

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office WED. OCT. 20 1920

Date of completion of report 15th October 1920 Port of NEWCASTLE-ON-TYNE No. 73688
Survey held at South Shields Date, First Survey 19th Sept 1919 Last Survey 5th October 1920

On the (State if Single, Twin, or Triple Screw) Single screw "TREVORIAN" Rig Schooner

TONNAGE under Tonnage Deck... CLASS 100A1 Shelter Deck FEET. Master J. H. Kemp

Do. between Tonnage Dk. and 3rd and 4th Dk. Breadth (greatest moulded) 51.77 Year of appointment (1) As Master in service of owner of present vessel: 1920 (2) As Master of this vessel: 1920

Total under Upper Dk. 4326.99 Depth, at middle of length from top of keel to top of upper deck beams at side 28.50 Built at South Shields

Do. of Poop 93.42 Transverse Number 80.27 When built 1920 Launched 16th June 1920

Do. of Bridge House 25.42 Length on deck from fore part of stem to after part of stern post 400 By whom built J. Readhead & Sons Ltd

Do. of Houses on Dk. 125.85 Longitudinal Number 32108 Owners Glain S. S. Co. Ltd

Do. of excess of Hatchways - Depth "d," at middle of length (See Secs. 2 & 13) 24.92 Managers E. Glain & Son

Do. above Crown of Engine Room 4598.78 Proportions—Depths to Length—Upper Deck Beam at side to top of keel 10.97 Residence St. Ives

Gross Tonnage 4598.78 Port belonging to St. Ives

Less Crew Space 93.42

Less above Crown of Engine Room 4505.36

TONNAGE FOR FEES... 1471.61

Room 132.07

Destined Voyage Australia If Surveyed while Building, Afloat, or in Dry Dock Yes

On Deck Rule 400 0 Breadth Moulded 51 9/4 Depth, ACTUAL—Top of Floors to top of Upper Dk. Beams 25 11 No. of Decks with flat laid Two

of Ship per Register, Length 400.3 breadth 52.1 depth 25.9 Moulded depth, ft. 36 ins. 5 1/2 To Upper Dk. Round of Upper Dk. Beam, Actual 12 ins.

FRAMING. Inches in Ship. Inches in Ship. Inches in Ship. Inches per Rule or as Approved. Inches per Rule or as Approved.

