

SAT. APR. 21 1921

28424

Index No. 28424
(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.

SUNDERLAND RPT. No. 28063

Port of Survey SUNDERLAND

Date of Survey 1.4.21

Name of Surveyor T. PRATT

Ship's Name. S. N. A. 6
Messrs. OSBOURNE GRAHAM & CO. LTD.
Number in Register Book ✓
Port of Registry and Nationality. HAVRE
FRENCH
Official Number. ✓
Gross Tonnage. ✓
Date of Build. 1920-1
Particulars of Classification. 100 A.1.
(CONTEMPLATED)

Registered Dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>300.0</u>	<u>46.0</u>	<u>18.10</u> TO LINE OF TANK TOP THROUGHOUT	<u>1997.34</u>
Length on LOADLINE.		MEAN Frame Depth <u>8 1/4</u> Rule „ <u>5 1/2</u> <u>2 1/4</u> <u>23 x 2 = 46</u> NO SPARRING <u>+ 33</u>	CEILING <u>NO</u> SHEER <u>+ 35</u> <u>FOR PORTION BETWEEN TOP OF ORDINARY FLOORS AND LINE OF TANK TOP</u>	PEAKS AND DEEP TANKS <u>ACT INCL?</u> <u>- 20 TONS</u> <u>FOR PORTION BETWEEN TOP OF ORDINARY FLOORS AND LINE OF TANK TOP</u>
CORRECTED DIMENSIONS.	<u>300.0</u>	<u>46.87</u>	<u>18.85</u>	<u>1977.34</u>

Moulded Depth as measured..... 20.3

Addition for Keel below base line for draught record..... 1 1/2 inches.

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

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 300.0
Length in Table 243.0
Difference 57.0
Correction for 10ft., Table A. 1.2 Table C.
× Difference divided by 10 6.84 (if required.)
If 1/10ths length covered divide by 2 3.42 SAY 3 1/2

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered 666 + Large hatchways.
Thickness of usual wood deck, less stringer 1 1/2
- 3 1/2

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 46.6
Round of Beam 1 1/2
Normal round..... 1 1/2
Difference ✓ ÷ 2 =
Proportion of Deck uncovered (Para. 19)

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

Co-efficient of fineness..... .76
Any modification necessary [Para. 4 (a) to (e)]* -.02 CELL. DBLE. BOTTOM
Co-efficient as corrected74

Sheer { Stem..... 8 1/4
at { Sternpost ... 36 } 120 ÷ 2 = 60 ... Mean 53
Sheer at 1/2 of the length from { Stem 46
Sternpost 20 } 66 ÷ 2 = 33 ... Mean
Gradual mean Sheer 60
Standard mean Sheer [Table, Para. 18] 40
Difference..... 20 ÷ 4 = -5
§ If limited as Para. 18 (f)

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

ALLOWANCE FOR DECK ERECTIONS :—

Freeboard, Table C..... 1-4 1/2
Correction for Length, if required (Para. 12, 13, and 14)
Freeboard by Table A. corrected for sheer, and for length, if required (Para. 12, 13, and 14) } 3-5 1/2
Difference 2-1 1/2
Percentage as below..... 49.90
- 12.03

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) ✓
Allowance for Deck Erections SAY 12 1/2

	Length.	Length allowed.	Height.
Forecastle.....	<u>23.33</u>	<u>23.33</u>	<u>7.0</u>
Bridge House	<u>52.00</u>	<u>52.00</u>	<u>7.0</u>
Raised Qr. Dk.....	<u>106.00</u>	<u>106.00</u>	<u>5.0</u>
Poop.....	<u>18.67</u>	<u>18.67</u>	<u>7.0</u>
Total	<u>200.00</u>	<u>200.00</u>	<u>66.6</u>
Length of Ship	<u>300</u>		

