

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office **17 OCT 1917**

Date of completion of report **12th October, 1917** State if Report is also sent on the Machinery of the Vessel **Yes**
 Survey held at **Port Glasgow** Port of **Greenock**
 On the (State if Single, Twin, or Triple Screw) **Single Screw Steamer "LANDONIA"** Date, First Survey **10th October 1916** Last Survey **11th October 1917**
 Tonnage under Deck... **2019.95** Rig **Fore & Aft schooner**

CLASS **100A1**
 (Class contemplated)
 Breadth (greatest moulded) **44.5**
 Depth, at middle of length from top of keel to top of upper deck beams at side... **21.5**
 Transverse Number... **66**
 Length on deck from fore part of stem to after part of stern post... **300**
 Longitudinal Number... **19800**
 Depth "d," at middle of length (See Secs. 2 & 13) ... **18.42**
 Proportions—Depth to Length—Upper Deck Beam at side to top of keel... **13.95**
 " " Long Bridge Deck Beam at side to top of keel... **10.34**

Master **W. L. Chambers**
 Year of appointment **1917**
 Built at **Port Glasgow**
 When built **1917** Launched **17th August 1917**
 By whom built **The Clyde S.S. & Eng. Co. Ltd.**
 Owners **Richards Turpin & Co. Ltd.**
 Managers **Swansea**
 Residence **Swansea**
 Port belonging to **London**

Destined Voyage **not fixed** If Surveyed while Building, Afloat, or in Dry Dock Building afloat.

On Deck	Feet	Inches	BREADTH—	Feet	Inches	DEPTH, ACTUAL—	Feet	Inches	No. of Decks with flat laid
rule	300	0	Moulded	44	6	Top of Floors to top of Upper Dk. Beams	19	4	One
						Do. do. do. do. Second Dk. Beams			No. of Tiers of Beams One

of Ship per Register, Length **300.2'** breadth **44.7'** depth **19.35'** Moulded depth, ft. **29** ins. **0** To Bridge Dk. Round of Upper **11** ins.
 Moulded depth, ft. **21** ins. **6** To Upper Dk. Dk. Beam, Actual

FRAMING.				PILLARS.			
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
Angles, or E or L Bars amidships	9 1/2	3 1/2	52	9 1/2	3 1/2	52	9 1/2
Peaks	6	3	38	6	3	38	6
Way of Double Bottoms at Solid Floors	3 1/2	3 1/2	34	3 1/2	3 1/2	34	3 1/2
" " L at intermdt. Bkts.	8	3	40	4 1/2	3 1/2	44	4 1/2
Frames from centre to centre amidships	30		30				
" " " from 1/2 length to Collision bulkhead	27		27				
" " " in peaks	24		24				
ED FRAME, Angles	3 1/2	3 1/2	34	3 1/2	3 1/2	34	3 1/2
Way of Double Bottoms at Solid Floors	Y	3	40	Y	3	40	Y
" " L at intermdt. Bkts.	9 1/2		and as approved				
G, depth of girder			36			36	
depth and thickness of Floor Plate							
at mid-line for 1/2 length amidships							
of Engine and Boiler Spaces							
ess at the ends of vessel			36			36	
at 1/2 the half breadth, as per Rule							
extended at the Bilges			34			34	
Cell. Double Bottoms			no flanging				
te if flanged (top & bottom)	60		60				
acing of Solid floors	37		46	37		46	
ORDER, in Dbl. bottom, dpth. & thckness	4	4	54	4	4	54	
" Angles, Top	4	4	54	4	4	54	
" " Bottom	4	4	54	4	4	54	
" " to Floors	3 1/2	3 1/2	34	3 1/2	3 1/2	34	
ockets at intermdt. frmng., wdth & thckness	36		34	36		34	
ERS, number on each side & thickness	1		34	1		34	
state if flanged (top and bottom)			no flanging				
Angles (top and bottom)	3 1/2	3 1/2	34	3 1/2	3 1/2	34	
" to Floors	3	3	34	3	3	34	
ATE, depth (exclusive of flange) and thickness	34 1/2		40	34 1/2		40	
Angle to Outside Plating	3 1/2	3 1/2	40	3 1/2	3 1/2	40	
" Floors	3 1/2	3 1/2	34	3 1/2	3 1/2	34	
ockets at intermdt. frmng., wdth & thckness	36		34	36		34	
ht of Outside Brackets above at bilge			19			19	
TOM PLATING, breadth and thickness of Middle Line Strake	37		44	37		44	
" in Engine and Boiler space	E 42	B 52	E 42 B 52				
" Remainder in Holds			40			40	
er Deck, Single Angle, Bulb	9	3	46	9	3	46	
ngle, Plate, Tee Bulb, or Channel	"	"	"	"	"	"	
ay of Long Bridge	30		30				
ing							
nd Deck, Single Angle, Bulb							
ngle, Plate, Tee Bulb, or Channel							
ing	48		46				
e Deck, Angle, Bulb Angle, Plate	8	3	44	8	3	44	
Bulb, or Channel							
es on upper edge							
ing							
e Deck, Angle, Bulb Angle, Plate	8	3	44	8	3	44	
Bulb, or Channel							
es on upper edge							
Spacing	30		30				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	44	8	3	44	
Angles on upper edge							
Spacing	27 1/2	34	27 1/2	34			