Angles, or E or L Bars amidships 12 3 1/2 62 12 3 1/2 62

peaks 6 3 1/2 40 6 3 1/2 40

way of Double Bottoms at Solid Floors 3 1/2 3 1/2 42 3 1/2 3 1/2 42

" at intermdt. Bkts. 5 1/2 3 1/2 50 5 1/2 3 1/2 50

Frames from centre to centre amidships 28 28

" length to Collision bulkhead 28 28

" in peaks 26 26

ED FRAME, Angles, in peaks 4 3 1/2 40 4 3 1/2 40

ay of Double Bottoms at Solid Floors 3 1/2 3 1/2 42 3 1/2 3 1/2 42

" at intermdt. Bkts. 5 1/2 3 1/2 50 5 1/2 3 1/2 50

depth of girder 38 38

depth and thickness of Floor Plate at mid-line for 1/2 length amidships 50 50

ay of Engine and Boiler Spaces 38 38

tness at the ends of vessel 38 38

h at 1/2 the half breadth, as per Rule 42 42

at extended at the Bilges 42 42

n Cell, Double Bottoms 42 42

ate if flanged (top & bottom) 42 42

spacing of Solid floors 56 56

ORDER, in Dbl. bottom, dpth. & thknss. 43 50 43 50

" Angles, Top 3 1/2 3 1/2 50 3 1/2 3 1/2 50

" " Bottom 4 1/2 4 1/2 60 4 1/2 4 1/2 60

" " to Floors 5 5 54 5 5 54

ackets at intermdt. frmng., wdth & thknss 18 42 18 42

ERS, number on each side & thickness 3 40 3 40

state if flanged (top and bottom) 3 40 3 40

Angles (top and bottom) 3 1/2 3 1/2 40 3 1/2 3 1/2 40

" to Floors 3 3 40 3 3 40

ATE, depth (exclusive of flange) 35 48 35 48

and thickness 4 4 48 4 4 48

Angle to Outside Plating 3 1/2 3 1/2 40 3 1/2 3 1/2 40

" Floors 21 42 18 42

ackets at intermdt. frmng., wdth & thknss 49 48

ht of Outside Brackets above at bilge 50 50 50 50

TOM PLATING, breadth and thickness of Middle Line Strake 50 50 50 50

" in Engine and Boiler space 56 56

" Remainder in Holds 44 44

er Deck, Single Angle, Bulb 8 1/2 3 1/2 52 8 1/2 3 1/2 52

ngle, Plate, Tee Bulb, or Channel 28 28

ing 28 28

nd Deck, Single Angle, Bulb 8 1/2 3 1/2 48 8 1/2 3 1/2 48

ngle, Plate, Tee Bulb, or Channel 28 28

PILLARS. Inches in Ship. Inches in Ship. Inches in Ship. Inches per Rule or as Approved. Inches per Rule or as Approved.

PILLARS in 'tween Deck, size and spacing in way of hatchways

" Hold " only, centre line bulkhead fitted

" Quarter 'tween Dks., " "

" in Hold " "

KEELSONS & STRINGERS. Inches in Ship. Inches in Ship. Inches in Ship. Inches per Rule or as Approved. Inches per Rule or as Approved.

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 Three at ends of end holds only

" Angle 6 1/2 3 1/2 60 6 1/2 3 1/2 80

" Intercoastal Plate, for full length 35 44 35 44

" Attached to outside plating with Angle 6 6 48 6 6 48

Upper Deck Stringer Plate, br'dth & thickness 64 46 64 46

" " " " br'dth & thickness 3 1/2 3 1/2 48 3 1/2 3 1/2 48

" " " " Angle (clear of Bridge) 36 36

" " " " Tie Plate at sides of Hatchways 36 36

" Deck, * Iron or Steel, for full lng. 36 36

" " Thickness (clear of Bridge) 36 36

" " " " (in way of Bridge) 36 36

" Wood Deck, Material & thickness none

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

" Angle on ditto

" Tie Plates

" Deck, Material and thickness

SHelter Deck Stringer Plate, br'dth & thickness 56 56 56 56

" Angle on ditto 5 5 58 5 5 58

" Tie Plates increased at sides of hatchways

" Deck, Material and thickness steel 44 44

Forecastle Deck Stringer Plate, b'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.

W265-0113 (112)

