

Verification

EXT

Rot.
13/9/32

Vancouver Apr 26 1918

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 ~~ENTERED UNDER DECKED~~ 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 14th 1918

Name of Surveyor James Murray

J. Boughlan & Son
P.S. No. 1

ELL COUNTY ex Alaska

Number in Register Book

Port of Registry
and Nationality.

Official
Number.

Gross
Tonnage.

Date of Build.

Particulars of Classification.

London
Hampshire
British
Registered

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>54.122</u>	<u>24.5</u>	<u>5129.55 including peaks</u>
Length on LOADLINE.	<u>410.00</u>	Frame Depth <u>10</u> Rule <u>"</u>	Ceiling <u>filled</u> Sheer <u>+ 1.38</u> <u>4</u> Tank top <u>4</u> drop <u>2 x 4 = - .66</u> <u>Depth to tank</u> <u>27.10</u> <u>28.70</u>	Peak FP <u>45.94</u> Tanks AP <u>94.26</u>
CORRECTED DIMENSIONS.	<u>410.00</u>	<u>53.44</u>	<u>28.70</u>	<u>5129.55</u>

Co-efficient of fineness..... .8281 (.816)

Any modification necessary
[Para. 4 (a) to (e)]* .02

Co-efficient as corrected8279

Sheer { Stem..... 141 } 212 ÷ 2 = 106 ... Mean
at { Sternpost ... 71 }

Sheer at $\frac{1}{2}$ of the length from { Stem 70.0 } 111.0 ÷ 2 = 55.5 ... Mean
{ Sternpost 41.0 }

Gradual mean Sheer 106 + 100.9 100.9 + 55% = 100.9

Standard mean Sheer [Table, Para. 18] 51.0 Correction

Difference..... 49.9 ÷ 4 = 12.5

§ If limited as Para. 18 (f) 12.475

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

¶ Fall in Sheer {
Para. 18 (d) { + 2 =

Length uncovered ✓ Correction

ALLOWANCE FOR DECK ERECTIONS :-

Freeboard, Table C..... 4 - 4.0 4.4

Correction for Length, if required (Para. 12, Table A) + 4.6

Freeboard by Table A, corrected for sheer, and for length, if required (Para. 12, Table A) 4 - 8.24

Difference 4 - 2.23

Percentage as below..... 2 - 5.99

30.25 x 32% = 9.68

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) 9.60

Allowance for Deck Erections 9.60

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) 9.60

Allowance for Deck Erections 9.60

Length..... 47.0

Length allowed..... 47.0

Height..... 8.0

Forecastle..... 114.75

Bridge House..... 114.75

† Raised Q. Dk..... 43.75

Poop..... 43.75

Total..... 205.50

Length of Ship..... 410

Corresponding percentage { = 32% ✓

(Para. 12, 13, or 14)

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

Fresh Water Line above centre of Disc

Indian Summer Line " " "

Winter Line below " " "

Winter North Atlantic Line " " "

7.18

mes, skin planking, or ceiling are of unusual thickness the breadth of vessel to inside

ing should be reported if possible.

aining an allowance for deck erections under Para. 11 where the sheer drops about amid-

height of the R.Q.D. is to be taken from the level of the top of the amidship beam.

ed vessels the total standard mean sheer means the sheer measured at the stem and stern-

50 - 10.5
3 - 8.5
Moulded Depth as measured..... 29.9"
to tank top

Addition for Keel below base line
for draught record..... 2.74 inches.

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 410.00 ✓

Length in Table 387.0 ✓

Difference 53.0 ✓

Correction for 10ft., Table A. 1.5 ✓ Table C. .8 ✓

x Difference divided by 10 7.95 (if required.) 4.24 ✓

If $\frac{1}{10}$ ths length covered divide by 2 + 8 ✓ + 4.6 ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered50

Thickness of usual wood deck, less stringer 3.5

.48 in. br. 3.5 x .50 = 1.75 = - 1.75 ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 54.0"

Round of Beam 13.5

Normal round..... 13.5

Difference ÷ 2 =

Proportion of Deck uncovered (Para. 19)

Freeboard, Table A 4 - 6.75

Correction for Sheer 1 - 0.47

..... 6 - 6.28

Correction for Length 4.95

..... 7 - 2.23

Allowance for Deck Erections 9.60

..... 6 - 4.63

Correction for Round of Beam.....

