

STEEL ~~STEAMER~~ OF MOTORSHIP.

Received at London Office

State if Report has been sent on the Freeboard of the Vessel NoState if Report is sent on the Machinery of the Vessel Yes

Date of completion of report

17th August 1927

Port of

Ipswich (London)

No.

9142

Survey held at

Ipswich

Date First Survey

28th February

Last Survey

15th August 1927

On the (State if Machinery fitted Aft and

Single Screw Propeller

"IPACARY"

State Type (Full Scantling, Complete Superstructure

State Type of Erections

None

TONNAGE under

CLASS A. Tonnage

State if with freeboard

No

Built at

Brightlingsea

Do. of space or spaces

Length from fore part of stem to after part of stern

L 46.5

Launched

5-8-27. Yard No. 1290

Total

Breadth (greatest moulded)

B 13.0

Builders

Aldous Ltd.

Gross Tonnage

Depth, at middle of length from top of keel to top

D 6.0

Owners

The Argentine Navigation Co.

Register Tonnage

1st Longitudinal Number (L x D)

=

Managers

(Nicolas Rikhanovich) Ltd.

REGISTERED DIMENSIONS.

Framing Depth "d," at middle of length. See

5.25

Residence

Length

46.5

Proportions—Depth to Length—Uppermost con-

7.75

Port of Registry

Breadth

13

Do. Long Bridge to top

of keel

If surveyed while building, afloat, or in dry dock

Depth

6

Draught Moulded

4.0

Builder

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	16	/	Bracket Floors, Frame		
" " from $\frac{1}{2}$ length to Collision bulkhead	16	/	" " Reversed Frame		
" " in peaks	16	/	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, [or]	Angle 2 x 2 x $\frac{1}{4}$	/	" " top Angles		
" " Extends up to	Deck	/	" " bottom Angles		
Reversed Frame Amidships, Angle	in E.R. 3 x 2 x $\frac{1}{4}$	/	Side Girders, No. each side and thickness		
" " Extends up to	on flooring	/	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	2"	/	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	/	/	" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem		
" " Second 'tween Decks, Angle, [or]	/	/	" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " Third " " " "	/	/	" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem		
Framing in Peaks, Angle or [Angle 2 x 2 x $\frac{1}{4}$	/	Tank Side Brackets, height above base line at toe of Frame and thickness		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	$\frac{1}{2}$ " x 3 $\frac{1}{2}$ " in E.R. $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "	/	INNER BOTTOM PLATING.		
State if Frame Joggled	No	/	Breadth and thickness of Middle Line Strake		
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	/	/	Thickness of remainder in Holds		
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	/	/	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?		
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	9 x $\frac{1}{4}$ 21 x 28	/	Uppermost Continuous Deck, amidships	2 x 2 x $\frac{1}{4}$	/
Height of Brackets at side above base line at toe of frame	/	/	" " in Wells, Angle, [or]	3 x 2 x $\frac{1}{4}$	/
Middle Line Keelson, on Floors, Angles, [or]	3 x 2 x $\frac{1}{4}$ double	/	" " in way of Bridge, Angle, [or]	3 x 2 x $\frac{1}{4}$	/
" " Through Plate or Intercostal Plate	5/16	/	Spacing	16	/
" " Foundation Plate on Floors	/	/	Second Deck, amidships, Angle, [or]		
" " Flat Plate Keel Angles	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x $\frac{5}{16}$	/	Spacing		
Side Keelsons, No. each side	One	/	Third Deck, amidships, Angle, [or]		
" " thickness of Intercostal Plate	None fitted	/	Spacing		
" " Angles	3 x 2 x $\frac{1}{4}$	/	Fourth Deck, amidships, Angle, [or]		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	/	/	Poop Deck, Angle, [or]		
" " Are Frame and Reversed Frame joggled?	/	/	Spacing		
Bracket Floors, breadth and thickness at middle line	/	/	Bridge Deck, Angle, [or]		
" " breadth and thickness at margin plate	/	/	Spacing		
			Forecastle Deck, Angle, [or]		
			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 only</i>	<i>✓</i>	Stringer Plate, breadth and thickness in way of Bridge		
" in 'tween Decks, Size and Spacing.....	<i>1 1/2 dia. solid</i>	<i>✓</i>	Thickness of Plating abreast Deck openings in way of Wells		
" " " " " "	<i>under cockpit coaming</i>	<i>✓</i>	Thickness of Plating abreast Deck openings in way of Bridge		
" in Holds " " " "			Thickness of Plating within line of openings...		
" " " " " "			If Sheathed, material and thickness		
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....			Stringer Plate, breadth and thickness.....		
Plating, thickness of			If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	<i>32 x 1/4</i>	<i>✓</i>	If Plated, state thickness		
" " " " in way of Bridge	<i>32 x 1/4</i>	<i>✓</i>	Poop Deck.		
" Angle in Wells	<i>2 x 2 x 1/4</i>	<i>✓</i>	Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	<i>1/4</i>	<i>✓</i>	Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	<i>1/4</i>	<i>✓</i>	Bridge Deck.		
Thickness of Plating within line of openings.			Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness	<i>P. Riv 2"</i>	<i>✓</i>	Plating, Sheathing, material and thickness ...		
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	<i>✓</i>	<i>✓</i>	Stringer Plate, breadth and thickness.....		
			Plating, Sheathing, material and thickness ...		

