

Shelter Deck,

STEEL STEAMER.

No. 27643

Pl. Awning Deck.

State of Report is also sent on the Machinery of the Vessel. ☒ Yes

Port of SUNDERLAND Date of completion of Report 28 OCT 1919

Received at London Office 22nd October 1919

Survey held at SUNDERLAND Date, First Survey 9 Dec 1918 Last Survey 22nd October 1919

On the (State of Single, Twin, or Triple Screw) STEEL SINGLE SCREW S.S. LINERTON Rig SCHOONER

TONNAGE under 6451.64

CLASS 100 A.1.

Master H.E. DOWELL

Year of Appointment 1919

Do. between Tonnage Dk. and

3rd, 4th, or Awning Dk.

Total under Upper Dk.

Do. of Poop

Do. of R. or Dk.

Do. of Side Houses

Do. of Forecastle (Houses in)

Deck 100.21

Hatchways 43.60

of 63.19

ce 6697.77

in of 195.64

FEES... 63.19

om 6438.94

Spaces 2143.29

ers of E.R. 227.96

image 63.19

4130.88

Breadth (greatest moulded) 55.16

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

beams at side of uppermost Continuous Deck 37.00

Deduct height of 'tween deck when this does not exceed 8ft. 92.16

Transverse Number 8.00

Length on deck from fore part of stem to after part of

sternpost 84.16

Longitudinal Number 412.08

Depth "d" at middle of length. See Secs. 2 & 18 34680

Proportions, Depths to Length, Uppermost Continuous

Deck at side to top of keel 25.4

Upper Deck at side

to top of keel 11.13

Destined Voyage HAMPTON ROADS

Built at SUNDERLAND

When built 1919 Launched 29.7.19

By whom built MESSRS. W. DOXFORD & SONS LD.

Owners MESS^{rs} R. CHAPMAN & SON

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

Residence MARITIME BUILDINGS, NEWCASTLE-ON-TYNE

Port belonging to NEWCASTLE

Surveyed while Building, Afloat, on Dry Dock, Under Special Survey

on	Fl.	Ins.	BREADTH	Fl.	Ins.	DEPTH, ACTUAL	Top of	Shelter Dk. Beams	Fl.	Ins.	No. of Decks with flat laid
ale	4/2	1	Moulded	55	2	Do.	do.	Upper Deck Beams	34	5	ONE + SHELTER

