

Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.—STEAM SHIPS.

No 41881A

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 Glasgow
Date of Survey Building
Name of Surveyor M. MacleodShip's Name FOCH ROSE
J. FULLERTON & CO. NO. 241.
Number in Register Book
Port of Registry and Nationality Liverpool
British
Official Number 145960
Gross Tonnage approx 1120
Date of Build 1922
Particulars of Classification +100 A1. Contemplated.

Registered dimensions from Ship's Register.	LENGTH.	BREADTH.	DEPTH.	UNDER DECK TONNAGE.
	<u>220.2</u>	<u>34.2</u> <u>SPARRING</u> <u>FITTED</u>	<u>13.25</u> <u>13.46 TO TANK</u>	<u>801.12</u>
Length on LOADLINE.	<u>220</u>	Frame Depth <u>6 1/2</u> Rule <u>14</u> <u>2 1/2</u> <u>— .42</u>	Ceiling <u>THROUS?</u> Sheer <u>+ .50</u> <u>LEVEL TANK</u>	Peak } <u>INCLD</u> Tanks }
CORRECTED DIMENSIONS.	<u>220</u>	<u>33.78</u>	<u>13.96</u>	<u>801.12</u>

Co-efficient of fineness..... .44
Any modification necessary } C.R.T.B.
[Para. 4 (a) to (e)]*
Co-efficient as corrected45Sheer { Stem..... 65
at { Sternpost... 33 } $98 \div 2 = 49$... Mean 36 1/8
.50
Sheer at 1/8 of the length from { Stem 34
Sternpost 18 } $55 \div 2 = 27.5$... Mean 27.5
Gradual mean Sheer all round 49.5 $\div 1.55 =$.50
Standard mean Sheer [Table, Para. 18] 32.0 Correction
Difference..... 17.5 $\div 4 =$ 4.38
§ If limited as Para. 18 (f) — 4 1/2Rise in Sheer { At front of bridge house..... 1"
from amidships {
[Para. 18 (e)] { At after end of forecastle 36"Fall in Sheer {
Para. 18 (d) } $\div 2 =$
Length uncovered ✓ Correction

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... 0' 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) } 2. 2 3/4
Difference 1. 4 1/4
Percentage as below..... 50.5Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) } + .55
Allowance for Deck Erections 9.17
— 9 1/4

	Length.	Length allowed.	Height.
Forecastle.....	<u>24.84</u>	<u>24.34</u>	<u>4.0</u>
Bridge House.....	<u>15.33</u>	<u>15.33</u>	<u>4.0</u>
† Raised Qr. Dk.....	<u>104.83</u>	<u>104.83</u>	<u>4.0</u>
Poop.....		<u>144.50</u>	
Total		<u>220</u>	<u>= .64</u>

Length of Ship 220
Corresponding percentage {
[Para. 11, 12, 13, or 14] } 50.5%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 " " " "* 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 stern-post.Moulded Depth as measured..... 15' 6"Addition for Keel below base line for draught record..... 1.32 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..... 220
Length in Table 186
Difference 34
Correction for 10ft., Table A. 1.0 Table C.
× Difference divided by 10 3.4 (if required.)
If $\frac{6}{10}$ ths length covered divide by 2 1.7 + 1 3/4

CORRECTION FOR IRON DECK.

Proportion covered, if less than $\frac{7}{10}$ ths length covered64
Thickness of usual wood deck, less stringer 3.5 — .44 = 3.06
= 2.69 — 2 3/4

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... 33.58
Round of Beam 8.00
Normal round..... 8.39
Difference39 $\div 2 =$.195
Proportion of Deck uncovered (Para. 19)23 = .06

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

Freeboard, Table A 2. 4 1/4
Correction for Sheer — 4 1/2
2 — 2 3/4
Correction for Length + 1 3/4
2 — 4 1/2
Allowance for Deck Erections — 9 1/4
1. 4 1/4
Correction for Round of Beam..... ✓
Correction for fall in Sheer (if any)..... ✓
Correction for Iron Deck (if required) — 2 3/4
1. 4 1/2
Additions for non-compliance with provisions of {
Para. 11 (d) and (e) }
Other Corrections (if any) ✓Winter Freeboard 1. 4 1/2
Summer Freeboard 2" 1. 2 1/2
Indian Summer Freeboard
N.A. Winter FreeboardCorrection necessary because clearside amidships, measured in accordance with the Statute is not taken at the intersection of the wood or iron deck with side. 1/4Winter Freeboard from deck line 1. 5 3/4
Summer " " " " 1. 3 3/4
Indian Summer " " " "
N.A. Winter " " " "Winter Freeboard from deck line 1. 3 1/2Summer " " " " 3 1/2Indian Summer " " " " 2N.A. Winter " " " "

† 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.

