

Lloyd's Register of British & Foreign Shipping
SURVEYS FOR FREEBOARD.—STEAM SHIPS.28344
No. 12687.

FEB 15 1921

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.Port of Survey Aberdeen
Date of Survey While building
Name of Surveyor Ridley YowellShip's Name. "SCOTSTOUN HEAD"Port of Registry
and Nationality.Leith
BritishOfficial
Number.145551Gross
Tonnage.410

Date of Build.

1921.

Particulars of Classification.

100 A1. (Contemplated)

Number in Register Book

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>150.9</u>	<u>24.1</u>	<u>9.35</u> <u>inner bottom</u>	<u>282.3</u>
Length on NE.	<u>150.0</u>	Frame Depth <u>4.5</u> Rule <u>2 x 1 1/2</u>	Ceiling fitted. Sheer <u>+5.6</u> <u>2 x 1 1/2</u> <u>level.</u>	Peak Tanks <u>Included</u> <u>Rank top to ord.</u> <u>floor in boiler room.</u>
TEDE IONS.	<u>150. ✓</u>	<u>23.94</u>	<u>9.889</u>	<u>246.64 ✓</u>

icient of fineness..... $\frac{246.64 \times 100}{150 \times 23.94 \times 9.889} = .488$
modification necessary {
ara. 4 (a) to (e)]* } 6.6.13. .02 ✓
icient as corrected46 ✓

{ Stem..... 62.25 } $89.75 \div 2 = 44.875$ Mean 36/ 20.23
{ Sternpost 24.5 } $+ .56$
at $\frac{1}{3}$ of the length from { Stem 35.0 } $49.75 \div 2 = 24.875$ Mean 45.23
{ Sternpost 14.75 } $\div .55$
ual mean Sheer 45.05 ✓ = 45.23 ✓
ard mean Sheer [Table, Para. 18] 25.0 ✓ Correction
Difference..... $20.05 \div 4 = 5.01$
limited as Para. 18 (f)..... -5" ✓

se in Sheer { At front of bridge house..... ✓
amidships {
ara. 18 (e)] { At after end of forecastle ✓

all in Sheer { $\div 2 =$ ✓
ara. 18 (d) }
gth uncovered Correction

ALLOWANCE FOR DECK ERECTIONS:—

board, Table C..... 3.37 3 3/4" ✓
ection for Length, if required (Para. 12, 13, and 14) ✓

board by Table A, corrected for sheer, and for length,
if required (Para. 12, 13, and 14) } 1-3.11 1' 3" ✓
rence 1174 11 3/4" ✓
entage as below..... 66.2%
- 3.44 ✓

ection for R. Q. Dk. if engine and boiler openings not
covered by bridge house (Para. 11) } + .13
vance for Deck Erections = 3 1/2" ✓
4.64 ✓

	Length.	Length allowed.	Height.
castle..... <u>closed.</u>	<u>16.5</u>	<u>19.35 ✓</u>	<u>6' 6" ✓</u>
ge House <u>open.</u>	<u>3.5</u>	<u>12.25 ✓</u>	<u>4' 0" ✓</u>
ised Qr. Dk.....	<u>84.5</u>	<u>84.5 ✓</u>	<u>4' 0" ✓</u>
Total	<u>116.45 ✓</u>	<u>116.10 ✓</u>	<u>= 4.44 ✓</u>
Length of Ship	<u>150.0 ✓</u>	<u>150.0</u>	

Corresponding percentage {
(Para. 11, 12, 13, or 14) } 66.2% ✓

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	" " "	...

16.2.21

† 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 amidship beam.
§ In flush-decked vessels the total standard mean sheer means the sheer measured at the stem and sternpost. In vessels having poops and forecastles, it means the sheer measured at points distant one eighth of the vessel's length from stem and sternpost.

2m. 11. T.

Moulded Depth as measured..... 11' 4 1/2" ✓

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

11-4 1/2
6
11-10 1/2
2-6 1/2
9-4

CORRECTION FOR LENGTH.

Length of Ship on Loadline..... 150
Length in Table 136.5
Difference 13.5
Correction for 10ft., Table A.9 ✓ Table C.
× Difference divided by 10 1.261 (if required.)
If $\frac{1}{10}$ th length covered divide by 2 .63
+ 1/2" ✓

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{1}{10}$ th length covered
Thickness of usual wood deck, less stringer 2 1/2" ✓
- 2 1/2"

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 24.1
Round of Beam 6.
Normal round..... 6.025 ✓
Difference $\div 2 =$
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 1-8.12 1' 8" ✓
Correction for Sheer - 5.01 5" ✓
1-3.11 1' 3" ✓
Correction for Length + .60 1' 3 1/2" ✓
1-3.71 1' 3 1/2" ✓
Allowance for Deck Erections - 7.64 7 1/2" ✓
8.07 8" ✓

Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Iron Deck (if required) - 2 1/2" ✓
5 1/2" ✓
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any) R. Q. D. 4' 0" ✓
4' 5 1/2" ✓

Winter Freeboard 1 3/4" ✓ 4' 5 1/2" ✓
Summer Freeboard 1 3/4" ✓ 4' 3 1/4" ✓
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 iron deck with side. + 1" ✓

Winter Freeboard from deck line 4' 6 1/2" ✓
Summer " " " " 4' 4 1/4" ✓

Indian Summer " " " " ✓
N. A. Winter " " " " ✓
N. A. Winter " " " " ✓
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" ✓

Winter Freeboard from deck line 4' 6 1/2" ✓
Summer " " " " 4' 4 1/4" ✓

Indian Summer " " " " ✓
N. A. Winter " " " " ✓
N. A. Winter " " " " ✓
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" ✓

† 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.