Ship per Register,	34.4	Awning or Shelter Dk.	Moulded depth, ft.	37	ins.	0	To Awning or Shelter Dk.	Round up of Uppermost	13	ins.
length 412.6	breadth 55.5	depth. 26.4	Upper Deck.	Moulded depth, ft.	29	ins.	0	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.
Bars, amidships	12x3 1/2 x 3 1/2	40	12x3 1/2 x 3 1/2	40	8	3	40
of Double Bottoms at Solid Floors	3 1/2	3 1/2	42	3 1/2	3 1/2	42	42
" at intermdt. Bkts.	-	-	-	-	-	-	-
comes from centre to centre amidships	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2
" to collision bulkhead " from	24	24	24	24	24	24	24
comes from centre to centre in peaks	24	24	24	24	24	24	24
FRAME, Angles	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2
of Double bottoms at Solid Floors	-	-	-	-	-	-	-
" at intermdt. Bkts.	-	-	-	-	-	-	-
depth of girder	12	12	12	12	12	12	12
th and thickness of Floor Plate	3 1/2	3 1/2	42	3 1/2	3 1/2	42	3 1/2
nd-line for 1/2 length amidships	3 1/2	3 1/2	42	3 1/2	3 1/2	42	3 1/2
y of Engine and Boiler spaces	3 1/2	3 1/2	42	3 1/2	3 1/2	42	3 1/2
ness at the ends of vessel	3 1/2	3 1/2	42	3 1/2	3 1/2	42	3 1/2
at 1/2 the half-bdth. as per Rule	3 1/2	3 1/2	42	3 1/2	3 1/2	42	3 1/2
extended at the Bilges	3 1/2	3 1/2	42	3 1/2	3 1/2	42	3 1/2
Cell Double Bottoms	40	50 1/2	40	50 1/2	40	50 1/2	40
ate if flanged (top and bottom)	NO	NO	NO	NO	NO	NO	NO
acing of Solid	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2
ORDER, in Dbl bottom, dpth. & thknss	44	52	60 1/2	44	52	60 1/2	44
" Angles, Top Single	6	6	66	6	6	66	6
" " Bottom Single	6	6	66	6	6	66	6
" " to Floors Single	6	6	66	6	6	66	6
ackets at intermdt. frmg., wdth & thknss	-	-	-	-	-	-	-
ERS, number and thickness	2 ea. Size 40	50 1/2	2 ea. Size 40	50 1/2	2 ea. Size 40	50 1/2	2 ea. Size 40
state if flanged (top & bottom)	NO	NO	NO	NO	NO	NO	NO
gles	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2
LATE, depth (exclusive of flange)	38	48	58 1/2	38	48	58 1/2	38
and thickness	3 1/2	8 1/2	55	3 1/2	8 1/2	55	3 1/2
gles to outside plating	3 1/2	8 1/2	55	3 1/2	8 1/2	55	3 1/2
" to floors	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2
ackets at intermdt. frmg., wdth & thknss	-	-	-	-	-	-	-
ight of Brackets above at bilge	34	34	34	34	34	34	34
FROM PLATING, breadth and	44	52	56 1/2	44	52	56 1/2	44
knss of Middle Line Strake	55	55	55	55	55	55	55
thickness in Engine and Boiler space	55	55	55	55	55	55	55
Remainder in Holds	INCREASED	08	UNDER	40	UNDER	40	UNDER
or Shlir Dk. Single Angle	9	3 1/2	52	9	3 1/2	52	9
Angle, Plate, Tee Bulb or Channel	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2
per Deck, Single Angle, Bulb Angle	12 x 3 1/2	50	12 x 3 1/2	50	12 x 3 1/2	50	12 x 3 1/2
Angle, Plate, Tee Bulb or Channel	53	53	53	53	53	53	53
and, Third & Fourth Deck Stringer	12 x 3 1/2	50	12 x 3 1/2	50	12 x 3 1/2	50	12 x 3 1/2
Angle, Bulb Angle, Plate, Tee Bulb or Channel	53	53	53	53	53	53	53
Angles on upper edge	53	53	53	53	53	53	53
Spacing	53	53	53	53	53	53	53
BEAMS, Poop Deck, Angle, Bulb Angle, Plate,	9	3 1/2	52	9	3 1/2	52	9
Tee Bulb or Channel	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2
Angles on upper edge	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2
Spacing	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate,	9	3 1/2	52	9	3 1/2	52	9
Tee Bulb or Channel	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2
Angles on upper edge	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2
Spacing	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2
BEAMS, Forecastle Deck, Angle, Bulb Angle,	9	3 1/2	52	9	3 1/2	52	9
Plate, Tee Bulb or Channel	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2
Angles on upper edge	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2
Spacing	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2	26 1/2

Awning or Shelter Deck Stringer Plates,

breadth and thickness

Angle on ditto

Tie Plates, inside and out, outside Hatchways

Deck * Lower Steel, for Full lng.

Wood Deck. Material & thickness

Upper Deck Stringer Plate, breadth and

thickness

Angles on ditto, No. Two

Tie Plates, outside Hatchways

Deck * Lower Steel, for Full lng.

Wood Deck. Material & thickness

Second Deck Stringer Plates, breadth & thick

Angles on ditto, No.

Tie Plates, outside Hatchways

Deck * Material and thickness

Third, Fourth & Fifth Deck Stringer Plate,

breadth and thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Deck * Material and thickness

