

STEEL STEAMER ~~MOTORSHIP~~

Received at London Office 22 OCT 1924

State if Report has been sent on the Freeboard of the Vessel **YES.**State if Report is sent on the Machinery of the Vessel **YES.**Date of completion of report **17th OCTOBER 1924**Port of **GLASGOW.**No. **44084**Survey held at **PAISLEY**Date First Survey **12th Dec. 1923**Last Survey **16th OCTOBER**

1924.

On the (State if Machinery fitted Aft and (if Single, Twin or Triple Screw) **(MACH. AFT.) SINGLE SCREW****"GRONANT ROSE."**

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

**FULL SCANTLING****(1921 Rules)**

State Type of Erections

**RAISED QUARTER  
DECK SHORT BRIDGE  
& FORECASTLE.**TONNAGE under Tonnage Deck... **801.02.**CLASS **+100 A1.**

State if with freeboard as condition of Class

No.

Built at **PAISLEY**

Do. of space or spaces between Tonnage Deck and Upper Deck

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

L **220**Launched **16th SEPT. 1924.** Yard No. **272.**Total **801.02**

Breadth (greatest moulded)

B **34**Builders **JOHN FULLERTON & Co**Gross Tonnage **1110.33**

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D **15.5**Owners **RICHARD HUGHES & Co**Register Tonnage **639.16**

TRANSVERSE LONGITUDINAL NUMBER (B+D) =

**49.5**

Managers

(Where necessary to be entered in Reg. Book.)

REGISTERED DIMENSIONS. FEET.

Length **220.5**

Framing Depth "d," at middle of length. See Sec. 3 (1d)

**12.84**Residence **LIVERPOOL.**Breadth **34.2**

Proportions—Depth to Length—Uppermost continuous deck to top of keel

**14.19**Port of Registry **LIVERPOOL.**Depth **13.25**

Do. Long Bridge to top of keel

**11.28**

If surveyed while building, afloat, or in dry dock

Draught Moulded

**14.54****BUILDING.**

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b>			<b>SOLID</b>		
" " from $\frac{1}{2}$ length to Collision bulkhead	<b>23</b>		<b>Bracket Floors, Frame</b>	<b>3 3 30</b>	
" " in peaks			" " Reversed Frame	<b>3 3 30</b>	
<b>SIDE FRAMING.</b>			" " Vertical Struts		
Frame Amidships, <b>ND. 6 3 32</b> <b>Q.D. 7 3 44/46</b>			<b>Centre Girder, depth and thickness amidships</b>	<b>32 x 40</b>	
" " Extends up to <b>DECK</b>			" " top Angle <b>SINGLE</b>	<b>5 5 46</b>	
<b>Reversed Frame Amidships, Angle IN PEAKS 3 3 32</b> <b>DOUBLE ACROSS IN E &amp; B SPACE</b>			" " bottom Angle <b>SINGLE</b>	<b>5 5 52</b>	
" " Extends <b>ACROSS TOP OF FLOORS ONLY</b>			<b>Side Girders, No. each side and thickness</b>	<b>ONE 30</b>	
<b>Depth of Framing Girder</b>	<b>6" and 7"</b>		<b>Margin Plate depth (excl. of flange) and thickness</b>	<b>26 x 34</b>	
<b>Frames in Uppermost Continuous Deck</b>			" " Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	<b>5 5 40</b>	
" " <b>Second between Decks, Angle E or F</b>			" " Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	<b>5 5 40</b>	
" " <b>Third</b>			" " Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	<b>SEVEN GUSSETS EACH SIDE AFT OF COLLISION BNR 3 FRAME SPACES APART (ADDITIONAL) 27" x 20"</b>	
<b>Framing in Peaks, Angle E</b>	<b>5 3 40</b>		" " Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem		
<b>Diameter and Spacing of Rivets through Shell Plating</b>	<b>3/4 @ 5 1/4</b>		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<b>43 x 30</b>	
<b>State if Frame Joggled</b>	<b>No</b>		<b>INNER BOTTOM PLATING.</b>		
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	<b>FORE PEAK TANK TOP IN PEAK &amp; BRACKET IN HOLD TO COLLISION B.H.2</b>		Breadth and thickness of Middle Line Strake	<b>48 x 38</b>	<b>APPROVED 33" x 38.</b>
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>	<b>ADD INTER. &amp; DOUBLE FRAMES FOR 1/4 L ABAFT RULE POS. OF COLL. B.H.</b>		Thickness of remainder in Holds	<b>30 1/2 28</b>	
<b>SINGLE BOTTOM.</b>			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E & B space and framing in Bunkers and Boiler Room?	<b>YES</b>	<b>AS APPROVED 1921 RULES.</b>
Floors, Depth and thickness at mid-line in Holds	<b>20 x 36</b>		<b>BEAMS.</b>		
Height of Brackets at side above base line at toe of frame	<b>ES. 40. BS. 46. NONE</b>		Uppermost Continuous Deck, amidships	<b>6 3 36</b>	
<b>Middle Line Keelson, on Floors, Angle E or F</b>	<b>9 3 1/2 46</b>		" " in way of Bridge, Angle E or F	<b>do.</b>	
" " Through Plate or Intercoastal Plate	<b>23 1/2 x 36</b>		Spacing	<b>23</b>	
" " Foundation Plate on Floors			<b>RAISED 2nd Deck, amidships, Angle E or F</b>	<b>6 3 36</b>	
" " Flat Plate Keel Angles	<b>3 1/2 3 1/2 46</b>		Spacing	<b>23</b>	
<b>Side Keelsons, No. each side</b>	<b>Two</b>		<b>Third Deck, amidships, Angle E or F</b>		
" " thickness of Intercoastal Plate	<b>36</b>		Spacing		
" " Angle <b>BULB (SINGLE)</b>	<b>8 3 46</b>		<b>Fourth Deck, amidships, Angle E or F</b>		
<b>DOUBLE BOTTOM.</b>			Spacing		
Solid Floors, thickness and spacing	<b>32 x 30</b>		<b>Poop Deck, Angle E or F</b>		
" " Are Frame and Reversed Frame joggled?	<b>No</b>		Spacing		
<b>Bracket Floors, breadth and thickness at middle line</b>			<b>Bridge Deck, Angle E or F</b>	<b>5 3 40</b>	
" " breadth and thickness at margin plate			Spacing	<b>46</b>	
			<b>Forecastle Deck, Angle E or F</b>	<b>5 3 44</b>	
			Spacing	<b>23</b>	

