

STEEL STEAMER or MOTORSHIP.

Received at London Office 25 JUN 1927

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 18th June 1927

Port of Belfast

No. 9760

Survey held at Belfast

Date First Survey 13th Jan'y 1927Last Survey 16th June 1927

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

Twin screw "LAGUNILLA" (machinery aft)

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

With freeboard carrying Petroleum in bulk

State Type of Erections

Poop Forecastle Longitudinal Trunk

TONNAGE under Tonnage Deck 1742.83

CLASS 1100 A1

State if with freeboard as condition of Class Yes.

Built at Belfast

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 305

Launched 16th May 1927 Yard No. 792

Total 1742.83

Breadth (greatest moulded) B 50

Builders Harland & Wolff Ltd

Gross Tonnage 2402.37

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

Owners Lago Shipping Co Ltd

Register Tonnage 1241.75

1st Longitudinal Number (L x D) = 4575

Managers A. Weir & Co.

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

2nd Numeral L x (B + D) = 19825

Residence

REGISTERED DIMENSIONS.

FEET.

Length 305.7

Framing Depth "d," at middle of length. See Sec. 3 (1d) 13.25

Port of Registry London

Breadth 50.25

Proportions—Depth to Length—Uppermost continuous deck to top of keel 20.33

If surveyed while building, afloat, & in dry dock

Depth 14.3

Do. Long Bridge to top of keel 13.45

Yes

Draught Moulded 11'-0"

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	✓	
SIDE FRAMING. B.A. in way of Ballast Space	6 1/2 3 46	✓	Centre Girder, depth and thickness amidships	✓	
Frame Amidships, Angle, & [6 3 36	✓	" " top Angles	✓	
" " Extends up to	Upper Deck, 7' 6" x 4" x 1/2"	✓	" " bottom Angles	✓	
Reversed Frame Amidships, Angle, & [3 1/2 3 36	✓	Side Girders, No. each side and thickness	✓	
" " Extends up to	✓	✓	Margin Plate depth (excl. of flange) and thickness	✓	
Depth of Framing Girder	6, Ballast Space 6 1/2	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or [✓	✓	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	✓	
" " Second 'tween Decks, Angle, [or [✓	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓	
" " Third " " "	✓	✓	" " Gussets, spacing and scantling forward 1/4 len. from stem	✓	
Framing in Peaks, Angle & [6 3 34	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 spaced 5 1/4"	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	Yes.	✓	Breadth and thickness of Middle Line Strake	✓	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	15" web, 6 x 3 x 3/4 angle side stringer, and one tier of panting beams in peaks	✓	Thickness of remainder in Holds	✓	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	Double frames to floors & 2 extra intercostals. Midships thickness of shell maintained to Coll. Brd.	✓	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	21 x 36. Oil Tanks - 38"	✓	Uppermost Continuous Deck, amidships	5 1/2 3 34	✓
Height of Brackets at side above base line at toe of frame	48	✓	" " in way of Bridge, Angle, [or [✓	
Middle Line Keelson, on Floors, Angle, & [7 1/2 3 48	✓	Spacing	24	✓
" " Through Plate or Intercostal Plate	42 x 44	✓	Second Deck, amidships, Angle, [or [
" " Foundation Plate on Floors	✓	✓	Spacing		
" " Flat Plate Keel Angles	4 4 54	✓	Third Deck, amidships, Angle, [or [
Side Keelsons, No. each side	One Long B.H.	✓	Spacing		
" " thickness of Intercostal Plate	38 & 36	✓	Fourth Deck, amidships, Angle, [or [
" " Angles to Shell	3 1/2 3 38	✓	Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, [or [6 1/2 3 44	✓
Solid Floors, thickness and spacing	✓	✓	Spacing	24	✓
" " Are Frame and Reversed Frame joggled?	✓	✓	Long TRUNK	6 1/2 3 36	✓
Bracket Floors, breadth and thickness at middle line	✓	✓	Bridge Deck, Angle, [or [24	✓
" " breadth and thickness at margin plate	✓	✓	Spacing		
			Forecastle Deck, Angle, [or [5 1/2 3 30	✓
			Spacing	24	✓