WEB FRAMES.				FORGINGS or CASTINGS.			
Inches in Ship.				Inches in Ship.			
WEB FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
No. of Side Stringers				STEM, moulding and thickness			
WEB FRAMES, In E. & B. Space, No. & spacing				STERN-POST for Rudder do. do.			
No. of Side Stringers				for Propeller			
WEB FRAMES, In After Body, No. and spacing				RUDDER-A x D Table 22. Speed 12 knots			
No. of Side Stringers				Main-Piece, diameter at head			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				at heel			
BULKHEADS.				RUDDER, how constructed			
W.T. BULKHEADS				Thickness of Plates or Single Plate			
Can the Rudder be unshipped afloat?				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.?			
Open hearth process				Has the Steel been tested as required by the Rules?			
PLATING.				RIVETING.			
STRAKES.				EDGES.			
AS IN SHIP.				PER RULE OR AS APPROVED.			
FLAT PLATE KEEL				Double or Triple and for what Length.			
GARBOARD or A Strake				RIVETS.			
State actual thickness in way of Double Bottom.				STRAPS.			
B				IF LAPPED.			
C				For what Length.			
D				Full length			
E				16			
F				12			
G				14			
H				14			
J				14			
K				14			
L				14			
M				14			
N				14			
O				14			
P				14			
Q				14			
R				14			
S				14			
T				14			
U				14			
V				14			
W				14			
THICKNESS OF SHEET PILE				CLEAR OF LONG BRIDGE			
DO. OF STRAKE BELOW				DBLG. of Flat Plate Keel			
Sheetstrakes				Length and thickness			
POOP SIDES				SHORT BRIDGE SIDES			
FORECASTLE SIDES							
Upper Deck				Butts of Side Stringers			
Stringer Plate				Tie Plates			
Lower Deck				Inner Bottom Plating, riveting of Edges			
Stringer Plate				Centre Girder Butts, riveted			
				Keelson Butts, riveted			
				Frames, riveted through Plates with			
				Rivets, state whether Iron or Steel			
FRAMES extend in one length from Centre line to margin plate, thence to gunwale				State if ordinary or joggled			
REVERSED FRAMES on floors and frames extend from only				State if ordinary or joggled			
MASTS, SPARS, &c.							
LOWER MASTS				Fore			
Main				Mizen			
Bowsprit				Topmasts, Yards and Remainder of Spars			
Rigging, Material and Size, Shrouds				Stays			
Sails.				Sails, and the following spare sails			

EQUIPMENT No. 34790				LETTER Y				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.				Weight, Ex. Stock				Weight, Per Certificate				Weight Required by Table 31.			
25696 1st Bower				60 1 21				48 12 2 0				60 0 0 0			
25695 2nd "				60 0 0				48 7 2 0				60 0 0 0			
25694 3rd "				50 3 14				42 18 1 21				50 2 0 0			
4th "				17 1 7				17 0 2 0				17 0 2 0			
Collective weight				171 1 7				171 0 2 0				171 0 2 0			
82941 Stream				16 1 0 4 1 15				17 11 3 14				16 1 0 0			
83416 Kedg.				7 0 8				1 3 20 9 7 0 21				7 0 0 0			
Particulars of Drop Test of Cast Steel Anchors, viz.:-				1st Bower 38 cwt 3 qrs 7 lbs. W.S. No. 668. 27/5/20 also hammer, drop bend tests.											
Weight, Surveyor's Initials, Number of Certificate, Date of Test.				2nd " 38 2 0 G.E.W. No. 679. 22/6/20											
				3rd " 32 1 7 G.E.H. No. 7173. 14/4/20											
				4th "											
CHAIN CABLES.				HAWERS AND WARPS.											
Number of Certificate.				Length and size supplied.				Test per Certificate.				Weight of Chain Cable.			
69196 135 2 3/8 86 120 1/2 37 1 0 645 3 0 270				2 3/8 120 1/2 37 1 0 645 3 0 270				2 3/8 120 1/2 37 1 0 645 3 0 270				2 3/8 120 1/2 37 1 0 645 3 0 270			
71502 135 2 3/8 86 120 1/2 37 1 0 645 3 0 270				2 3/8 120 1/2 37 1 0 645 3 0 270				2 3/8 120 1/2 37 1 0 645 3 0 270				2 3/8 120 1/2 37 1 0 645 3 0 270			
90 4 3/4 47 90 4 3/4 47				90 4 3/4 47				90 4 3/4 47				90 4 3/4 47			
Boats 2 lifeboats @ 22'0", 2 @ 21'0" and one gig				Steering Gear, Steam Donkin 16"				Steering Gear, Hand Crawford 16"				Crew			
Pumps, Number One Downton fore to fore peak				Diameter of Barrel 5" 4 1/2"				State whether they are in efficient working order				Yes			
Windlass is Emerson Walker's				Capstan											
Engine Room Skylights—How constructed? Steel plates tangles				What arrangements for deadlights in bad weather? Steel flaps & bullseyes											
Coal Bunker Openings—How constructed? Steel plates tangles				How are lids secured? Cleats & battens				Height above deck? 18"							
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 5 scuppers fore freeing port 20" 19" each side				Ceiling in Holds, thickness and material 2 1/2" white wood under hatchways				Cargo Batches, thickness and material 6" 2" white wood							
Cargo Hatchways—How forged? Steel plates tangles				Hatches, If strong and efficient? Yes											
State size No. 1 Hatch (Forward) 28'0" x 19'11 1/2"				No. 2 Hatch 30'4" x 19'11 1/2"				No. 3 Hatch 18'8" x 14'9"				No. 4 Hatch 30'4" x 19'11 1/2"			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 4 webs in No. 1 and 5 hatchways, 5 in No. 2 and 4, 3 in No. 3				No. of Breasthooks 6 and decks				No. of Crutches deep floors							
Bulwarks, height above deck and description				Main Rail, material and size											
The foregoing is a correct description.				Surveyor's Signature J. Macdonald				Builder's Signature (here enter)							
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) M 18/2/19, 23/8/19, 23/11/20 E 19/5/20.															
Workmanship. Are the butts of plating planed or otherwise fitted? Planed & overlapped															
Is the riveted work properly closed? Yes															
Are the liners between the frames and plates solid single pieces? Joggled framing															
to plate, &c., conform well to each other? Yes															
Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? Yes															
Do any rivets break into or through the seams or butts of the plating? Very few.															
Are the butts of Plating, Stringers, &c., properly shifted and strapped or lapped? Yes															
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes															
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes															
General Remarks (State quality of workmanship, &c.). This vessel has been constructed in accordance with the approved plans, the Secretary's letters as mentioned above and in other respects in compliance with the Requirements of the Rules. The materials & workmanship are good. The bulkheads & tunnel have been tested and found to be satisfactory.															
The approved plans (4 in number) are enclosed, these should be returned for reference in dealing with duplicate vessels at present under construction.															
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.															
Fees applied for				15 OCT 1920											
The amount of Entry Fee £ 5 : 0 : 0															
Special Survey Fee £ 137 : 12 : 6															
Travelling Expenses, if any £ :															
State whether the Vessel has been built under Special Survey				Yes											
I am of opinion this Vessel should be Classed 100A1				Shelter deck Lloyd's A & P.											
With, or without Freeboard, as condition of Class				With freeboard.											
Committee's Minute				100A1											
Character assigned				Churn & K with fld											
				Lloyd's A & P.											
				Lloyd's A & P.											
				Lloyd's A & P.											

