

With or Without Disconnected Erections.

Standard A. STEEL STEAMER.

WED. 4 JUN. 1919

Received at London Office

State if Report is also sent on the Machinery of the Vessel

Yes

Date of completion of report 3 JUN 1919

Survey held at SUNDERLAND

Port of SUNDERLAND

No. 27532

On the Single Screw Steamer

Date, First Survey 26 Mar '18

Last Survey 27 May 1919

CLASS F 100 A1

FEET.

Master F.A. Smith

Year of appointment

(1) As Master in service of owner of present vessel: 1914
(2) As Master of this vessel: May 1919

Built at SUNDERLAND

When built 1919 Launched 5th December 1918

By whom built R. Thompson & Sons L^d

Owners Bank Line L^d

Managers Andrew Weir & Co

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

Residence 14 Hope St. Glasgow

Port belonging to Glasgow

TONNAGE under Tonnage Deck	
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	4751.11
Do. of Poop	159.68
Do. of R.Q.Dk.	
Do. of Bridge House	22.26
Do. of Forecastle	6.24
Do. of Houses on Dk.	145.79
Do. of excess of Hatchways	64.52
Do. above Crown of Engine Room	46.49
Gross Tonnage	5196.09
Less Crew Space	239.36
Less above Crown of Engine Room	46.49
TONNAGE FOR FEES	4910.24
Less Engine Room	166.75
Less Navigation Spaces	136.87

Breadth (greatest moulded)	52.0
Depth, at middle of length from top of keel to top of upper deck beams at side	31.0
Transverse Number	183.0
Length on deck from fore part of stem to after part of stern post	400.0
Longitudinal Number	33,200
Depth "d," at middle of length (See Secs. 2 & 13)	27.5
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	12.80
" " Long Bridge Deck Beam at side to top of keel	10.26

Register Tonnage (as cut on Beam) 3157.11

Destined Voyage Venice

If Surveyed while Building, Afloat, or in Dry Dock building afloat & dry dock

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
400	0		52	0		Do. do. do. do. Second Dk. Beams	28	6	one	one

Dimensions of Ship per Register, Length 400.3 breadth 52.25 depth 29.5 Moulded depth, ft. 38 ins. 11 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 ins. Moulded depth, ft. 31 ins. 0 To Upper Dk.