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

Correction for Iron Deck (if required)

..... - 1.75

..... 6 - 8.75

Additions for non-compliance with provisions of

Para. 11 (a) and (c) †

Other Corrections (if any)

Winter Freeboard..... 6 - 3.5

Summer Freeboard..... 5 - 9.34

Indian Summer Freeboard..... 5 - 4.5

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 iron deck with side. + 1.75 ✓

Winter Freeboard from deck line 6.5 4.24

Summer " " " 5 - 11.5

Indian Summer " " " 5 - 6.5

N. A. Winter " " " 5 - 11.5

..... 5 - 11.5

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..... 5 - 11.5

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 WY 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. 8x3x3x27-1 lbs*
 Are bracket plates fitted at each end of the Stiffeners? *Large angle clips* Are hor'l. brackets fitted connecting Bridge House with 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 riveted 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 1904-5? *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.
Height above top of DECK	36"	36"	36"	36"	33"	33"	36"	36"	36"	36"
Thickness	.50	.50	.50	.50	.50	.50	.50	.50	.50	.50
SHIPPING BEAMS OR WEB PLATES										
Number	6	6	6	6	3	3	6	6	6	6
Section and Scantlings	17x36 4x3x9 1/2 DA	17x36 4x3x9 1/2 DA	17x36 4x3x9 1/2 DA	17x36 4x3x9 1/2 DA	17x36 4x3x9 1/2 DA	17x36 4x3x9 1/2 DA	17x36 4x3x9 1/2 DA	17x36 4x3x9 1/2 DA	17x36 4x3x9 1/2 DA	17x36 4x3x9 1/2 DA
Material	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
* FORE AND AFTERS										
Number										
Section and Scantlings										
Material										
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?

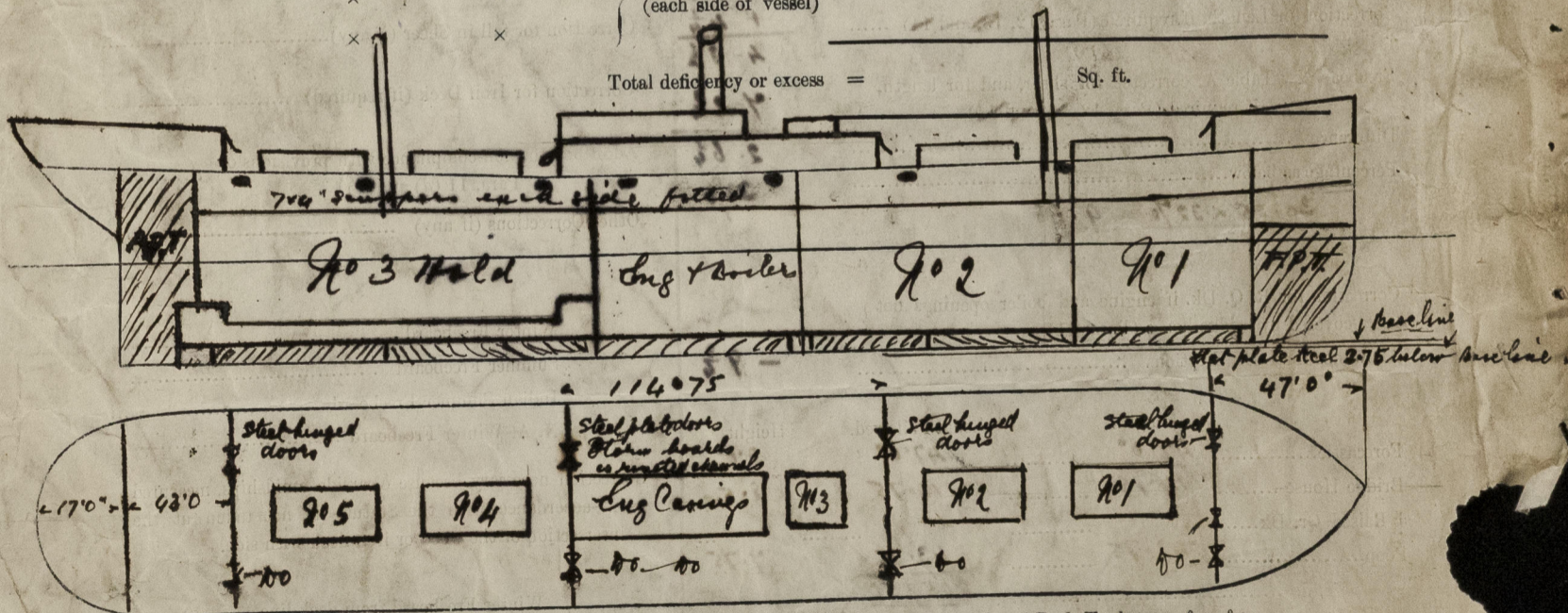
Delete the words *The Crew are, are not, berthed in the bridge house.*
 that do not apply *The arrangements to enable them to get backwards and forwards from their quarters are, are not satisfactory.*

Length of Bulwarks in well

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

Address

Fee £ *50.00*

Knut Knutsen

Chartered to Farnes Withys

Received by me



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