

STEEL STEAMER or MOTORSHIP.

Received at London Office 11 OCT 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 *8th October 1927* Port of *SUNDERLAND* No. *29528*Survey held at *Sunderland* Date First Survey *12th May 1927* Last Survey *7th October 1927*On the *(State if Machinery fitted Aft and (if Single, Twin or Triple Screw))* *Single Screw Steamer "LADY OLGA" (Machinery aft)*State Type *(Full scantling, Complete Superstructure with or without Tonnage Openings)* *Full scantling* State Type of Erections *Raised Quarter Deck, Short Bridge & Sunk Forecastle.*TONNAGE under *968.59* CLASS ** 100 A1* State if with freeboard *No* as condition of ClassDo. 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 224.7*Total *968.59* Breadth (greatest moulded) *B 35.75* Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck *See Sec. 3 (1c)* *Upper Deck 17.29* *D Quarter Deck 20.71*Gross Tonnage *1265.98* 1st Longitudinal Number (L x D) *= 3885*Register Tonnage *682.94* 2nd Numeral L x (B + D) *= 11918*REGISTERED DIMENSIONS. FEET. Framing Depth "d," at middle of length. *See Sec. 3 (1d)* *Upper Deck 14.39* *Quarter " 17.81*Length *225.0* Proportions—Depth to Length—Uppermost continuous deck to top of keel *12.99*Do. *Quarter Deck to top of keel* *10.81*Draught Moulded *15'-7"*Built at *Sunderland*Launched *Sept. 14th 1927* Yard No. *312*Builders *S. P. Austin & Son Ltd.*Owners *Gas Light & Coke Co.*Managers *Stephenson Clarke & Co. Ltd.*

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

Residence *4 St. Dunstan's Alley, London.*Port of Registry *London.*

If surveyed while building, afloat, or in dry dock

While building & afloat.

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.
IES, Spacing amidships	27	✓	Bracket Floors, Frame	✓	
" from 1/2 length to Collision bulkhead	27	✓	" " Reversed Frame	✓	
" in peaks	23	✓	" " Vertical Struts	✓	
FRAMING.			Centre Girder, depth and thickness amidships	32 1/2	.40
Amidships, Angle <i>Upper Deck 6 1/2 3 .40</i> <i>R. & Q. Deck 7 1/2 3 .42</i>			" " top Angles	3	3 .38
" Extends up to <i>Upper & Raised Quarter Decks</i>			" " bottom Angles	3 1/2	3 1/2 .40
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	ONE	.30
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	26	.40
Depth of Framing Girder	6 1/2 4 7 1/2		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3	3 .32
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	✓		" " Vertical Angles to Tank side Bracket forward 1/2 len. from stem	3	3 .32
" Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" Third " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	
Framing in Peaks, Angle	6 3 .42		Tank Side Brackets, height above base line at toe of Frame and thickness	44 1/2	.36
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 4 3/8 + 4 1/8		INNER BOTTOM PLATING.		
State if Frame Joggled	No		Breadth and thickness of Middle Line Strake	42 1/2	.50
STRENGTHENING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Deep framing & side stringers as approved</i>		Thickness of remainder in Holds	.50	
STRENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Bottom frames doubled. 3 " strakes midship thickness additional 1/2 height intervals</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?	✓	
DOUBLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line	24 .50		Uppermost Continuous Deck, <i>Forward</i> in Wells, Angle <i>6 1/2 3 .34</i>		
Height of Brackets at side above base line at toe of frame	<i>Straight floors</i>		" " in way of Bridge, Angle <i>5 1/2 3 .36</i> <i>5-3-38 offer</i>		
Middle Line Keelson, on Floors, Angles, <i>DOUBLE</i>	4 1/2 3 1/2 .45		Spacing <i>27</i>		
" " Through Plate <i>DOUBLE</i>	.50		<i>Raised Quarter Second Deck, amidships, Angle <i>6 1/2 3 .44</i> <i>6 1/2 3 .36</i></i>		
" " Foundation Plates on Floors	12 .50		Spacing <i>27</i>		
" " Flat Plate Keel Angles <i>(DOUBLE)</i>	3 1/2 3 1/2 .48		Third Deck, amidships, Angle, [or]	✓	
Side Keelsons, No. each side	One		Spacing	✓	
" " thickness of Intercoastal Plate	.46		Fourth Deck, amidships, Angle, [or]	✓	
" " Angles <i>Top 5 1/2 3 1/2 .43</i> <i>Bottom 3 3 .46</i>			Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, [or]	✓	
Solid Floors, thickness and spacing	.32 27		Spacing	✓	
" " Are Frame and Reversed Frame joggled?	NO		Bridge Deck, Angle, <i>4 1/2 3 .40</i>		
Bracket Floors, breadth and thickness at middle line	✓		Spacing <i>27</i>		
" " breadth and thickness at margin plate	✓		Forecastle Deck, Angle, <i>6 3 .34</i> <i>5 1/2 3 .34 offer</i>		
			Spacing <i>23</i>		