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. Six frame spaces apart.</i>						Stringer Plate, breadth and thickness in way of Bridge					
" in Between Decks <i>Size and Spacing</i>						Thickness of Plating abreast Deck openings in way of Wells					
" " " " "						Thickness of Plating abreast Deck openings in way of Bridge					
" in Holds <i>Double Channels</i>						Thickness of Plating within line of openings					
<i>Long & Munk</i> " " "						If Sheathed, material and thickness					
Centre Line Bulkhead <i>5.14' 6" side Cr.</i>						Third Deck.					
Stiffeners and Spacing <i>B.A.</i>						Stringer Plate, breadth and thickness					
Plating, thickness of <i>Below 8' 40' 38' 36' Above</i>						If Plated, state thickness					
STRINGERS AND DECKS.						Fourth Deck.					
Uppermost Continuous Deck.						Stringer Plate, breadth and thickness					
Stringer Plate, breadth and thickness <i>in Way</i>						If Plated, state thickness					
" " " " <i>in way of Bridge</i>						Poop Deck.					
" Angle <i>in Way</i>						Stringer Plate, breadth and thickness					
Thickness of Plating abreast Deck openings <i>in way of Wells</i>						Plating, Sheathing, material and thickness					
Thickness of Plating abreast Deck openings in way of Bridge						<i>Long & Munk Bridge Deck</i>					
Thickness of Plating within line of openings						Stringer Plate, breadth and thickness					
If Sheathed, material and thickness						Plating, Sheathing, material and thickness					
Second Deck						Forecastle Deck.					
Stringer Plate, breadth and thickness <i>in Way</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 Joggled?	RIVETS.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.	
FLAT PLATE KEEL	44	8 1/4	52	52		Double	1	4	4	1 3/2	Lapped
" DELG. (if any)											
BOTTOM PLATING, No. of Strakes <i>4</i>	66	3 at 54 1 at 52	42	42		Double	7/8	3 1/2	3	7/8 3 1/8	"
BILGE PLATING, No. of Strakes	6 1/2	50	40	40		"	"	3	"	"	"
SIDE PLATING, No. of Strakes <i>2</i>	48	48	40	40		Single	3/4	3	3	3/4 2 5/8	"
UPPER DECK, Sheer-strake in Wells	49	48	40	40				3	"	"	"
UPPER DECK, Sheer-strake in Bridge											
STRAKE BELOW Sheer-strake in Wells											
STRAKE BELOW Sheer-strake in Bridge											
POOP SIDE PLATING		34				Single	3/4	2 1/2	2	5/8 2 1/4	Lapped
BRIDGE SIDE PLATING											
FORECASTLE SIDE PLATING		34				"	"	"	"	"	"

WATERTIGHT BULKHEADS.

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

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

" Deck next below

As per Rule *Five*

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D , Upper two decks					
" " <i>Deep Tanks</i>	✓	32	9x3x50 8A 25'	None.	
" " <i>Hold Wings</i>	✓	30	6x3x36 8A 3 1/2	None.	
" " <i>Oil Bunkers</i>	✓	38 1/2 30	6x3x30 8A 22	15' Semi Box Beam	
" " <i>Holds</i>	✓	40 6 28	6 1/2 x 3 x 38 8A 24	24' Semi Box "	
COLLISION " (in Hold)	✓	40 6 28	6 1/2 x 3 x 38 8A 24	24' Semi Box "	
AFTER PEAK " "	✓	48 6 30	6 x 3 x 34 8A 24	Lower 8"	

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	✓		
STEM	Forging	7 1/4 x 1 7/8		
STERN FRAME { Propeller Post	✓			
{ Rudder	"	7 1/4 x 2 1/2		
RUDDER—A x D	✓	442		
Speed of Vessel	✓	9 knots.		
RUDDER mainpiece at head	Forging	9 1/2		
" " heel		7 1/4		
" how constructed	Single Plate, keyed arms			
" double or single plate coupling, vertical or horizontal	Vertical			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Lanarkshire Steel Co*
S. Colville, Beardmore, S.A. John Bockerell, Gutfrederichs shütte, Vereinigte Stahlwerke
on Process
 Has the Steel been tested as required by the Rules? *Yes.*

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.)

Sister Vessel. Belfast Rept No 9578. I.S.S. "Ambrosio"
Four forging & casting Reports and approved sketches of Midship Sections, Profile & Deck Plans are enclosed herewith which, it is requested, may be returned to this office in order to deal with the Sister Vessels.

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

1st Bower (42722)
2nd " (42715)
3rd " (42721)

26.2.10
26.2.0
26.0.14

D.O.W. 6982 17.3.27
D.O.W. 6976 14.3.27
D.O.W. 6981 17.3.27

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 66.6 ft., Longitudinal bulkhead 30 ft., Forecastle 34 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) 1 Deck (Steel) 7 B.D.s

Official No. 149847 ; Signal Letters KWDP.

Is bottom of Vessel coated with cement Yes in places if not

Particulars of composition Bitumastic in E & B spaces Cement in Peaks Ballast Tanks Paint in Pump Rooms & Buoyancy Spaces. Nothing in way of cargo tanks or off-loads.

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,	38	33
Double bottom, if under Engines only,			Deep tanks aft, P.S.	40	28
Double bottom, if under Boilers only,			Deep tanks forward, P.S.		
Double bottom, forward,			Other tanks, if fitted,		
			(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. 763

Date 29th Jan 1927

Dates of Surveys held while building

1927
Jan 13, 25 Feb 1, 2, 8, 15, 17, 18. March 3, 7, 8, 11, 14, 16, 18, 22, 25, 28 April 4, 6, 12, 14, 21, 22, 26, 29, 30 May 2, 3, 4, 5, 6, 9, 10, 11, 12, 13, 18, 24, 25, 26 June 1, 7, 9, 10, 14, 16

Total No. of Visits 4