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
FRAME, Angles, or [or] Bars amidships	10	3 1/2	48	10	3 1/2	48	10
Do. in peaks	8	3 1/2	40	8	3 1/2	38	8
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2
" " " at intermdt. Bkts.	9	3 1/2	42	9	3 1/2	42	9
Spacing of Frames from centre to centre amidships	26			26			26
" " " from 1/2 length to Collision bulkhead	26			26			26
" " " in peaks	24			24			24
REVERSED FRAME, Angles	6	3 1/2	40	6	3 1/2	42	6
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2
" " " at intermdt. Bkts.	8	3 1/2	46	8	3 1/2	46	8
FRAMING, depth of girder	11 1/2			11 1/2			11 1/2
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							
" in way of Engine and Boiler Spaces							
" thickness at the ends of vessel							
" depth at 1/2 the half breadth, as per Rule							
" height extended at the Bilges							
FLOORS & BRACKETS in Cell Dble Bottoms	42	38		42	38		42
" " state if flanged (top & bottom)	40			40			40
" " Spacing	78			78			78
CENTRE GIRDER, in Dbl. bottom, dpth. & thicknss.	43	50	40	43	50	40	43
" " Angles, Top	6	6	66	6	6	66	6
" " " Bottom	6	6	66	6	6	66	6
" " " to Floors	6	6	46	6	6	46	6
SIDE GIRDERS, number on each side & thickness	one	42	38	one	42	38	one
" " state if flanged (top and bottom)	40			40			40
" " Angles (top and bottom)	3 1/2	3 1/2	40	3 1/2	3 1/2	40	3 1/2
" " " to Floors	"	"	"	"	"	"	"
MARGIN PLATE, depth (exclusive of flange) and thickness	40	48		40	48		40
" " Angles to Outside Plating	4	4	48	4	4	48	4
" " " Floors	6	6	42	6	6	42	6
" " Height of Brackets above at bilge	50	32	40	50	32	40	50
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	66	48	40	66	48	40	66
" " in Engine and Boiler space	48	4	56	48	4	56	48
" " Remainder in Holds	42	38		42	38		42
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3 1/2	48	10	3 1/2	46	10
" " Angles on upper edge							
" " In way of Long Bridge	"	"	"	"	"	"	"
" " Spacing	26			26			26
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	46	9	3 1/2	46	9
" " Angles on upper edge							
" " Spacing	26			26			26
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	46	9	3 1/2	46	9
" " Angles on upper edge							
" " Spacing	26			26			26
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	40	8	3	38	8
" " Angles on upper edge							
" " Spacing	26			26			26
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	46	9	3 1/2	46	9
" " Angles on upper edge							
" " Spacing	26			26			26
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	46	9	3 1/2	46	9
" " Angles on upper edge							
" " Spacing	26			26			26
PILLARS.				KEELSONS & STRINGERS.			
PILLARS, In 'tween Deck, size and spacing	27 1/2	52	27 1/2	52	27 1/2	52	27 1/2
" " Hold	5 3/4	52	5 3/4	52	5 3/4	52	5 3/4
" " 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 or 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							
" " Angle							
" Intercoastal Plate, for length							
" Attached to outside plating with Angle							
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	67	76	67	76	67	76	67
" " " " br'dth & thickness (in way of Bridge)	"	148	"	148	"	148	"
" " " Angle (clear of Bridge)	5 x 5	66	5 x 5	66	5 x 5	66	5 x 5
" " Tie Plate at sides of Hatchways							
" " Deck * Iron or Steel, for full lng.							
" " Thickness (clear of Bridge)	76	45	76	45	76	45	76
" " (in way of Bridge)	40	36	40	36	40	36	40
" " Wood Deck. Material & thicknss							
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	35	30	35	30	35	30	35
" Angle on ditto	3 1/2	3 1/2	34	3 1/2	3 1/2	34	3 1/2
" Tie Plates							
" Deck. Material and thickness	Steel	30		30	Steel	30	
Bridge Deck Stringer Plate, br'dth & thickness	63	54	63	54	63	54	63
" Angle on ditto	5 x 5	60	5 x 5	60	5 x 5	60	5 x 5
" Tie Plates							
" Deck. Material and thickness	44		44		44		44
Forecastle Deck Stringer Plate, b'dth & th'kns	35	30	35	30	35	30	35
" Angle on ditto	3 1/2	3 1/2	34	3 1/2	3 1/2	34	3 1/2
" Tie Plates							
" Deck. Material and thickness	Steel	30		30	Steel	30	