PILLARS.				KEELSONS & STRINGERS.			
Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS, In 'tween Deck, size and spacing	2 5/8	60	2 5/8	60			
" " Hold	4	60	4	60			
" " Quarter 'tween Dks.,							
" " in Hold							
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
Rider Plate							
" Flat Plate Keel Angles							
" Horizontal Plates on Floors							
" Angles of Bulb Angles							
SIDE KEELSONS, Number							
" Angles or Bulb Angles							
" Plate above floors, for length							
" Intercoastal Plate, for length							
" Attached to outside Plating with Angle							
BILGE KEELSON, Angles							
" Intercoastal Plate for length							
" Attached to outside Plating with Angle							
SIDE STRINGERS, Number	None						
" Angle							
" Intercoastal Plate, for length							
" Attached to outside plating with Angle							
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	51	62	51	62			
" " " " br'dth & thickness (in way of Bridge)	5 1/2	64	5 1/2	64			
" " " Angle (clear of Bridge)							
" " Tie Plate at sides of Hatchways							
" Deck * Iron or Steel, for full lng.							
" " Thickness (clear of Bridge)		32		32			
" " (in way of Bridge)		32		32			
" Wood Deck, Material & thickness							
Second Deck Stringer Plate, br'dth & thickness							
" Angles on ditto, No.							
" Tie Plates outside Hatchways							
" Deck * Iron or Steel, for lng.							
" Wood Deck, Material & thickness							
Third Deck Stringer Plate, br'dth & thickness							
" Angles on ditto, No.							
" Tie Plates, outside Hatchways							
" Deck * Material and thickness							
Fourth and Fifth Deck Stringer Plate, breadth & thickness							
" Angles on ditto, No.							
" Tie Plates outside Hatchways							
" Deck, Material & thickness							
Poop Deck Stringer Plate, breadth & thickness	29	32	29	32			
" Angle on ditto	3 x 3	32	3 x 3	32			
" Tie Plates		36		36			
" Deck, Material and thickness	Pitch pine	5 x 2 1/2		5 x 2 1/2			
Bridge Deck Stringer Plate, br'dth & thickness	45	50	45	50			
" Angle on ditto	4 1/2 x 4 1/2	52	4 1/2 x 4 1/2	52			
" Tie Plates		32		32			
" Deck, Material and thickness							
Forecastle Deck Stringer Plate, br'dth & th'kns	29	32	29	32			
" Angle on ditto	3 x 3	32	3 x 3	32			
" Tie Plates							
" Deck, Material and thickness	Steel						

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

W825-0137±

[illegible]

EQUIPMENT No. 21024.				ANCHORS.				TONNAGE U.K. OR PLATING No. FOR TRAWLERS.			
No. of Certificate.	Anchors.	WEIGHT, EX STOCK	WEIGHT OF STOCK	TEST, PER CERTIFICATE	WEIGHT REQUIRED BY TABLE 31.	Description of Anchor.	Makers.	Where and when tested and Superintendent.			
		Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. cwt. qrs. lbs.	Cwts. qrs. lbs.						
44994	1st Bower ...	43 0 0	Stockless	57 14 2 0	42 0 0	Hartshorn's C.S.	Hargley & Son.	Atk. 27-7-17 A. Green			
44993	2nd " ...	41 3 7	"	37 0 3 21	42 0 0	"	"	"			
78023	3rd " ...	35 3 18	"	33 2 2 0	35 2 0	"	"	"			
	4th " ...										
	Collective weight	120 2 25			119 2 0						
77861	Stream	11 0 0	3 0 0	12 14 2 0	11 0 0	Ordinary	"	Atk. 26-6-17 D.			
77689	Kedge	5 1 8	1 1 26	7 14 0 7	5 1 0	"	"	Atk. 24-5-17 D.			

Drop and mechanical tests applied / CHAIN CABLES, to test steel anchor heads, results satisfactory.										HAWSERS AND WARPS.			
No. of Certificate.	Length and size supplied.	Test per Certificate.	Weight of Chain Cable Supplied.	Per Rule.	Length and Size per Table 31.	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 31.	
	Fathoms Length. Diam.	Tons. Break. ing.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms Length. Diam.					Fathoms Length. Cir.	Tons. Break. ing.	Fathoms Length. Cir.	
64826	120 1 1/4	68 1/2	214 0 7	415 1 0	240 1 1/4	Link Hargley & Son.	Atk. 26-6-17 A. Green.	TOWLINE	"	100 4	33	100 4	
64841	120 "	"	214 3 6		"	"	" 27-6-17 D.	HAWSERS & WARPS	"	180 2 1/2	12 1/2	180 2 1/2	
			428 3 7							180 6"		180 2 1/4	

Boats 2 Lifeboats + 1 Dingy **Steering Gear,** Steam Mastie & Co. good. **Steering Gear,** Hand Diameter of Barrel 5' x 3'. State whether they are in efficient working order Yes.

