

STEEL STEAMER or MOTORSHIP.

5 OCT 1927

Received at London Office

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 *30th Sept. 1927*Port of *Glasgow*No. *47103*Survey held at *Androssan*Date First Survey *14th Feby 1927* Last Survey *27th Sept. 1927*

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Twin Screw Steamer "ROVUMA"

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

Complete Superstructure vessel without tonnage opening

State Type of Erections

TONNAGE under Tonnage Deck... *1189.82*CLASS *100A1*State if with freeboard as condition of Class *With*Built at *Androssan*

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

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 211.00*Launched *12th July 27* Yard No. *338*Total *1189.82*Breadth (greatest moulded) *B 35.00*Builders *Androssan Dockyard Co. Ltd.*Gross Tonnage *1288.84*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 21.00*Owners *Union Castle Mail Steamship Co. Ltd.*Register Tonnage *738.41*1st Longitudinal Number (L x D) *= 4431*

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

2nd Numeral L x (B + D) *= 11816*Residence *London*

REGISTERED DIMENSIONS.

Length *211.8*Framing Depth "d," at middle of length. See Sec. 3 (1d) *11.25*Breadth *35.14*Proportions—Depth to Length—Uppermost continuous deck to top of keel *10.04*Depth *19.1*Do. Long Bridge to top of keel *13' 4 7/8"*Draught Moulded *13' 4 7/8"*Port of Registry *London*

If surveyed while building, afloat, or in dry dock

Building, afloat and in drydock.

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.
FRAMES, Spacing amidships	24"		Bracket Floors, Frame	✓	
" " from 1/4 length to Collision bulkhead.....	24"		" " Reversed Frame.....	✓	
" " in peaks.....	24"		" " Vertical Struts.....	✓	
DE FRAMING.			Centre Girder, depth and thickness amidships	31"	42"
Frame Amidships, Angle, E or C.....	5 1/2 3 32		" " top Angles <i>Single</i>	3 3 40	
" " Extends up to <i>upper and 2nd Deck Alternately</i>			" " bottom Angles <i>Single</i>	3 1/2 3 1/2 42	
Reversed Frame Amidships, Angle	✓		" " <i>7% and 13% bottom angles Double in E.R. Thrust and 3/8" L. forward</i>	one	32
" " Extends up to.....	✓		Side Girders, No. each side and thickness		
Depth of Framing Girder	5 1/2"		Margin Plate depth (excl. of flange) and thickness	24" x 36	22 1/2" x 36
Frames in Uppermost Continuous 'tween Decks, Angle, E or C	5 1/2 3 32		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem.....	3 1/2 3 1/2 34	3 x 3 x 34
" " <i>Second 'tween Decks, Angle, E or C</i>	5 1/2 3 30	5 x 3 x 28	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem.....	4 1/2 4 1/2 34	
" " <i>Intermediate</i>	5 1/2 3 28		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	✓	
" " Third " " " " " "	5 1/2 3 28		" " Gussets, spacing and scantling forward 1/4 len. from stem.....	✓	
Framing in Peaks, Angle or C	5 1/2 3 28		Tank Side Brackets, height above base line at toe of Frame and thickness	44" x 34	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 5 1/4		INNER BOTTOM PLATING.		
State if Frame Joggled	<i>Joggled</i>		Breadth and thickness of Middle Line Strake.....	43 x 38	
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	<i>See frame and Inters. Stringers as per approved plans</i>		Thickness of remainder in Holds.....	32 — 30	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>As per approved plans</i>		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?.....	<i>Yes</i>	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships and at aft end. in Wells, Angle, E or C	7 3 34	6 1/2 x 3 x 34
Height of Brackets at side above base line at toe of frame.....	✓		" " <i>in way of Bridge, Angle, E or C</i>	6 3 30	
Middle Line Keelson, on Floors, Angles, E or C	✓		Spacing.....	48	
" " " Through Plate or Intercoastal Plate.....	✓		Second Deck, amidships, Angle, E or C	8 1/2 3 40	
" " " Foundation Plate on Floors.....	✓		Spacing.....	48	
" " " Flat Plate Keel Angles.....	✓		" " <i>fore and aft ends. B.A.</i>	5 1/2 3 30	5 x 3 x 32
Side Keelsons, No. each side	✓		Third Deck, amidships, Angle, E or C	24" <i>spacing</i>	5 x 3 x 26
" " thickness of Intercoastal Plate.....	✓		Spacing.....	✓	
" " Angles.....	✓		Fourth Deck, amidships, Angle, E or C	✓	
DOUBLE BOTTOM.			Spacing.....	✓	
Solid Floors, thickness and spacing	32 24"		Poop Deck, Angle, E or C	✓	
" " Are Frame and Reversed Frame joggled?.....	<i>Joggled</i>		Spacing.....	✓	
Bracket Floors, breadth and thickness at middle line	✓		Boat Bridge Deck, Angle, E or C	4 3 30	
" " breadth and thickness at margin plate.....	✓		Spacing.....	36	
			Forecastle Deck, Angle, E or C	✓	
			Spacing.....		

