

33880

EXT Npt Mon 31/5/32

24 OCT 1930

Index No. (For London Office only.)

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD STEAM SHIPS.

GLASGOW REPORT No. 50949

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 During construction
Name of Surveyor George Nicol

Ship's Name DENNIS ROSE <i>Henderson Tugs N. 907M</i> Number in Register Book	Port of Registry and Nationality <i>Liverpool</i> British	Official Number 162328	Gross Tonnage ✓	Date of Build 1930	Particulars of Classification + 100. A1 Class contemplated
---	--	----------------------------------	---------------------------	------------------------------	--

Registered dimensions from Ship's Register.	LENGTH. 250.0	BREADTH. 37.2	DEPTH. 16.45	UNDER DECK TONNAGE. 1230.68
Length on LOADLINE.	250.0	Frame Depth Rule <i>7 1/2 No</i> 38	Ceiling + .20 Sheer + .70 .73	Peak Tanks
CORRECTED DIMENSIONS.	250.0	36.82	17.35	1230.68

Moulded Depth as measured..... **18'-6"**

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.

Co-efficient of fineness..... $\frac{1230.68 \times 100}{250 \times 36.82 \times 17.35} = .774$

Any modification necessary [Para. 4 (a) to (e)]*
Call A. B.

Co-efficient as corrected **.75**

CORRECTION FOR LENGTH

Length of Ship on Loadline..... **250.0**

Length in Table **222.0**

Difference **28.0**

Correction for 10ft., Table A. **1.1** Table C.

× Difference divided by 10 **2.08** (if required.) ✓

If 1/10ths length covered divide by 2 **1.54 + 1/2**

Sheer { Stem..... **80**
at { Sternpost... **39** } $119 \div 2 = 59.5$ Mean

Sheer at 1/2 of the length from { Stem **45.5**
Sternpost **22.25** } $67.75 \div 2 = 33.87$ Mean

Gradual mean Sheer $\frac{60.54 + 35.80}{2} = 48.17$

Standard mean Sheer [Table, Para. 18] **35.80** Correction **6.38**

Difference..... $25.54 \div 4 = -6.38$

§ If limited as Para. 18 (f)

CORRECTION FOR IRON DECK.

Proportion covered, if less than 1/10ths length covered **.724**

Thickness of usual wood deck, less stringer **2 1/2** - **3 1/2**

Rise in Sheer from amidships [Para. 18 (e)]

At front of bridge house..... ✓

At after end of forecastle..... ✓

CORRECTION FOR ROUND OF BEAM.

Breadth at Gunwale amidships..... **37'-0"**

Round of Beam **9**

Normal round..... **9 1/2**

Difference $\frac{9.5}{4} \div 2 = .12$

Proportion of Deck uncovered (Para. 19) **NIL**

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

Fall in Sheer Para. 18 (d) } $\div 2 =$

Length uncovered *Lowest point of Sheer amidships* Correction

Freeboard, Table A **3'-4 1/2"**

Correction for Sheer **6 1/2"**

Correction for Length **1 1/2"**

Allowance for Deck Erections **-1-0**

Correction for Round of Beam..... **1-11 3/4 1/2**

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

Correction for Steel Deck (if required) **1-8 1/2**

Additions for non-compliance with provisions of Para. 11 (d) and (e) †
Raised R. Deck **4-0 1/2**

Other Corrections (if any) **5-8 1/2**

ALLOWANCE FOR DECK ERECTIONS:—

Freeboard, Table C..... **1-0 1/4**

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) } **2-10**
1-9 3/4

Difference **58.6**

Percentage as below..... **58.6**

Correction for R. Q. Dk. if engine and boiler openings not covered by bridge house (Para. 11) *Short Bulge* **-1-0 1/2**

Allowance for Deck Erections **11-9 1/2**

Winter Freeboard **5-8 1/2**

Summer Freeboard **5-5 1/2**

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 steel deck with side. } **+ 1 1/2**

Winter Freeboard from deck line **5-9 1/2 1/2**

Summer " " " " **5-6 3/4 1/2**

Indian Summer " " " "

N. A. Winter " " " "

	Length.	Length allowed.	Height.
Forecastle.....	25.21	24.5.21	7'-0"
Bridge House	15.33	15.33	8'-0"
† Raised Qr. Dk.....	140.45	140.45	4'-0"
Poop.....	✓		
Total		180.99	724
Length of Ship		250.0	
Corresponding percentage (Para. 11, 12, 13, or 14) } 58.6			

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

Fresh Water Line above centre of Disc

Indian Summer Line " " " "

Winter Line below " " " "

Winter North Atlantic Line " " " "

27 OCT 1930

‡ 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 stern-post. 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.

† 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.