Corresponding percentage {
Para. 11, 12, 13, or 14) } 49.90%

FREEBOARD

Freeboard in fresh water Summer ...	<u>546</u> m/m
„ „ Indian seas in Summer ...	<u>584</u> m/m
„ „ Summer (centre of the disc) ...	<u>660</u> m/m
„ „ Winter ...	<u>737</u> m/m
„ „ Winter, North Atlantic ...	<u>813</u> m/m

Winter Freeboard from deck line	<u>2-6 3/4</u>	<u>2-8 1/2</u>
Summer „ „ „	<u>2-3 3/4</u>	<u>2-5 1/2</u>
Indian Summer „ „ „	<u>2-0 3/4</u>	<u>2-2 1/2</u>
N. A. Winter „ „ „	<u>2-5 3/4</u>	<u>2-8 1/2</u>

	Feet.	Inches.
Winter Freeboard from deck line	<u>1</u>	<u>9 1/2</u>
Summer „ „ „	<u>1</u>	<u>11</u>
Indian Summer „ „ „	<u>2</u>	<u>2</u>
N. A. Winter „ „ „	<u>2</u>	<u>5</u>
„ „ „	<u>2</u>	<u>8</u>

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 1/2 rib French

Measured from top of statutory deck line marked at the intersection of the iron upper, main, spar, or wing deck at side.

© 2020

Lloyd's Register Foundation

002790-002797-0276

Do all the Frames extend to the top height in the Poop? YES Raised Quarter Deck? YES Bridge House? YES Forecastle? YES
 To what height do the Reverse Frames extend? BULK ANGLE FRAMES
 Has the Poop or Raised Quarter Deck an efficient Iron Bulkhead at the fore end? YES
 Give particulars of the means for closing the openings in Bulkhead NO OPENINGS
 Is the Poop or Raised Quarter Deck connected with the Bridge House? YES Has the Bridge House an efficient Bulkhead at the fore end? YES
 Give particulars of the means for closing the openings in Bulkhead NO OPENINGS
 What is the thickness of the Bridge Front plating? .36 and Coaming plate? .36
 Give scantlings and spacing of the Stiffeners 1/2 x 3 x .56 B.A. SPACED 30" APART
 Are bracket plates fitted at each end of the Stiffeners? YES Are hor'l. brackets fitted connecting Bridge Bulk'd. with Bulwarks? YES
 Has the Bridge House an efficient Iron Bulkhead at the after end? YES
 How are the openings closed? NO OPENINGS
 Is the Forecastle at least as high as the main or top-gallant rail? YES 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? YES
 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? 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:— YES

Position and Size.	No 1 (Fore) 4'-6" x 32'-0"		No 2 35'-0" x 33'-0"		No 3 37'-6" x 32'-0"		No 4 4'-6" x 32'-0"		Ship.	Rule.
Item.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.		
COAMING. Height above top of DECK	4'-6"	24"	4'-6"	24"	4'-6"	24"	4'-6"	24"		
Thickness	Sides	.44	.44	.44	.44	.44	.44	.44		
	Ends	.44	.44	.44	.44	.44	.44	.44		
SHIFTING BEAMS OR WEB PLATES.	Number	7	6	6	7	7	7	7		
	Section and Scantlings	PLATE 24 x 12 x .40 4 ANG. 6 x 3 1/2 x .52	PLATE 24 x 12 x .40 4 ANG. 6 x 3 1/2 x .56	PLATE 24 x 12 x .40 4 ANG. 6 x 3 1/2 x .56	PLATE 24 x 12 x .40 4 ANG. 6 x 3 1/2 x .56	PLATE 24 x 12 x .40 4 ANG. 6 x 3 1/2 x .56	PLATE 24 x 12 x .40 4 ANG. 6 x 3 1/2 x .52	PLATE 24 x 12 x .40 4 ANG. 6 x 3 1/2 x .52		
	Material	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL		
* FORE AND AFTERS.	Number									
	Section and Scantlings		NO	FORE	AND	AFTERS				
	Material									
HATCHES Thickness	3	2 1/2	3	2 1/2	3	2 1/2	3	2 1/2		
Remarks	SATISFACTORY									

