

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD, STEAM SHIPS.

MON 11 MAR 1918

25668

REGULATIONS RELATING TO ALL STEAM SHIPS EITHER FLUSH DECKED, OR WITH 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 Port Glasgow
Date of Survey Built under Special Survey
Name of Surveyor Robt Howie

Ship's Name Robt Duncan & Co No 330
Port of Registry and Nationality Glasgow British
Official Number 142423
Gross Tonnage
Date of Build 1918
Particulars of Classification + 100A1 (Contemplated)

LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
405.3	53.05	27.45	4759.24
404.3	Frame Depth $9\frac{1}{2}$ Rule " 6" $3\frac{1}{2} \times 2 = 7$	Ceiling + 20 Sheer + 11.32 - .58	Peak } Tanks } Included
404.3	52.47	28.98	4759.24

Condition of fineness.....
Modification necessary } Yes. Cell. D.B. = -02
a. 4 (a) to (e)*
Condition as corrected75

Stem..... $128 \div 2 = 98.25$ Mean
Sternpost 68.2
Mean Sheer 98.18
Mean Sheer [Table, Para. 18] 50.43
Difference..... $47.75 \div 4 = 11.9375$
Corrected as Para. 18 (f).....
depth $47.75 \div 36 = 1.32$

Mean Sheer { At front of bridge house.....
amidships {
18 (e) { At after end of forecastle
Mean Sheer {
18 (d) { $\div 2 =$
uncovered Correction

ALLOWANCE FOR DECK ERECTIONS :—

Table C..... $4' 4"$
Correction for Length, if required (Para. 12, 13, and 14) $+ 3\frac{1}{2}$
Corrected by Table A, corrected for sheer, and for length, if required (Para. 12, 13, and 14) $7-0\frac{1}{4}$
as below..... $2-4\frac{3}{4}$
 $33-48$

$$38.75 \times 33.48 = 9.6355$$

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11)
Correction for Deck Erections $-9\frac{3}{4}$

Length.	Length allowed.	Height.
45.22	41.28	8'
125.66	125.66	"
42.75	42.75	"
Total	209.69	
Length of Ship	404.3	

Corresponding percentage (Para. 11, 12, 13, or 14) 33.48%

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 " " "

Moulded Depth as measured..... $30' 0"$
Addition for Keel below base line for draught record..... $2\frac{3}{4}$ 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..... 404.3
Length in Table 360
Difference 44.3
Correction for 10ft., Table A. 1.5 Table C. $.8$
 \times Difference divided by 10 6.645 (if required.) 3.54
If $\frac{1}{10}$ ths length covered divide by 2 $+ 6\frac{3}{4}$ $+ 3\frac{1}{2}$

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ ths length covered 528 5186
Thickness of usual wood deck, less stringer $3\frac{1}{2}$
 $-1\frac{3}{4}$

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... $50-8\frac{1}{4}$
Round of Beam $13"$
Normal round..... $12\frac{5}{8}$
Difference $3/8 \div 2 =$ ✓
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 $7-5\frac{1}{2}$
Correction for Sheer $-1-0$
Correction for Length $+6-5\frac{1}{2}$
Allowance for Deck Erections $+6-2\frac{1}{2}$
Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Iron Deck (if required) $-1\frac{3}{4}$
Additions for non-compliance with provisions of Para. 11 (d) and (e) \dagger $6-0\frac{3}{4}$
Other Corrections (if any) ✓

Winter Freeboard $6-0\frac{3}{4}$
Summer Freeboard $5-7\frac{1}{2}$
Indian Summer Freeboard $5-2\frac{1}{4}$
N. A. Winter Freeboard ✓

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

Winter Freeboard from deck line $6-2\frac{1}{2}$
Summer " " " " $5-9\frac{1}{4}$
Indian Summer " " " " $5-4$

N. A. Winter " " " " $5-9\frac{1}{4}$

MARKING FORM
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\dagger 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.