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.....	{ one in Bridge }				Stringer Plate, breadth and thickness in way of Bridge	✓			
„ in 'tween Decks, Size and Spacing....	{ 3" 54 }			✓	Thickness of Plating abreast Deck openings <u>in way of Wells</u>32			✓
„ „ „ „ „					Thickness of Plating abreast Deck openings in way of Bridge	✓			
„ in Holds „ „	{ large brackets }			✓	Thickness of Plating within line of openings...	.30			✓
„ „ „ „ „	{ in lieu. }			✓	If Sheathed, material and thickness	2 1/2 WP in way of accomdn			✓
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	7 1/4	.60	.48	✓	If Plated, state thickness	✓			
„ „ „ „ in way of Bridge	7 1/4	.60		✓	Poop Deck.				
„ Angle in Wells	6 x 6	.54	.48	✓	Stringer Plate, breadth and thickness	✓			
Thickness of Plating abreast Deck openings in way of Wells	Stringer only			✓	Plating, Sheathing, material and thickness ...	✓			
Thickness of Plating abreast Deck openings in way of Bridge	✓				Bridge Deck.				
Thickness of Plating within line of openings...	.34	to	.30	✓	Stringer Plate, breadth and thickness.....	.33	.30		✓
If Sheathed, material and thickness	2 1/2" W.P. in way of accomdn			✓	Plating, Sheathing, material and thickness26	2 1/2 PP		✓
Raised Quarter					Forecastle Deck.				
Second Deck.					Stringer Plate, breadth and thickness.....	.22	.30		✓
Stringer Plate, breadth and thickness in Wells	68	.42	to	✓	Plating, Sheathing, material and thickness30	3" PP under windlass		✓
	29	.34		✓					

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <i>yes</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	42	.51	.47	.47		Double	7/8	3 3/8	3R full length	7/8	3 1/8	Strapped	
„ DBLG. (if any)	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
BOTTOM PLATING, No. of Strakes <i>THREE</i>}	68 1/2 A 66 1/2 B 60 C	.45	.37	.41		Double	3/4	3	3R - 3/4 L	3/4	2 5/8	Lapped	
BILGE PLATING, No. of Strakes <i>ONE</i>}	52 1/2 D 48 1/2 E	.45	.37	.41		„	3/4	3	3R - 3/4 L	3/4	2 5/8	„	
SIDE PLATING, No. of Strakes <i>TWO</i>}	47 1/2 F Break .80	.45	.37	.41		„	3/4	3	2R full L	3/4	2 5/8	„	
UPPER DECK, Sheer- strake in Wells.....}	46 H	.54	.40	✓		„	7/8	3 3/8	4R to 3R	7/8	3 1/2 to 3 3/8	„	
UPPER DECK, Sheer- strake in Bridge <i>Upper Deck</i> Ford 49	46 Ford 49	.54 .48	.40 .37	✓	.37 forward	„	7/8 to 3/4	3 3/8 to 3	3R full L	7/8 to 3/4	3 3/8 to 2 5/8	„	
STRAKE BELOW Sheer- strake in Wells <i>Below Deck</i> 84 48 1/4	84 48 1/4	.45	✓	.37		„	3/4	3	3R to 2R	3/4	2 5/8	„	
STRAKE BELOW Sheer- strake in Bridge <i>R.Q. OK</i>	46	.47	✓	.37		„	3/4	3	3R to 2R	3/4	2 5/8	„	
<i>R.Q. OK SHEER</i> Below Deck PLATING	42 1/2	.48	✓	.37		✓	✓	✓	3R to 2R	3/4	2 5/8	„	
BRIDGE SIDE PLATING ...	✓	.30	✓	✓		single	3/4	3	1 ROW	3/4	2 5/8	„	
FOREC'TLE SIDE PLATING	✓	✓	.30	✓		„	3/4	3	1 ROW	3/4	2 5/8	„	