Poop Deck Stringer Plate, breadth & thickness

Angles on ditto

Tie Plates

Deck * Material and thickness

Bridge Deck Stringer Plate, br'dth & thickness

Angle on ditto

Tie Plates

Deck * Material and thickness

Forecastle Deck Stringer Plate, br'dth & th'kns

Angle on ditto

Tie Plates

Deck * Material and thickness

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

WEB FRAMES.				FORGINGS OR CASTINGS.			
Inches in Ship.				Inches in Ship.			
WEB FRAMES, In Fore Body, No. and spacing				KEEL, Max. depth and thickness			
No. of Side Stringers				FLAT PLATE KEEL			
WEB FRAMES, In E. & B. Space, No. and spacing				STEM, moulding and thickness			
brdth. & thickness				10 1/2 x 2 1/4			
WEB FRAMES, In After Body, No. and spacing				STERN-POST for Rudder do. do.			
brdth. & thickness				C.S. 9 x 8			
No. of Side Stringers				for Propeller			
Size of Face Angles to Web-Frames				C.S. 10 1/2 x 8			
2 Web-Frames on Ea. Side in TERN				RUDDER-A x D* Table 22. Speed 10-12 knots 160-36 x 4.69 = 752.08			
Web-Frames, depth and thickness				Main-Piece, diameter at head			
DAS. AS PER APPROVED PLANS				12" x 12"			
BULKHEADS.				RUDDER, how constructed			
Number, Thickness, Horizontal, Vertical, Single or Double, Height up, state deck.				FORGED WITH ARMS SHRUNK ON			
W.T. BULKHEADS				Thickness of Plates or Single Plate			
8 7				1-10			
After Main				Can the Rudder be unshipped afloat?			
After Main				Yes			
DEEP TANK				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			
ENGINE ROOM				Plates, Plating, &c. OPEN HEARTH PROCESS			
BOILER ROOM				STEEL PLATES: SOUTH DURNAM, CONSETT & BOLEHON VAUGHAN			
CROSS BUNKER				STEEL ANGLES: CARGO FLEET, CONSETT & DORMAN LONG			
FORE MAIN				Has the Steel been tested as required by the Rules? Yes			
COLLISION							
LONGITUDINAL							
B. BULKHEADS - 6 TO SHELTER DECK, 2 TO UPPER DECK							
Are the outside Plates doubled two spaces of Frames in length? Afloat. Bnts. in Lieu							
Are the Side Valves and Watertight Doors in efficient working order? Yes							
PLATING.				RIVETING.			
AS IN SHIP.				EDGES, Joggled			
STRAKES				BUTTS.			
AMIDSHIP, FORWARD, AFT.				Ordinary or Joggled?			
Breadth, Thickness, Thickness, Thickness, Breadth, Thickness.				Single or Double, Breadth of Lap, Rivets, Double or Triple and for what length, Rivets, Straps, If Lapped.			
FLAT PLATE KEEL				Dole 6 3/4 1 1/2 4 1/2 QUAD 1/2 1 1/2 1 1/2 16 FULL			
GARBOARD OF A STRAKE				5 1/2 1 1/2 3 1/4 TRES. 3/8 3 1/2 1 1/2 9			
State actual thickness in any of Double Bottom.							
B							
C							
D							
E							
F							
G							
H							
J							
K							
UPPER DECK SHEER L				QUAD 1/2 1 1/2 1 1/2 12			
SHELTER DECK SHEER M				TRES. 3/8 3 1/2 1 1/2 9			
N							
O							
P							
Q							
R							
S							
T							
U							
V							
W							
X							
Y							
Z							
THICKNESS OF STRAKE							
CLEAR OF LONG BRIDGE							
DO. OF STRAKE BELOW							
DELG. of Flat Plate Keel							
Sheerstrakes							
Length and thickness							
POOP SIDES							
SHORT BRIDGE SIDES							
FORECASTLE SIDES							
Butts, TRES. riveted for Full length amidship.				Butts of Side Stringers riveted.			
Shelter Deck Stringer Plate Straps, single, double overlapped for Full length amidship.				Tie Plates riveted.			
Upper Deck Stringer Plate Butts, TRES. riveted for Full length amidship.				Inner Bottom Plating, riveting of Edges Dole & Sole Butts TRES. Dole & Sole			
Straps, single overlapped for Full length amidship.				Centre Girder Butts, TRES. riveted Keelson Butts, riveted.			
				Frames, riveted through Plates with 3 x 1 in. Rivets, about 5 1/2 x 6 apart.			
				Rivets, state whether Iron or Steel IRON			
FRAMES extend in one length from CENTRE LINE to MARGIN PLATE & THENCE TO SHELTER DECK State if ordinary or joggled ORDINARY							
REVERSED FRAMES on floors and beams extend from CENTRE LINE TO MARGIN PLATE State if ordinary or joggled ORDINARY							
MASTS, SPARS, &c.							
Material, Total Length, At Partners, Heel, Rounds, Head, No. of Plates in round, ANGLES, Riveting.							
LOWER MASTS							
Fore STEEL 27' 6" 24 x 40 16 x 34 Two 16 x 34							
Main 27' 6" 24 x 40 16 x 34 Two 16 x 34							
Mizen							
Topmasts, Yards and Remainder of Spars							
Rigging, Material and Size, Shrouds 4 GALVANISED STEEL WIRE Stays 3 1/4 GALVANISED STEEL WIRE							
Sails, No Sails Suit of Sails, and the following spare sails							