19. 5. 22

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? *Built angle Frames.*
 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? *32*
 Give scantlings and spacing of the Stiffeners *4 x 3 x 50 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? *Raised Quarter deck and Casings.*
 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 *3/4" & 28 - 3 x 3 x 30 angles - 30" apart.*
 What is the height of the exposed Casings? *7' 0"* 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? *Yes.* Give particulars below: *R.Q.D.*

Position and Size.		No. 1: 24' 11" x 19' 9"		No. 2: 28' 9" x 19' 9"		No. 3: 30' 8" x 19' 9"			
Item.		Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.
COAMING.	Height above top of DECK	48		48		36			
	Thickness { Sides	44		44		44			
	Ends	50		50		50			
SHIFTING BEAMS OR WEB PLATES.	Number	Five		Five		Five			
	Section and Scantlings	15" x 36		18 x 36		18 x 36			
	Material	(Steel) Double angles. Top & bottom.				4 x 3 x 44			
* FORE AND AFTERS.	Number								
	Section and Scantlings	NIL		NIL		NIL			
	Material								
HATCHES Thickness		3"		3"		3"			
Remarks		W.P.		W.P.		W.P.			

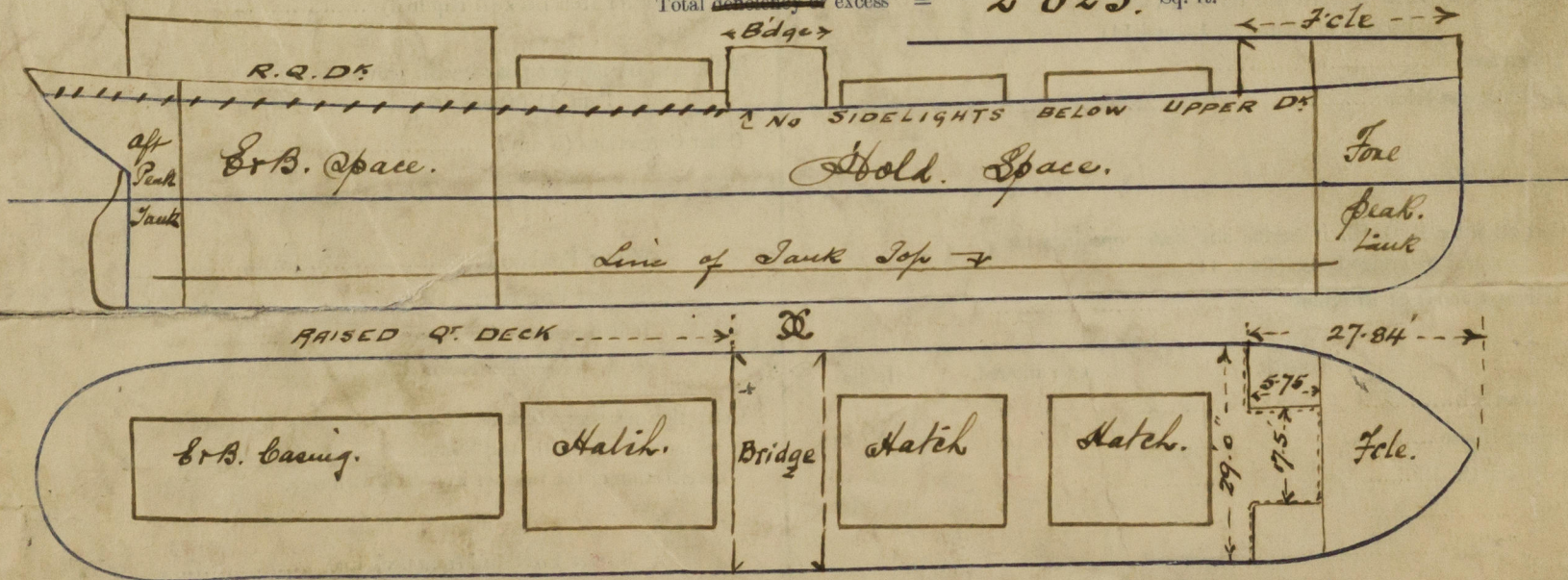
* The depth of Fore and Afters should be stated from the underside of the hatches in all cases.

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

Length of Bulwarks in well *69' 0"*
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *13.88* Sq. ft.
 Ft. Tenths. Ft. Tenths. No. } Freeing Ports = *16.625* Sq. ft.
2.5 x 1.33 x 5 (each side of vessel)
 Total deficiency excess = *2.825* 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 a duplicate of the same builders "Tallies Rose", "BEATTY ROSE" & "HIS ROSE" Gls. Report No. 39871: 40109: & 40435. The approved plans (2 in 1/2) and Freeboard Request Form enclosed.*

Owners *R. Hughes & Co.*
 Address *Liverpool.*

Fee £ *5 0 0*

Received by me

See First Entry Report



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