W574-0084



## PILLARS AND DECKS.

[illegible]

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>No</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
FLAT PLATE KEEL .....	41	.66	.54	.54	APPROVED. .52 at ends.	DOUBLE	7/8	3 5/8	THREE	7/8	3 1/8	LAPPED.
" <del>Done, if any</del>												
BOTTOM PLATING, No. of Strakes <del>THREE</del> .....		.50 .48 .46	.50 .48 .46	.46 .40 .38	.40 ends.	"	3/4	3 1/4	"	3/4	2 5/8	"
BILGE PLATING, No. of Strakes <del>ONE</del> .....		.46	.38	.38								
SIDE PLATING, No. of Strakes <del>TWO</del> .....		.48 .54	.42 .42	.42 .42		"	7/8	3 5/8	"	7/8	3 1/8	"
UPPER DECK, Sheer- strake in Well <del>A FORE</del>	48	.66	.50	.38	.38 ends.	"	7/8	3 5/8	"	7/8	3 5/8	"
UPPER DECK, Sheer- strake in Bridge ...					(doubling in way of break)							
STRAKE BELOW Sheer- strake in Wells.....												
STRAKE BELOW Sheer- strake in Bridge ...												
<del>Q.D'S SHEER</del> <del>Deck Side Plating</del> .....	45	.56	-	.40	<i>A.B &amp; C. Midship Thickness maintained to Rule position of Coll. B. Hd</i> (doubling in way of break) ✓	DOUBLE.	7/8	3 5/8	THREE	7/8	3 1/8	LAPPED
BRIDGE SIDE PLATING ...		.28				SINGLE	"	"	TWO	3/4	2 5/8	"
FOREC'TLE SIDE PLATING			.28			"	3/4	3 1/4	"	3/4	"	"

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c)			THREE ✓			
<del>Deck next below</del>			✓			
As per Rule			THREE ✓			
		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Transverse deck....						
"	"					
"	"					
"	"					
"	"					
"	"					
"	"					
"	"					
Holds ..... 1 foot.			BULB ANGLES.			
COLLISION (in Hold) .....		<i>.32</i>	<i>'28</i>	<i>7x3x46</i>	<i>30"</i>	
AFTER PEAK .....		<i>.30</i>	<i>.26</i>	<i>6x3x44</i>	<i>24"</i>	<i>HANK TOP CORNER</i>
		<i>.40</i>	<i>.28</i>	<i>6x3x46</i>	<i>24"</i>	<i>SEMI-Box BEAM</i>
			<i>TO 4x3x34 RIBS</i>			