Pumps, Number 1 Downbow + 4 Pumps to fore peak

Windlass is of iron, steam, makers Emerson, Walker & Thompson Captain good.

Engine Room Skylights—How constructed? Steel plates & angles. What arrangements for deadlights in bad weather? Strong bulls eyes

Coal Bunker Openings—How constructed? Steel plates & angles. How are lids secured? Plates, battens & straps. Height above deck? 30"

Number of Scuppers, and numbers and dimensions of **Freeing Ports, &c.** Scuppers for 4 aft, freeing ports 30 3 1/2 10 4 0 3 1/2 1 7 each side

Ceiling in Holds, thickness and material. 2 1/2" W.P. **Cargo Battens,** thickness and material 4 x 3 W.P.

Cargo Hatchways—How formed? Steel plates & angles. **Hatches,** If strong and efficient? Yes, 3' solid W.P.

State size No. 1 Hatch (Forward) 29' 6" x 33' 6" 20' **No. 2 Hatch** 46' 6" x 28' **No. 3 Hatch** 30' x 28' **No. 4 Hatch** 25' x 28'

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 5 web plates in No. 1 + 3 9 in No. 2 + 4 in No. 3 hatchway

Bulworks, height above deck and description Steel 45' x 36. **Main Rail, material and size** 6 x 3 x 34 B.A.

The foregoing is a correct description.
Builder's Signature (three only) J. G. OLIVE BUILDING & ENGINEERING CO. LIMITED. Surveyor's Signature R. C. HOWIE
Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence—State dates and initials of letters respecting this case (Responses should be made in any correspondence connected with the case) M. 2-12-14, 14-12-14, 15-12-14, 21-12-14, 24-12-14, 14-1-15, 16-1-15, E. 16-2-15, M. 22-4-15, 19-9-16, 20-9-16, 8-9-17

Workmanship. Are the butts of plating planed or otherwise fitted? Planed where practicable

Is the riveted work properly closed? Yes.

Are the liners between the frames and plates solid single pieces? joggled frames Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes Do any rivets break into or through the seams or butts of the plating? Only a very few.

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes.

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes State results of tests Satisfactory.

General Remarks (State quality of workmanship, &c.) This vessel has been constructed in accordance with the approved plans forwarded herewith, the Secretary's letters referred to above, and in conformity with the Society's Rules and Regulations for the Class contemplated.

The materials used in the vessels construction are good and the workmanship is good.

2 Reports on Longjoints are forwarded herewith.

1 Bulkhead in fore hold has been dispensed with, compensation provided see Secretary's letter M. 22-4-15, re approval of omission

This is a sister vessel to the S.B. Bishopston, the same Builders No. 315, Atk. Nov. 11-14-053.

The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, 24-9-1917
Special Survey Fee £ 84 : 15 : 0 Received by me. 13-11-1917
Travelling Expense, if any £ :

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 24.16 ft., R.Q.D. 80 ft., Bridge 65 ft., Forecastle 29.33 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated, the poop is joined to the R.Q. deck and the R.Q. deck is joined to the Bridge deck

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) 1 DA (steel) "Well deck"

Official No. 140365; Signal Letters _____ State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside sement and paint Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors cellular system

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,	<u>90</u>	<u>198</u>	After peak tank,		
Double bottom, if under Engines only,	<u>32.5</u>	<u>98</u>	Deep tank, aft,		<u>68</u>
Double bottom, if under Boilers only,			Deep tank, forward,		<u>129</u>
Double bottom, forward,	<u>130.75</u>	<u>320</u>	Other tanks, if fitted,		
	Total capacity of double bottom	<u>616</u>	(If necessary, furnish further information by sketch.)		

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

State whether the above have been tested as required by the Rules yes

Order for Special Survey No. 2813

Date 18.12.14

No. 314 in builder's yard.

DATES of Surveys held while building

(1916) Oct. 10. 13. 17. 19. 27. Nov. 2. 6. 9. 13. 15. 20. 21. 23. 24. 28. 30. Dec. 4. 6. 8. 12. 14. 21. 26. 28. (1917) Jan. 8. 10. 15. 17. 22. 25. 30. Feb. 1. 5. 12. 14. 16. 21. Mar. 6. 8. 12. 14. Apr. 19. 23. 25. 27. May. 1. 3. 7. 9. 11. 15. 17. 21. 24. 29. June. 1. 5. 7. 11. 13. 15. 19. 21. 25. 27. 28. July. 2. 3. 20. 25. 27. 31. Aug. 2. 13. 15. 17. 22. 27. Sep. 4. 7. 12. 14. 19. 21. 24. 25. Oct. 2. 3. 4. 5. 11.

Surveyor's Signature

Ralph Howie

Total No. of Visits 91

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