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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.									
FLAT PLATE KEEL	38	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	/	Single	$\frac{1}{2}$	$2\frac{1}{4}$	Two	$\frac{1}{2}$	2	Lapped ^{3\frac{1}{2}}}	
" DBLG. (if any)	-	-	-	-									
BOTTOM PLATING, No. of Strakes ... <i>One</i> ...	36	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	/	"	$\frac{1}{2}$	$2\frac{1}{4}$	"	$\frac{1}{2}$	2	"	
BILGE PLATING, No. of Strakes ... <i>One</i> ...	34	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	/	"	$\frac{1}{2}$	$2\frac{1}{4}$	"	$\frac{1}{2}$	2	"	
SIDE PLATING, No. of Strakes	-	-	-	-									
UPPER DECK, Sheer-strake in Wells.....	33	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	/	"	$\frac{1}{2}$	$2\frac{1}{4}$	"	$\frac{1}{2}$	2	"	
UPPER DECK, Sheer-strake in Bridge ...	-	-	-	-									
STRAKE BELOW Sheer-strake in Wells.....	32	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{3}{16}$	/	"	$\frac{1}{2}$	$2\frac{1}{4}$	"	$\frac{1}{2}$	2	"	
STRAKE BELOW Sheer-strake in Bridge ...	-	-	-	-									
POOP SIDE PLATING	-	-	-	-									
BRIDGE SIDE PLATING ...	-	-	-	-									
FORECASTLE SIDE PLATING	-	-	-	-									

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) *3*

W.T. Bulkhead

As per Rule *4*

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" " Second "					
" " Third "					
" " Holds	<i>3/16</i>	<i>3 x 2 1/2</i>	<i>29 1/2</i>	<i>✓</i>	<i>✓</i>
COLLISION " (in Hold)	<i>3/16</i>	<i>3 x 2 1/2</i>	<i>30</i>	<i>✓</i>	<i>✓</i>
AFTER PEAK " "	<i>3/16</i>	<i>3 x 2 1/2</i>	<i>30</i>	<i>✓</i>	<i>✓</i>

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	<i>✓</i>	<i>✓</i>	<i>✓</i>	
STEM	<i>Forging</i>	<i>4 1/4 x 3/4</i>	<i>Alders</i>	<i>✓</i>
STERN FRAME	Propeller Post	<i>4 1/4 x 1/4</i>	<i>J.S. Foster</i>	<i>✓</i>
	Rudder "	<i>4 1/4 x 1/4</i>	<i>Sunderland</i>	<i>✓</i>
RUDDER—A x D		<i>10.42 x 1.31 = 13.65</i>		
Speed of Vessel		<i>8.7 knots on trial</i>		
RUDDER mainpiece at head	<i>Forging</i>	<i>1 3/4</i>	<i>Alders</i>	
" " heel		<i>1 1/2</i>		
" " how constructed		<i>Arms struck on o keyed</i>		
" " double or single plate coupling, vertical or horizontal		<i>Single plate</i>		
		<i>Head & main piece solid.</i>		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Lough Lough Steel & Iron Co. Ltd., Lough Lough Steel

Has the Steel been tested as required by the Rules?

Yes

Lloyd's Register Foundation

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 plans are forwarded:—
General Arrgt.
Midship Section.
Profile & Decks
Steel Expansion.
Engine Room.
Plan, Plan Frame & Rudder.

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

1st Bower
2nd "
3rd "

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) *One steel, riv. sheathed.*

Official No. ☒ ; Signal Letters ☒ Is bottom of Vessel coated with cement *Yes* if not give
particulars of composition ☒

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No.

Date. *3rd June 1924*

Dates of Surveys
held while building

Feb. 28. March 17. Apr. 4, 13, 19, 27. May 4, 26, 30.
June 7, 20. July 5, 8. Aug. 15, 16.

Total No. of Visits *15*