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

WEB FRAMES.										FORGINGS or CASTINGS.									
WEB-FRAMES, In Fore Body, No. and spacing										Inches in Ship.									
No. of Side Stringers										Inches per Rule.									
3 webs in fore body as per approved plan.										10 1/2 x 2 3/4 10 1/2 x 2 3/4									
WEB-FRAMES, In E. & B. Space, No. and spacing										STEM, moulding and thickness									
None										9 x 7 1/2 9 x 7 1/2									
WEB-FRAMES, In After Body, No. and spacing										STERN-POST for Rudder do. do.									
Straining in E. & B. as per approved plan.										10 1/2 x 7 1/2 10 1/2 x 7 1/2									
No. of Side Stringers										RUDDER-A x D Table 22. Speed Under 12 K.									
Size of Face Angles to Web-Frames										Main-Piece, diameter at head									
BRACKET PLATES to Stringers between Web Frames, depth and thickness										10 1/2 10 1/2									
BULKHEADS.										RUDDER, how constructed									
W.T. BULKHEADS										Butt & forged									
Aft. PK										Thickness of Plates or Single Plate									
Aft. hold										1.10									
E. & B.										Can the Rudder be unshipped afloat?									
Frame 11a										yes									
COLLISION										Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.?									
PARTITION										Cousins. Balchows Vaughan									
LONGITUDINAL										Do. Durham. Cargo Fleet. Palmers									
Are the outside Plates doubled two spaces of Frames in length?										Buckley fitted									
Are the Staircase Valves and Watertight Doors in efficient working order?										yes									
PLATING.										RIVETING.									
STRAKES.										EDGES.									
AS IN SHIP.										ORDINARY or JOGGLED?									
PER RULE OR AS APPROVED.										DOUBLE or TREBLE and for what length.									
BREADTH. THICKNESS.										RIVETS.									
BREADTH. THICKNESS.										STRAPS.									
BREADTH. THICKNESS.										IF LAPPED.									
FLAT PLATE KEEL										Double									
GARBOARD or A Strake										Double									
State actual thickness in way of Double Bottom.										Double									
B										Double									
C										Double									
D										Double									
E										Double									
F										Double									
G										Double									
H										Double									
J										Double									
K										Double									
L										Double									
M										Double									
N										Double									
O										Double									
P										Double									
Q										Double									
R										Double									
S										Double									
T										Double									
U										Double									
V										Double									
W										Double									
THICKNESS OF SHEERSTRAKE										Double									
CLEAR OF LONG BRIDGE										Double									
DO. OF STRAKE BELOW										Double									
DELG. of Flat Plate Keel										Double									
Sheerstrakes										Double									
Length and thickness.										Double									
POOP SIDES										Double									
SHORT BRIDGE SIDES										Double									
FORECASTLE SIDES										Double									
Upper Deck										Butts of Side Stringers									
Butts riveted for										riveted.									
Straps, single or double overlapped for										riveted.									
Inner Bottom Plating, riveting of Edges										riveted.									
Centre Girder Butts, riveted										riveted.									
Frames, riveted through Plates with										riveted.									
Rivets, state whether Iron or Steel										Iron									
FRAMES extend in one length from										State if ordinary or jogged									
REVERSED FRAMES on floors and frames extend from										State if ordinary or jogged									
MASTS, SPARS, &c.										RIVETING.									
Material. Total Length.										BUTTS.									
DIAMETER AND THICKNESS.										SEAMS.									
At Partners. Heel. Rounds. Head.										Butts.									
No. of Plates in round.										Butts.									
Angles. Number. Size.										Butts.									
LOWER MASTS.										Butts.									
Fore										Butts.									
Main										Butts.									
Mizen										Butts.									
Bowsprit										Butts.									
Topmasts, Yards and Remainder of Spars										Butts.									
Wood. Derricks, steel lattice work										Butts.									
Rigging, Material and Size, Shrouds										Butts.									
4 1/4" Steel Wire										Butts.									
Sails.										Butts.									
None										Butts.									
Sails, and the following spare sails										Butts.									

EQUIPMENT No. 34719										ANCHORS.										TONNAGE U. D. K. OR PLATING No. FOR TRAWLERS									
WEIGHT EX. STOCK										WEIGHT REQUIRED BY TABLE 31.										Description of Anchor.									
Cwts. qrs. lbs.										Cwts. qrs. lbs.										Makers.									
23519 1st Bower										48 7 2 0										Buss Stockless									
23559 2nd										47 19 2 21										" "									
23548 3rd										43 10 3 21										" "									
23259 4th										170 2 0										Mechanical test of W. Campbell									
23760 Stream										16 1 14 5 0 0										Common									
Kedge										7 2 0 1 3 14										" "									
CHAIN CABLES.										HAWERS and WARPS.																			
Length and size supplied.										Length and size supplied.																			
Fathoms. Ins. Tons.										Fathoms. Ins. Tons.																			
11452 210 2 1/2 8 1/2										270 2 1/2 8 1/2										S. Taylor Sons Ltd. 29.8.18									
Iron Stream Chain or Steel Wire										90 4 1/4 47 1/2										W. Campbell									
Boats										4 lifeboats, wood, 24' 0"										Steering Gear, Steam fitted									
Pumps, Number										One to fore peak, top										Steering Gear, Hand none									
Windlass is										G. Emerson Walker & Thompson Barrow										State whether they are in efficient working order									
Engine Room Skylights.										How constructed? Steel										What arrangements for deadlights in bad weather? Lids & bolts									
Coal Bunker Openings.										How are lids secured? Steel coverings										Height above deck? 30"									
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.										6 scuppers on each side, 8 ports on each side, 48 x 17 x 36 x 15"										Hatches, If strong and efficient? yes									
Ceiling in Holds, thickness and material										2 1/2" W.P. on lumber and tanks										Cargo Batts, thickness and material									
Cargo Hatchways.										How formed? Steel coverings										No. 1 Hatch 32' 6" x 20' 0"									
State size No. 1 Hatch (Forward)										No. 2 Hatch 34' 8" x 20' 0"										No. 3 Hatch 34' 8" x 20' 0"									
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch										No. 1 2 x 3 = 6 webs, No. 2 5 webs, No. 3 5 webs										No. of Crutches deep floors									
Bulwarks, height above deck and description										3' 8" Steel 30										Main Rail, material and size									
The foregoing is a correct description										J. P. Thompson										Surveyor's Signature									
Builder's Signature (here only)										J. P. Thompson										Surveyor to Lloyd's Register of British and Foreign Shipping.									
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)																													
Workmanship. Are the butts of plating planed or otherwise fitted? planed																													
Is the riveted work properly closed? yes																													
Are the liners between the frames and plates solid single pieces? yes																													
to plate, &c., conform well to each other? yes																													
Do the holes for riveting plate to frames, butt straps, or plate																													
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? one or two																													
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 built in accordance with the approved plans & generally in accordance with the Society's Rules & the Shipping Controller's requirements. The workmanship throughout is good.																													
The following departures from usual practice have been made viz:—																													
1. Chain cables reduced in length as above stated, Kedge anchors supplied.																													
2. No hand steering gear fitted, arrangements made for steering from the aftermost steam winch by block & tackle.																													
3. The double bottom tanks, including the Engine & Boiler space have been arranged for the carriage of oil fuel, they have been tested by water pressure to the height of the upper tank & all the requirements of the specification relating to the carriage of oil fuel have been carried out. Cement is fitted in the usual manner in the Engine & Boiler room tanks, but in the remainder of the double bottom cement fillings only, fitted at the plate edges.																													
4. No hand pumps fitted in holds.																													
The Surveyor should state the Number of Report and Name of any Sister Vessel.																													
The amount of Entry Fee										Fees applied for,										Certificate to be sent to									
Special Survey Fee										28.5.1919										LLOYD'S									
Travelling Expenses, if any										31.5.1919										Date of issue 23.6.19									
State whether the Vessel has been built under Special Survey yes																													
I am of opinion this Vessel should be Classed + 100 A1																													
With, or without Freeboard, as condition of Class without																													
Committee's Minute TUE. 17 JUN. 1919																													
Character assigned 100 A1																													
Carrying oil fuel T.P. above 150° F. in O.P.																													
Phyds A & B. O.																													
Lins for oil fuel T.P. above 150° F.																													