Lloyd's Register

RECEIVED 30 OCT 1930

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? *across floors in double bottom*
 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? *3/4* and Coaming plate? *3/8*
 Give scantlings and spacing of the Stiffeners *1/2 x 3 x 37 bulk naves, 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 ^{and} 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? *Engine Casings protected by steel doors and boiler casings partly protected by top deck covered by raised quarter deck*
 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. *Plating 3/4, Coaming 3/8, Stiff. 1/2 x 3, 28 A, 27" apart*
 What is the height of the exposed Casings? *4'-6"* 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*

Item.	N.1. 25' x 19'		N.2. 27'-9" x 25'		N.3. 28'-3" x 25'		N.4. 26'-4" x 25'		Ship.	Rule.
	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.	Ship.	Rule.		
COAMING.	Height above top of DECK	<i>43</i>								
	Thickness	Sides	<i>44</i>							
		Ends	<i>44</i>							
SHIFTING BEAMS OR WEB PLATES.	Number	<i>5</i>								
	Section and Scantlings	<i>2 1/2 x 28</i>								
	Material	<i>Steel</i>								
* FORE AND AFTERS.	Number		<i>No fore and afters</i>							
	Section and Scantlings		<i>Side coaming reinforced with bulk naves & stays</i>							
	Material									
HATCHES Thickness	<i>3</i>		<i>3</i>		<i>3</i>		<i>3</i>			
Remarks	<i>one</i>		<i>one</i>		<i>one</i>		<i>one</i>			

* 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.)

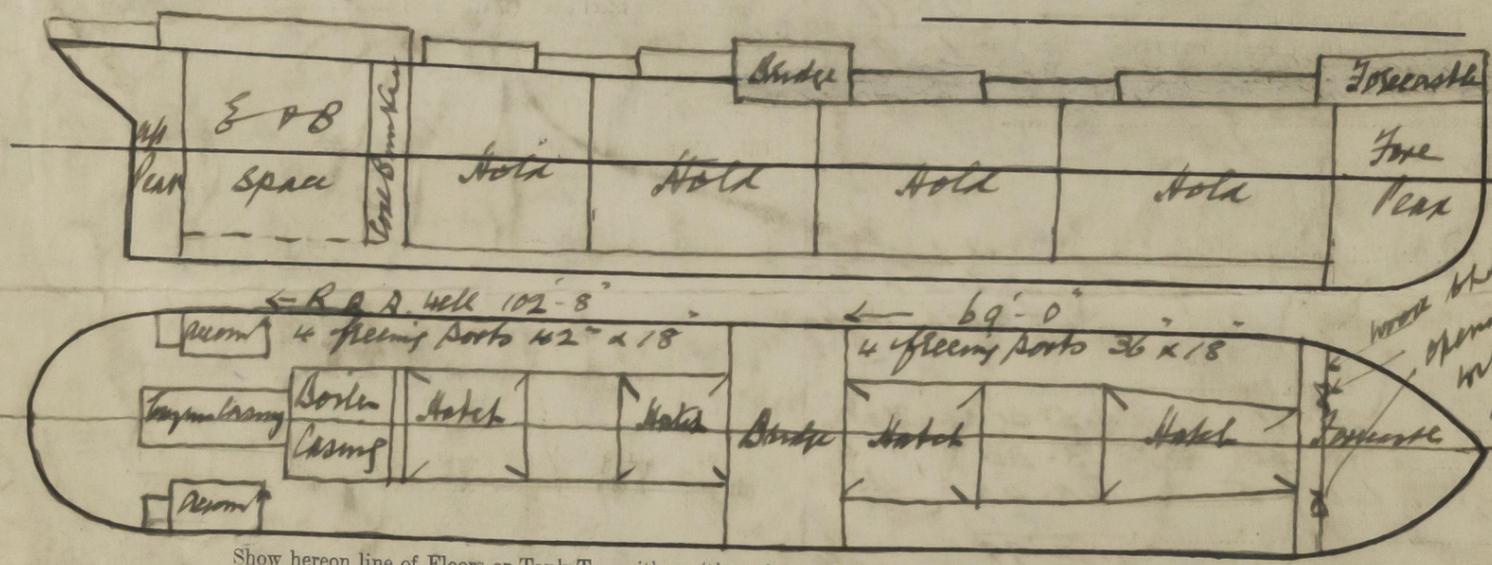
The following information is to be given in all Cases of vessels dealt with under Paras. 11, 12 (under 15 feet Moulded depth) and under Shelter Deck Rules.

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.* *Deck houses aft.*
 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 *69 ft.*
 Area of Freeing Ports required by Para. 11 (e) each side of vessel = *14* Sq. ft.

Ft.	Tenths.	Ft.	Tenths.	No.	
<i>3.0</i>	<i>x</i>	<i>1.5</i>	<i>x</i>	<i>4</i>	Freeing Ports (each side of vessel) = <i>18</i> Sq. ft.
<i>x</i>	<i>x</i>	<i>x</i>	<i>x</i>		

 Total deficiency or excess = *4* Sq. ft.
There is no bulwark or gangway across forward well, crew aft.

Request form N. 9 herewith approved plans of midship section and profile enclosed for reference



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 *Cargo Vessel*
 Builder's name and yard number *Str. Henderson & Co. Ltd. N. 907 M*
 Names of sister vessels *S.S. "Maurice Rose" same builder N. 906 M Dept. N. 50835*
 Owners *R. Hughes & Co.*

Address *Liverpool*

Fee £ *5-0-0*

Received by me *Sa F.C. Report*