EQUIPMENT No. 37404 LETTER A7										ANCHORS.									
Number of Certificate.										Where and when tested and Superintendent.									
52174 1st lower 68 3 14 53 1 3 14 68 0 0 BYERS PATENT S. Taylor & Sons Ltd. 11-3-19 - C.E. PEARNS																			
52230 2nd 68 2 10 52 1 3 0 68 0 0 Do. Do. 18-3-19 - Do.																			
52229 3rd 58 0 0 47 5 0 0 58 2 0 Do. Do. 18-3-19 - Do.																			
81942 Stream 19 0 6 5 1 1 19 19 2 21 19 0 0 1st 3700 H. Hindley & Sons Ltd. 11-3-19 - H. G. GREEN																			
81939 Kedge 8 0 8 2 0 26 10 5 0 0 8 0 0 Do. Do. 18-3-19 - Do.																			
Particulars of Drop Test of Cast Steel Anchors, viz.:-										1st Bower 46-0-21 - C.E.H. - 486 - 7-10-18									
Weight, Surveyor's Initials, Number of Certificate, Date of Test.										2nd 45-0-18 - J.D. - 2219 - 29-7-8-18									
										3rd 37-0-7 - J.D. - 1926 - 3-5-6-18									
CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate, Length and size supplied, Test per Certificate, Weight of Chain Cable, Length and size per Table 31, Description, Makers of Cables, Where and when tested, and Superintendent.										Length and size supplied, Breaking Test of Steel Wire, Length and size per Table 31, Material, Length and size supplied, Breaking Test of Steel Wire, Length and size per Table 31.									
12170 135 2 1/4 96 1/4 144 3/4 366-2-21 360-1-16 135 2 1/4 Do. Do. 25-7-19 - Do.										12171 135 2 1/4 96 1/4 144 3/4 366-2-21 360-1-16 135 2 1/4 Do. Do. 25-7-19 - Do.									
Boats 3 LIFEBOATS 24' 0" 1 DINGHY 18' 0"										Steering Gear, Steam DONKIN & Co Steering Gear, Hand									
Pumps, Number ONE 5 H.P. PUMP TO FORE PEAK TANK										Diameter of Barrel State whether they are in efficient working order									
Windlass is EMERSON WALKER & THOMPSON BROS. LD.										Capstan									
Engine Room Skylights, How constructed? OF STEEL										What arrangements for deadlights in bad weather? STEEL FLAPS & BULLEYES									
Coal Bunker Openings, How constructed? OF STEEL										How are lids secured? CLEATS & BATTENS Height above deck? 30"									
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 9 SCUPPERS EACH SIDE. NO FREEING PORTS										Cargo Battens, thickness and material 2 1/2 x 6 Cornex in Holds Only									
Ceiling in Holds, thickness and material 2 1/2" W. WOOD OVER BILGES ONLY										Hatches, If strong and efficient? Yes									
Cargo Hatchways, How formed? OF STEEL. Usual Construction										State size No. 1 Hatch (Forward) 26-6 x 20-0 No. 2 Hatch 30-11 x 20-0 No. 3 Hatch 26-6 x 20-0 No. 4 Hatch 26-6 x 20-0									
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 4 WEBS TO NO. 1 & 4 HATCHES - 5 WEBS TO NO. 2 HATCH										No. of Breasthooks 5 AND DECK No. of Crutches DEEP FLOORS									
No FORE & AFTERS																			
Bulwarks, height above deck and description OPEN RAILS & STANCHIONS										Main Rail and Stays, material and size									
The foregoing is a correct description.										Builder's Signature (here only) FOR WILLIAM DOXFORD & SONS, LIMITED. J. Gallacher									
Correspondence, State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)										ALL CORRESPONDENCE REFERRING TO F. TYPE VESSELS									
Workmanship, Are the butts of plating planed or otherwise fitted? PLANED AND OVERLAPPED										Is the riveted work properly closed? Yes									
Are the liners between the frames and plates solid single pieces? Yes										Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes									
Are the rivets between the frames and plates solid single pieces? Yes										Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? Yes									
Are the butts of plating, stringers, &c., properly shifted and strapped? Yes										Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? 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, THE LETTERS AS STATED ABOVE AND OTHERWISE IN ACCORDANCE WITH THE RULES FOR THE CLASS CONTEMPLATED. THE MATERIALS AND WORKMANSHIP ARE GOOD AS AN EMERGENCY MEASURE THE DONKIN PUMP HAS BEEN DISPOSED WITH AS PER SECRETARY'S LETTER DATED 18-8-19 THE VESSEL HAS NO TONNAGE OPENING									
The amount of Entry Fee £ 297 : 13 : 9										Fees applied for, 14 10 1919									
Special Survey Fee £										Received by me, 11/11/1919 RBN									
Travelling Expenses, if any £										Certificate to be sent to SUNDERLAND State of Issue 13/11/19									
State whether the Vessel has been built under Special Survey Yes																			
I am of opinion this Vessel should be Classed 100 A.1. SHELTER DECK (WITH FREEBOARD) L.A.C.P.										L. A. C. P. + T. Pratt									
With, or without Freeboard, as condition of Class WITH										Surveyors to Lloyd's Register of Shipping.									
Committee's Minute TUE. NOV. 4 1919																			
Character assigned 100 A.1																			
Shelter dk with fld										Lloyd's A.C.P. + RMC 10.19 F.D.									
Cargo battens not fitted in tween decks																			