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Five	
Extending to Upper Deck (Sec. 3 c)		Two	
" FORECASTLE DECK		ONE	
" R.Q. Deck next below		Two	
As per Rule		FOUR	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper two decks					
" " Second					
" " Third					
" " Holds (Deep Tank)	✓ 34-30	59-34	24	✓	✓
COLLISION " (in Hold)	✓ 43-32	58-34	24	semi box beam	peak top
AFTER PEAK " "	✓ 37-30	56-30	24	cabin sole	

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Flat	plate	keel.	
STEM	rolled steel bar	7 x 1 3/4	Industrial Steel Co. Sheffield	
STERN FRAME	Propeller Post	Iron	6 3/4 x 4 3/8	
	Rudder	Forging.	6 x 4 3/8	Sunderland
RUDDER—A & D			155.07.	Forge &
Speed of Vessel	under	10 knots		Engineering Co. Ltd.
RUDDER mainpiece at head	Iron	6		
	Forging.	4 1/2		
" " heel				
" " how constructed		Forged & built		
" " double or single plate	✓	Single		
" " coupling, vertical or horizontal	✓	Horizontal		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)		Open Hearth Process
	Plates.	South Durham Steel Co.	Bolckow Vaughan & Co.
	Angles.	Cargo Fleet Iron Co.	Bolckow Vaughan & Co.
			Pearse & Partners.
	Has the Steel been tested as required by the Rules?		Yes.

EQUIPMENT No. 12564											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.	Cwts.				
30 218	1st Bower ...	25	3	0				25	8	0	14	25 1/2	Byss Improved Stockless	Not stated		Sunderland. 5/8/27 B.A.S. Parsons.
30 242	2nd „ ...	25	3	0				25	8	0	14	25 1/2	„ „ „	„ „		„ 17/8/27 J.H. Butler.
30 267	3rd „ ...	22	2	0				22	15	0	0	22	„ „ „	„ „		„ 23/8/27. — —
	Collective weight.	74	0	0								73				
60 415	Stream	6	2	14	1	2	21	8	17	2	0	6 1/2	Ordinary	N. Blomum & Sons Ltd		Typton 26/8/27 W.A. Dwyrdale.

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.	Statutory.	Break-ing.	Supplied.		Per Rule.		Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
62344	210½	1½	405	58.7	245	2	23	242	210	1½	2nd Link	N. Blomum & Sons Ltd.	Typton. 25/8/27. W.A. Dwyrdale	TOWLINE ...	90	2¼	22	90	3¼
Isop-Steam } Chain-cable } Steel Wire }	75	Cir. 3½	✓	26	✓			✓	75	Cir. 3½				HAWSEERS & WARPS	3-90	2¼	9½	90	2¼
														"	90	2	7	90	1¾
														"	✓	✓	✓	✓	✓

Steering Gear, Steam *Donkin & Co.* Steering Gear, Hand *Moore Engineering & Pipe Works.*