FORGINGS ~~AND CASTINGS~~

	Casting or Forging.	Scanlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....		<b>FLAT PLATE KEEL.</b>		
<b>STEM</b> .....		$6\frac{3}{4} \times 2\frac{1}{2}$	Emerson	
<b>STERN FRAME</b> {	Propeller Post .....	FORGING. $6\frac{3}{4} \times 5$	Walker	
	Rudder " .....	" $6 \times 6$	Thompson.	
<b>RUDDER—A x D</b> .....		14.89		
<b>Speed of Vessel</b> .....		UNDER 10 KNOTS		
<b>RUDDER</b> mainpiece at head ...	FORGING	6	Emerson	
			Walker	
" " heel ...	"	4 1/4	Thompson.	
" how constructed .....	FORGING.	ARMS SHRUNK & KEYED ON		
" double or single plate		SINGLE PLATE	90	
" coupling, vertical or				
" horizontal .....		HORIZONTAL		

STEEL

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Manufacturer's name or trade mark of the Steel used in the construction of the

Vessel (state process of manufacture) OPEN-HEARTH PROCESS

W. Beardmore & Co. Ltd.

Has the Steel been tested as required by the Rules? YES

Lloyd's Register  
Foundation



EQUIPMENT No. <i>11769.75</i>										LETTER <i>N.</i>	ANCHORS.
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Where and when tested and Superintendent.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	
<i>58386</i>	1st Bower ...	<i>26</i>	<i>1</i>	<i>11</i>	<i>Stockless</i>			<i>25</i>	<i>18</i>	<i>0</i>	<i>25 1/2</i>
<i>14952</i>	2nd " ...	<i>25</i>	<i>0</i>	<i>0</i>				<i>24 1/4</i>			<i>25 1/2</i>
<i>14628</i>	3rd " ...	<i>22</i>	<i>3</i>	<i>14</i>				<i>23</i>			<i>23</i>
	Collective weight.	<i>74</i>	<i>0</i>	<i>25</i>							<i>74 (73 Rule.)</i>
<i>15550</i>	Stream .....	<i>7</i>	<i>1</i>	<i>0</i>	<i>1</i>	<i>3</i>	<i>7</i>	<i>9.5 TONS.</i>			<i>6 1/2</i>
											<i>Common. Kendrick Mole. Off. 19.6.24. A. Jones.</i>

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.				Length and size per Table 53.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.	Breaking Test of Steel Wire.	Length and size per Table 53.					
	Length.	Diam.	Supplied.	Per Rule.			Length.	Diam.				Length.	Ins.	Pathoms.	Ins.	Pathoms.	Ins.	Pathoms.	Ins.
<i>27443</i>	<i>165</i>	<i>1 1/2</i>	<i>40-5</i>	<i>58-7</i>	<i>195</i>	<i>1-14</i>	<i>210</i>	<i>1 1/2</i>	<i>STUD</i>	<i>Kendrick &amp; Mole.</i>	<i>Off. 11.4.24. A. Jones.</i>	<i>TOWLINE...</i>	<i>90</i>	<i>3 1/4</i>	<i>22</i>	<i>90</i>	<i>3 1/4</i>		
<i>22041</i>	<i>15</i>	"	"	"	<i>17</i>	<i>3-21</i>	<i>210</i>	<i>1 1/2</i>	<i>LINK.</i>		<i>Off. 12.12.19. S. H. Penn.</i>	<i>HAWSERS &amp; WARPS</i>	<i>90</i>	<i>6</i>	<i>MANILLA</i>	<i>90</i>	<i>6</i>		
<i>22159</i>	<i>15</i>	"	"	"	<i>18</i>	<i>1-0</i>					<i>Off. 13.1.20. " "</i>		<i>90</i>	<i>5</i>	<i>MANILLA</i>	<i>90</i>	<i>5</i>		
<i>22163</i>	<i>15</i>	"	"	"	<i>18</i>	<i>1-14</i>							<i>90</i>	<i>2 1/4</i>	<i>9 1/2</i>				
<i>2101</i>	<i>75</i>	<i>3 1/2</i>	<i>26</i>		<i>249</i>	<i>3-21</i>	<i>75</i>	<i>3 1/2</i>	<i>Gladholm &amp; Robson.</i>				<i>90</i>	<i>1 1/4</i>	<i>5 1/2</i>				

Steering Gear, Steam *HORIZONTAL BY BOW McLAHLAN & Co. Ltd.* Steering Gear, Hand. *QUADRANT. BLOCKS & TACKLES.*

Boats *2 LIFEBOATS (20' x 6' x 2 1/2').* Steering Chains, Size and Test *7/8" TEST 9.2.2.0 TIDTON.* Windlass *STEAM BY EMERSON, WALKER & THOMPSON BROS.*

Ceiling in Holds, thickness and material *2 1/2" RED WOOD.* Cargo Battens, thickness, material and spacing *2" W.P. - 6" BERTH & SPACE.*