MARKING
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2-MAY-1927

MARKING REPORT

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Lloyd's Register

I.P.T.O.

W1282-0037

W1282-0044

Do all the Frames extend to the top height in the Poop? ☒ Raised Quarter Deck? *yes* Bridge House *yes* Forecastle? *yes*
 To what height do the Reverse Frames extend? *yes*
 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 *no openings.*
 Is the ~~Poop~~ 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? *.28* and Coaming plate? *.28*
 Give scantlings and spacing of the Stiffeners *angles 5" x 3" x .40 spaced 24"*
 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? *yes*
 Give thickness of plating; scantlings and spacing of Stiffeners *.30 x .28*
 What is the height of the exposed Casings? *6' 6"* Are suitable means provided for closing all openings in them in bad weather? *Strong st*
 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 IN WELL 24' 0" x 13' 6"		No 2 QUARTER DECK 22' 9" x 13' 6"					
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	4' 2"	4' 2"	3' 3"	3' 3"				
	Sides	.50	.50	.44	.44				
	Thickness	.44	.44	.44	.44				
SHIFTING BEAMS OR WEB PLATES.	Number	FIVE.	FIVE	FIVE.	FIVE				
	Section and Scantlings	<i>11" deep</i> 3 x 3 x .40	3 x 3 x .40	3 x 3 x .40	3 x 3 x .40				
	Material								
* FORE AND AFTERS.	Number								
	Section and Scantlings								
	Material								
HATCHES Thickness		3"	3"	3"	3"				
Remarks		WW. SOLID	WW. SOLID	WW. SOLID	WW. SOLID				

* When the Fore and Afters are of wood the depth should be stated from the underside of the hatches.

(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? *.28* Strake between Main and Bridge Sheerstrakes? *.38*

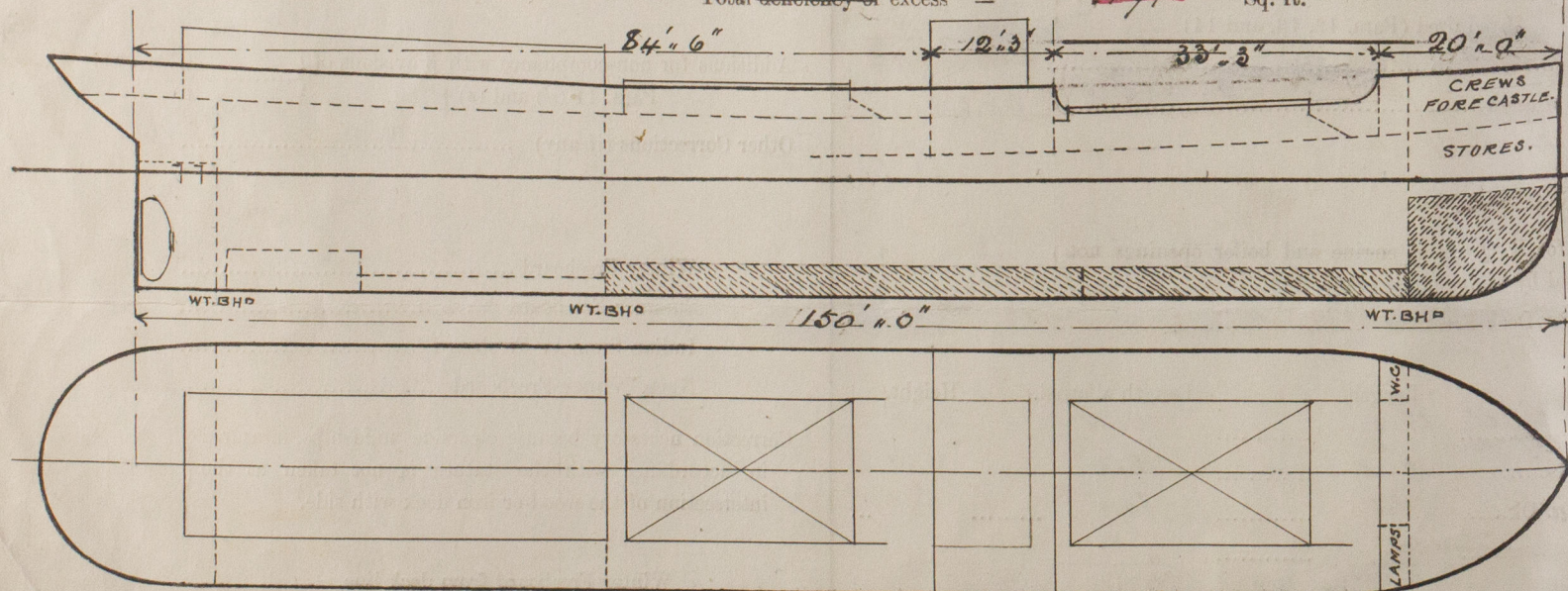
Delete the words { The Crew ~~are~~, are not, berthed in the bridge house.
 that do not apply { The arrangements to enable them to get backwards and forwards from their quarters are, ~~are not~~ satisfactory.

Length of Bulwarks in well *33 ft 3 in.*

Area of Freeing Ports required by Para. 11 (e) each side of vessel = *9.82* Sq. ft.

Ft. Tenths. Ft. Tenths. No. } Freeing Ports (each side of vessel) = *10.01* Sq. ft.
2.166 x 1.541 x 3 }
✓ x ✓ x ✓

Total deficiency or excess = *.19 822* 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 no wood upper deck, laid.*
Midship section and Profile plans forwarded herewith for reference.

Owners *Messrs A. J. Henry & MacGregor Ltd*
 Address *11 Dock Place - Leith.*
 Fee £ *3* : ✓ : ✓ Received by me



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