Boats *2-19' lifeboats 1-14' dinghy* Steering Chains, Size and Test *7/8 dia. 9.1 tons.* Windlass *Emerson, Walker & Thompson.*

Ceiling in Holds, thickness and material *bedding over bridges only 2 1/2" W.W.* Cargo Battens, thickness, material and spacing *✓*

Cargo Hatchways.-(Upper Deck) *formed of steel plates & angles.* Thickness of Hatches *3"*

Size of No. 1 Hatchway (Forward) *23'-9" x 23'-0" x 20'-0"* No. 2 *23'-9" x 23'-6" x 23'-3"* No. 3 *23'-3" x 23'-6"* No. 4 *26'-0" x 23'-6" x 23'-0"* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *No 1-3. No 2-3. No 3-4. No 4-3. No fore & afters.*

FOR S. P. AUSTIN & SON, LIMITED.
Madon
MANAGING DIRECTOR.

Builder's Signature

GENERAL DECLARATION *This vessel has been constructed in accordance with the approved plans, the Rules and Secretary's letters. The materials and workmanship are good. The freeboard has been verified and the marks cut in on the vessel's sides. The double bottom tanks, peak tanks, and deep tank amidships have been satisfactorily tested. The decks and bulkheads have been hose tested, windlass, steering gear and hand pump tried under working conditions, and all found satisfactory. The approved plans (7 in No) are forwarded herewith. Three forging certificates and one casting certificate are also enclosed.*

List of plans:- Midship Section, Profile & Decks, Rivetting list, Rudder (2) Engine & Boiler casings, Pumping Arrangement, and plans as built Midship Section, Profile & Decks.

The sister vessels are S.S. "Fireflow" Sld report No 29114, and S.S. "Homefire" Sld report No 29147

No. 10 plan

The amount of Entry Fee £ 5 : 0 : 0 } Fees applied for, *8 OCT. 1927*

Special Survey Fee.... £ 126 : 12 : 0 } Received by me, *11.10.27*

Freeboard 4 : 11 : 8

Travelling Expenses, if any £ : :

I am of opinion the Vessel should be Classed *✱ 100 A1*

State whether the Vessel has been built under Special Survey *yes* Signature *Gas. L. Rennie*

H.M. Certificate to be sent to *SUNDERLAND.* Date of issue *14/10/27* Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 14 OCT 1927*

Character assigned *- 100 A1*

Lloyd's at CP

cargo battens not fitted

thru 10.27

14/10/27

ML

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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.)

PILLARS

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Centre
Stiffen

Plating

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

1st Bower	15-1-23.	K.H.	4668.	14/6/27.
2nd "	15-1-7.	K.H.	4616	27/5/27.
3rd "	12-2-13.	M.B.	3244	28/7/27.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 26.75 ft., Bridge 15.75 ft., Forecastle 23.70 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 dk (stl)

Official No. 149913 ; Signal Letters ☒ Is bottom of Vessel coated with cement ☒ 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,	76.5	170 ✓	Fore peak tank,	23.5	169
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	11.5	23
Double bottom, if under Engines only, (aft)	20.25	30 ✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward, Amidships	6.75	115
Double bottom, forward,	63.0	128	Other tanks, if fitted,	✓	✓
Total capacity of double bottom	328		(If necessary, furnish further information by sketch.)	✓	✓

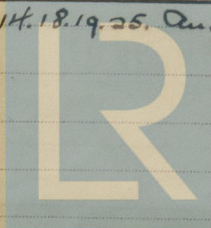
* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No. 5628

Date 31.3.27

Dates of Surveys
held while building

1927. May. 12, 26. June. 1, 3, 13, 21. July. 12, 18, 14, 18, 19, 25. Aug. 2, 3, 9, 11, 12, 15, 18, 21, 25, 29, 31.
Sep. 1, 2, 7, 9, 14, 15, 29, 30. Oct. 3, 5, 7.



Lloyd's Register
Foundation

Total No. of Visits 34.