PILLARS AND DECKS.

	INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.			Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	<i>One</i>			/					
" in 'tween Decks, Size and Spacing....	<i>2½" solid 1x8"</i>			/	Stringer Plate, breadth and thickness in way of Bridge.....				✓
" " " "	<i>Built channel pillars at Hatch end beams</i>			/	Thickness of Plating abreast Deck openings in way of Wells.....				<i>.30 where sheathed</i>
" in Holds " "	<i>3¼" solid 1x8"</i>			/	Thickness of Plating abreast Deck openings in way of Bridge.....				<i>.34 where unsheathed</i>
" " " "	<i>Tubular pillars at Hatch end beams</i>			/	Thickness of Plating within line of openings...				<i>.30 where sheathed</i>
Centre Line Bulkhead.					If Sheathed, material and thickness				<i>.34 where unsheathed White pine 2½"</i>
Stiffeners and Spacing.....				✓	Third Deck.				
Plating, thickness of				✓	Stringer Plate, breadth and thickness.....				
STRINGERS AND DECKS.					If Plated, state thickness.....				
Uppermost Continuous Deck.					Fourth Deck.				
Stringer Plate, breadth and thickness in Wells	<i>45"</i>	x	<i>.34</i>	/	Stringer Plate, breadth and thickness.....				
" " " " in way of Bridge				✓	If Plated, state thickness				
" Angle in Wells	<i>3½"</i>	<i>3½"</i>	<i>.34</i>	/	Poop Deck.				
Thickness of Plating abreast Deck openings in way of Wells			<i>.30</i>	/	Stringer Plate, breadth and thickness				
Thickness of Plating abreast Deck openings in way of Bridge			✓	/	Plating, Sheathing, material and thickness				
Thickness of Plating within line of openings...			<i>.30</i>	/	BOAT BRIDGE DECK.				
If Sheathed, material and thickness	<i>Teak</i>	<i>2½"</i>		/	Stringer Plate, breadth and thickness.....	<i>36"</i>	x	<i>.30</i>	
Second Deck.					Plating, Sheathing, material and thickness ...				<i>.20 sheathed with 2½" Teak</i>
Stringer Plate, breadth and thickness in Wells...	<i>41"</i>	x	<i>.34</i>	/	Forecastle Deck.				
					Stringer Plate, breadth and thickness.....				
					Plating, Sheathing, material and thickness				

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		Four.	
Extending to Upper Deck (Sec. 3 c).....		One. (Collision Bulk.)	
" Deck next below.....		Three. to 2nd Deck.	
As per Rule.....		Four.	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" " Second "					
" " Third "					
" " Holds ... N ^o 59.	44"-30"	5 1/2 x 3 x 30	BA. 30"		✓
Engine Room " N ^o 35	38"-26"	5 1/2 x 3 x 30	BA. 30"		✓
COLLISION " (in Hold)	44"-30"	7 x 3 x 40	BA. 24"		✓
AFTER PEAK " "	40"-30"	6 x 3 x 38	BA. 24"		✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction

Steel Coy of Scotland and D. Co

Smith McLean & Co. Beaumont.

Has the Steel been tested as required by the Rules? *Yes.*

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Flat plate keel			
STEM	Forging	4" x 1 3/4"	Kerr, Irvine	
STERN FRAME { Shaft B&L. Propeller Post	Castings	9 1/2" x 3"	W. & A. Lloyds Co. W. & A.	
{ Rudder "	Forging	4" x 2 1/4"	Kerr, Irvine	
RUDDER—A x D.	15 1/2 x 5			
Speed of Vessel	not exceeding 10 knots.			
RUDDER mainpiece at head	Forging	6"	Kerr, Irvine	
" " heel	"	4 1/2"		
" how constructed	Forged arms struck on and keyed to main piece.			
" double or single plate	Single plate			
" coupling, vertical or	Horizontal			
" horizontal				
a bar.				
of the Vessel (state process of manufacture)				
built by				

5 OCT 1927

EQUIPMENT No. 12071

LETTER "N"

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
88611	1st Bower	28	3	19				27	14	2	0	252	Haffner Patent (C.S. type)	W. Hingley & Sons	25/11/26 H. Green
88612	2nd "	28	1	14				27	8	0	14	252	Do	Do	"
88690	3rd "	22	0	0				22	7	2	0	22	Do	Do	"
	Collective weight.	79	1	5								1,431			6/1/27
60210	Stream	7	0	0	1	2	21	9	5	0	0	62.210 cwt	Rodgers Ordinary	S. Taylor & Sons, Bristol & Hill	Sept 4/5/27 W. A. Brydson