GENERAL REMARKS—(continued).

An installation has been fitted for burning oil fuel and the requirements of Section 49 of the Rules have been complied with
T. Shaw

Damage stated to have been sustained on 5th December 1918 during operation of launching:— Found, Rudder post of Stern frame twisted and one gudgeon fractured, lower post of rudder bent and fractured

Now done, Stern frame removed, rudder post renewed, frame refitted and after peak tested on completion of repairs, Rudder frame unshipped, lower post, top arm and three pintles renewed, rudder reshipped tried over found satisfactory. The repairs were effected in the Middle Dry Dock, South Shield. Please see repair report from Newcastle Surveyors

Ellmann
Newcastle

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49.3 ft., R.Q.D. — ft., Bridge 112.6 ft., Forecastle 38.7 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated —

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 SH. (SH)

Official No. 141902; Signal Letters —

State if Machinery is fitted aft 40

How are the surfaces preserved from oxidation? Inside Paint & Cement, see note re cement on Outside. Paint
Page 3

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	121.3	331	Fore peak tank,		137
Double bottom, under Engines and Boilers,	39.0	156	After peak tank,		213
Double bottom, if under Engines only,	—	—	Deep tank, aft,		—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,		—
Double bottom, forward,	179.8	570	Other tanks, if fitted,		—
Total capacity of double bottom		1057	(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 (can also be)

Order for Special Survey No 3325

Date 6.3.1918

No. 307 in builder's yard.

DATES of Surveys held while building

1918. Mar 26 Apr 10. 16.30. May 9. 16. 24. 31. Jun 6. 13. 18 Jul 5. 12. 24 Aug 9. 14. Sept 5. 18. 25 Oct 1. 4. 11
1922. 24. 28. 30. Nov 1. 2. 5. 8. 20. 22. 25. 27. 29. Dec 2. 3. 5. 7. 11. 16. 19. 20. Jan 8. 15. 20. 30. 31. Feb 6. 7. 11. 14. 17. 20
Mar 4. 14. 26 Apr 9. May 12. 24. 27

Total No. of Visits 74

Surveyor's Signature

Ellmann

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Total No. of Visits 74
Lloyd's Register
Foundation