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RECEIVED 13 MAY 1918

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Do all the Frames extend to the top height in the Poop? *Alternate* Raised Quarter Deck? ☒ Bridge House? *At*
To what height do the Reverse Frames extend? *Bulk angle framing with extension angle as approved.*
Has the Poop or Raised Quarter Deck an efficient Bulkhead at the fore end? *Yes*
Give particulars of the means for closing the openings in Bulkhead *Shifting boards full height, fitted in channels*
Is the Poop or Raised Quarter Deck connected with the Bridge House? *No* Has the Bridge House an efficient Bulkhead?
Give particulars of the means for closing the openings in Bulkhead *No openings*
What is the thickness of the Bridge Front plating? *40* and Coaming plate? *44*
Give scantlings and spacing of the Stiffeners *16 A 8 x 3 1/2 x 64 4p 30"*
Are bracket plates fitted at each end of the Stiffeners? *Yes* Are hor'l. brackets fitted connecting Bridge Bulk'd.
Has the Bridge House an efficient Bulkhead at the after end? *Yes*
How are the openings closed? *Shifting boards full height, fitted in channels riveted to bul.*
Is the Forecastle at least as high as the main or top-gallant rail? *Yes* Has the Forecastle an efficient Bulk'd. at after?
Are the Engine and Boiler openings covered by a Bridge, Poop, Raised Quarter Deck, or enclosed by a Strong Iron or Steel Deckhouse? *Covered 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? Give particulars below:— *Yes.*

Position and Size.		No. 1 & No. 5 21'8" x 18'		No. 2 30'4" x 18'		No. 3 13' x 18'		No. 4 34'8" x 18'		Ship.	Rule.
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.		
COAMING.	Height above top of DECK	30"		30"		30"		30"			
	Sides	50		60		50		60			
	Thickness	44		44		44		44			
SHIFTING BEAMS OR WEB PLATES.	Number	4		5		2		6			
	Section and Scantlings	16 x 36 8		16 x 36 8		16 x 36 8		16 x 36 8			
	Material	2 angles 4 x 3 x 44		2 angles 4 x 3 x 44		2 angles 4 x 3 x 44		2 angles 4 x 3 x 44			
* FORE AND AFTERS.	Number										
	Section and Scantlings	No fore and afters.									
	Material										
HATCHES Thickness		2 1/2" solid white pine.									
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 Rules.

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

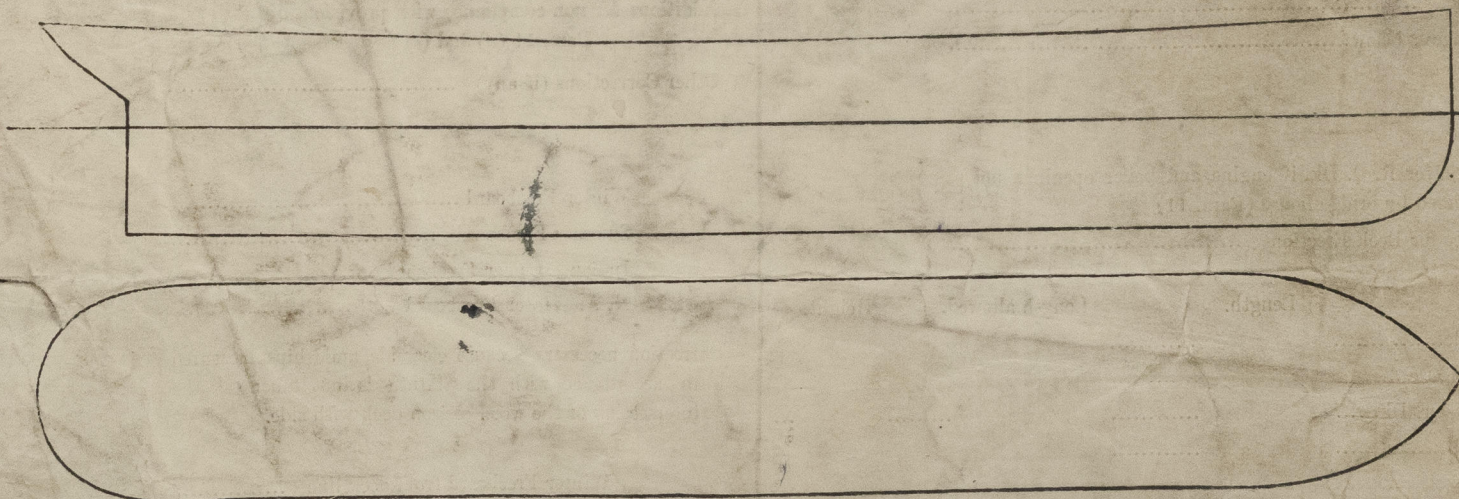
Delete the words { The Crew ~~are~~ are not, berthed in the bridge house.
that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~ satisfactory.

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.
x		x				
x		x				

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 has been built in accordance with the approved plans (these plans have been forwarded to London to-day along with 1st Entry Report of S.S. Trafalgar via Please see Greenock Report No. 17240. Freeboard request form enclosed herewith.*

Owners

Address

Fee £ 4

: 4 : 0

Received by me

25-5-18

28-5-18



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