W1196-0119 2/2

GENERAL REMARKS—(continued).

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 (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given should appear in the Register Book) *1 DK. STEEL AND SHELTER DK. STEEL. 2 TBS. BEAMS. RECORD OF WIRELESS SHOULD APPEAR IN REGISTER*

Official No. *142849*; Signal Letters *✓*

State if Machinery is fitted aft *No*

How are the surfaces preserved from oxidation? Inside *BITUMASTIC COMPOSITION IN DEEP TANK. CEMENT IN DOUBLE BOTTOM UNDER E & B, IN BILGES AND AFTER PEAK. CEMENT FILLINGS ELSEWHERE IN D.B.* Outside *PAINT*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>147.54</i>	<i>493</i>	Fore peak tank,	—	<i>448</i>
Double bottom, under Engines and Boilers,	<i>44.16</i>	<i>204</i>	After peak tank,	—	<i>292</i>
Double bottom, if under Engines only,	—	—	Deep tank, aft,	<i>26.5</i>	<i>1619</i>
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	<i>174.45</i>	<i>637</i>	Other tanks, if fitted,	—	—
Total capacity of double bottom		<i>1334</i>	(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. *5385*

Date *21.12.18*

No. *539* in builder's yard.

DATES OF SURVEYS held while building

1918 Dec 9. 12. 24. Jan 8. 14. 27. Feb 6. 20. 24. 26. 28. Mar 7. 14. 18. 25. 27. Apr 24. 30. May 7. Jun 12. 20. 25. 24. Jul 2. 4. 7. 8. 9. 11. 14. 15. 18. 22. 25. 28. 30. Aug 6. 11. 13. 15. 21. Sep 2. 8. 12. 15. 17. 22. 24. 27. 30. Oct 3. 7. 8. 12. 15. 16. 17. 22.

Surveyor's Signature

L. R. Aitken
Total No. of Visits *60*
Lloyd's Register Foundation