* 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? .58 Strake between Main and Bridge Sheerstrakes? .54

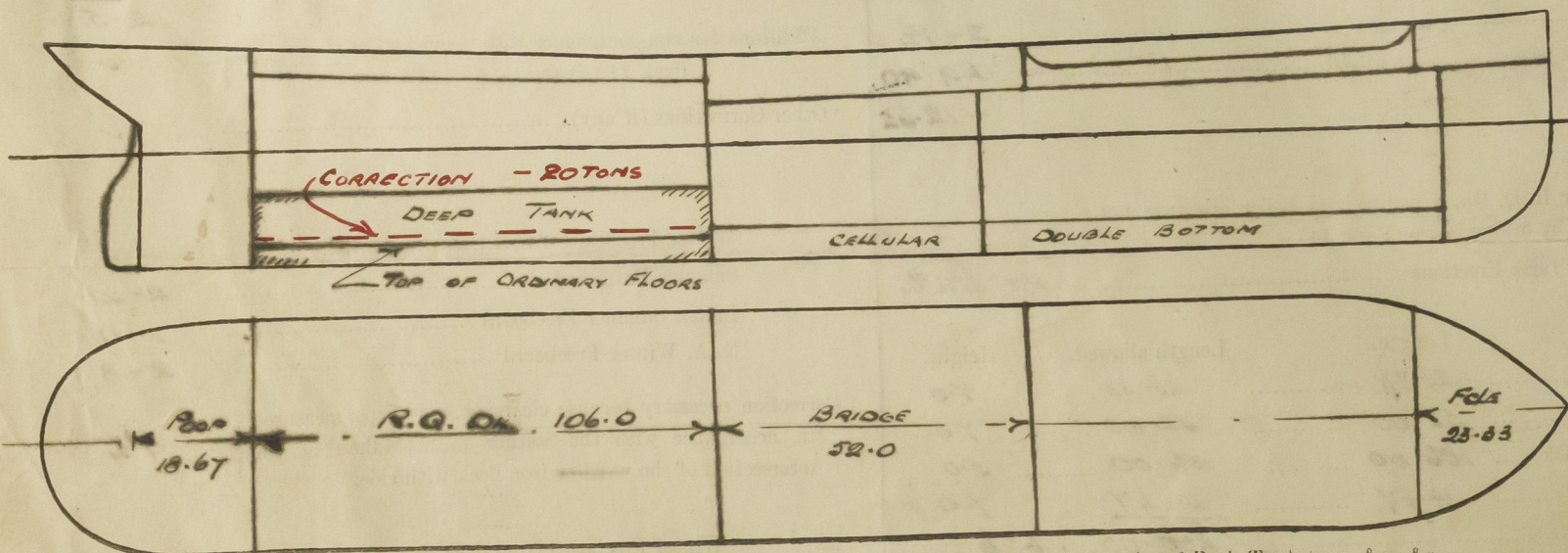
Delete the words { The Crew ~~are~~, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~ satisfactory.

Length of Bulwarks in well 100'-0"

Area of Freeing Ports required by Para. 11 (e) each side of vessel = 20.00 Sq. ft.

(OVAL) 3.5 x 1.75 x 4 } Freeing Ports (each side of vessel) = 21.84 Sq. ft.

Total deficiency or excess = 1.84 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

SEE PRELIMINARY REPORT SLO. No 27671

OF 2-11-19. REQUEST FORM No 9 SENT WITH PRELIMINARY REPORT.

THE APPROVED MIDSHIP SECTION AND PROFILE ARE ENCLOSED FOR REFERENCE

Owners

Address

Fee £ 8 : 0 : 0

Received by me



T. Prath
 © 2020

Lloyd's Register
 Foundation