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.	Supplied.	Per Rule.	Length.	Diam.					Length.	Ins.		Length.	Ins.
61774	210/3	1 9/16	43.9	61.4	265	3	14	210	1 9/16	Olds Link	S. Taylor & Sons, Bristol & Hill	Sept 28/27	TOWLINE	90	3 1/2	22	90	3 1/2
													HAWSERS & WARPS	90	6"	Hump	90	6"
														90	5"	Do.	90	5"
Iron Stream Chain or Steel Wire	45	3 1/2		26				45	3 1/2									

Steering Gear, Steam 6" x 6" by John Hackett & Co. Greenwich. Steering Gear, Hand 4" Gear by Donkin & Sons, Walthamstow.
Boats 1 @ 26' 4" x 8' 4" x 3' 4" Class 1A. Steering Chains, Size and Test 7/8 dia. 9-2-2-0. Windlass 8 x 11. Black Chapman & Co. Ltd.
1 @ 16' 0" Dinghy

Ceiling in Holds, thickness and material none. Cargo Battens, thickness, material and spacing 6 x 2 W.P. 1 1/4" centres.
Cargo Hatchways.-(Upper Deck) Skew. Thickness of Hatches 2 1/2" white pine.
Size of No. 1 Hatchway (Forward) 12' 0" x 13' 0" No. 2 18' 0" x 13' 0" No. 3 22' 0" x 13' 0" No. 4 No. 5 No. 6
Number of Shifting Beams and/or Fore and Afters No. 1 Hatch 2. No. 2 Hatch 2. No. 3 Hatch 3.

FOR ARDROSSAN DOCKYARD, LIMITED.

Builder's Signature

Cecil Gosling

SECRETARY

GENERAL DECLARATION

The materials and workmanship are good. The vessel has been built in accordance with the approved plans and instructions, the Secretary's letters of various dates and in conformity with the Rules for the Class Contingent. The tanks, decks and bulkheads, have been tested in accordance with the Rules. The freeboard has been verified, and the freeboard marks cut in on the vessel sides. Note:- An opening has been cut and fitted with a battis plate on W.T. Bhd 59. for cooling purposes during voyage out to vessel's station on the East African Coast. As requested by Glasgow letter 24/6/27. a letter has been received from Owners (herewith) stating battis plate will be permanently riveted up on the vessel's arrival at Durban.

Freeboard. 4 11 8
The amount of Entry Fee £ 5 : 0 : 0
Special Survey Fee £ 128 : 18 : 0
Travelling Expenses, if any £ 4 : 10 : 0

Fees applied for, 19
Received by me, 10.10.27

I am of opinion the Vessel should be Classed 100 A1 with freeboard

For D. Webster and Self.

Signature

Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey. Yes.

Certificate to be sent to GLASGOW

Date of issue 11/10/27

Committee's Minute GLASGOW 4 - OCT 1927

Character assigned 100 A1

with freeboard

9.27

Lloyd's & Co.

+ LMC 9.27



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Lloyd's Register Foundation

0169 212

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.)

The following List of approved plans forwarded herewith.

Midship Section
Midship Section (as built)
Profile and deck plan
Painting arrangement, etc.
Rudder and sternframe.
Modified details of rudder pintles
Quadrant
Shaft Brackets
Aft end framing
W.T. boxes for sea suction
Cooling doors
Plan of Hatch end beams, Supports and Hatch side girders
Do Do. (amended)
Modification to Hold pillar at frame 16.
Plan of Tank top in way of No 1 Hatch (compensation in way of Hatch way)
Pumping plan.
Licensing Certificate

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

1st Bower 19-0-2 - D. D. W. - 782 - 31st May 1926
2nd " 18-2-8 - D. D. W. - 717 - 22nd Dec. 1925
3rd " 14-3-26 - D. D. W. - 745 - 1st March 1926

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

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 2 Dks OH upper & T.S.

Official No. 149901 ; Signal Letters

Is bottom of Vessel coated with cement ☒ yes if not

particulars of composition

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	48'-0	60.7	Fore peak tank,	14.5	45
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	12.56	36
Double bottom, if under Engines only,	14'-0	25.2	Deep tank, aft,		
Double bottom, if under Boilers only ,	14'-0 "Dry tank."		Deep tank, forward,		
Double bottom, forward,	92'-0	154.0	Other tanks, if fitted,		
Total length of Double bottom = 168'-0"	Total capacity of double bottom = 239.9		(If necessary, furnish further information by sketch.)		
" Capacity " " "	The wells are not to be included in the lengths of the tanks.				

Order for Special Survey No. 5779

Date 8.26

Dates of Surveys held while building

1927 Feb. 14. 16. 17. 21 Mar 7. 9. 16. 18. 23. 28. 31 Apr 4. 11. 13. 15. 19. 22. 26. 29 May 4. 9. 13. 19 Jun 1. 3. 14. 22. 27 July 4. 6. 12. 29 Aug 3. 11. 13. 16. 22 Sep 23. 27.

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Total No. of Visits 4