.50	.50	.50	.50	.50	.50	.50	.50	.50
SHIPPING BEAMS OR WEB PLATES	Number.....	6	6	6	6	3	3	6	6	6
	Section and Scantlings.....	17 1/2 x 36 4x3x9 1/2 DA	14 1/2 x 36 4x3x9 1/2 DA							
	Material.....	Steel								
* FORE AND AFTERS	Number.....									
	Section and Scantlings.....	36"	36"	36"	36"	36"	36"	36"	36"	36"
	Material.....	Steel								
HATCHES Thickness	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
Remarks.....	Good		Good		Good		Good		Good	

\* 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 \_\_\_\_\_ Sq. ft.  
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = \_\_\_\_\_ Sq. ft.  
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = \_\_\_\_\_ 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.

State any special features in the construction of the Vessel *This vessel is constructed with a Poop Bridge & Fore & Aft Decks*  
*Request form is herewith attached.*

Owners *Knut Knutsen*  
 Address *Chartered to Furuseth & Wisthys*  
 Fee £ *\$50.00* Received by me