Cargo Hatchways. (Upper Deck) *STEEL PLATES AND ANGLES.* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *22' 11 1/2" x 19' 9"* No. 2 *22' 11 1/2" x 19' 9"* No. 3 *23' 11" x 19' 9"* No. 4 *23' 11" x 19' 9"* No. 5 *No. 6*

Number of Shifting Beams and/or Fore and After. *THREE SHIFTING BEAMS ~ NO FORE AND AFTERS.*

Builder's Signature *John Fullerton & Co.*

GENERAL DECLARATION *This vessel has been built in accordance with the approved plans, instructions, and printed rules of the Society (1921-22), for the class contemplated. The materials and workmanship are good. Freeboard verified and marks "cut in" on vessels side. Fore and aft peaks and double bottom tanks tested by water pressure weather deck, and bulkheads tested and found in order.*

The following approved plans, are forwarded herewith  
*Midship Section & copy of same. [See attached Envelope. "FOEN ROSE" No. 271. Also "Sh. Report" No. 42059.]*  
*Profile & Deck. Pumping Plan. [See attached Envelope. "FOEN ROSE" No. 271. Also "Sh. Report" No. 42059.]*  
*Stempost & Rudder. Mast & derrick. [See attached Envelope. "FOEN ROSE" No. 271. Also "Sh. Report" No. 42059.]*  
*Boiler Plan. Forging Certificate [See attached Envelope. "FOEN ROSE" No. 271. Also "Sh. Report" No. 42059.]*  
*Midship Section as built. [See attached Envelope. "FOEN ROSE" No. 271. Also "Sh. Report" No. 42059.]*  
*Profile & Deck. [See attached Envelope. "FOEN ROSE" No. 271. Also "Sh. Report" No. 42059.]*  
*Freeing Ports [See attached Envelope. "FOEN ROSE" No. 271. Also "Sh. Report" No. 42059.]*  
*2 Forging Certificates.*

The amount of Entry Fee ..... £ *5 : 0 : 0* Fees applied for, *17/10/24*  
Special Survey Fee.... £ *111 : 0 : 0* Received by me, *[Signature]*  
*FREEBOARD FEE.*  
*Travelling Expenses, if any* £ *5 : 0 : 0*  
State whether the Vessel has been built under Special Survey *YES.* Signature *M. Macleod.*  
Certificate to be sent to *GLASGOW* Date of issue *21/11/24* *Surveyor to Lloyd's Register of Shipping.*

Committee's Minute *GLASGOW 21 OCT 1924*  
Character assigned *- 100 A1.*  
*10, 24*  
*Lloyd's A+C.P.*  
*+ LMC 10, 24*



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

*This vessel is a duplicate of the same builders*  
*1/2 No. 265-6-7.*

*1/2 "JELICOE ROSE" Glasgow Report No. 40105.*

*1/2 "BENTTY ROSE" do. 40340.*

*1/2 "HAIG ROSE" do. 40448.*

*also*

*1/2 No. 271.*

*1/2 "FOCH ROSE" Glasgow Report No. 42059.*

*with the exception of lengths of Grackles  
and No. and arrangement of Hatchways.*

Particulars of Drop Test of  
Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials,  
Number of Certificate, Date  
of Test.

1st Bower  
2nd "  
3rd "

*14.2.14 MB. 1957. 7.5.24.*  
*15.2.12. FR. 401. 23.11.21.*  
*14.0.7. FR. 397. 23.11.21.*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. *123.16* ft., Bridge *11.5* ft., Forecastle *24*  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks and No. of tiers of Beams (this information is to be given as it should appear in the Register Book)

*ONE DECK. (STL) Mill deck*

Official No. *147286.*

Signal Letters

If bottom of Vessel has been coated Inside *YES.*

particulars of composition

*PAINT & CEMENT.*

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<input checked="" type="checkbox"/>		Fore peak tank,		
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>		After peak tank,		
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>		Deep tank, aft,	<input checked="" type="checkbox"/>	
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>		Deep tank, forward,	<input checked="" type="checkbox"/>	
Double bottom, forward,	<i>136</i>	<i>215</i>	Other tanks, if fitted,	<input checked="" type="checkbox"/>	
	Total capacity of double bottom	<i>215</i>	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

Order for Special Survey *5473*

Date *30.12.1920*

Dates of Surveys  
held while building

*1923 Dec 12. 18. 28 1924 Jan 28 Feb 5. 14. 21. 28 Mar 3. 7. 10. 20 Apr 15. 22. 30 May 8. 19. 27 Jun 4. 10*  
*20. 25 July 7 Aug 20. 27. 28 Sep 2. 4. 8. 11. 17. 25 Oct 6. 8. 16*

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Lloyd's Register  
Foundation

Total No. of Visits