GENERAL REMARKS—(continued).

[Faint, mostly illegible handwritten notes in the General Remarks section.]

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 (*Shelter 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). *10th (Stl) + Shelter 10th (Stl)*

Official No. *142578*; Signal Letters

State if Machinery is fitted aft *No*

How are the surfaces preserved from oxidation? Inside *Cement + paint*

Outside *Paint*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>130.66</i>	<i>383</i>	Fore peak tank,	<i>20</i>	<i>76</i>
Double bottom, under Engines and Boilers,	<i>44.33</i>	<i>194</i>	After peak tank,	<i>24</i>	<i>156</i>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>177.33</i>	<i>642</i>	Other tanks, if fitted,		
	Total capacity of double bottom	<i>1219</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. *4860*

Date *9.12.1919*

No. *462* in builder's yard.

DATES of Surveys held while building

1919. Sept. 19, 29. Oct. 8, 16, 21, 31. Nov. 7, 14, 24. Dec. 4, 16, 24. 1920. Jan. 12, 22. Feb. 2, 11, 19, 24. Mar. 5, 12, 23, 25, 30. Apr. 12, 23, 30. May. 10, 13, 18, 21, 26. June. 3, 11, 16, 22. July. 22, 30. Aug. 12, 14. Sept. 16, 23. Oct. 1, 5.

Surveyor's Signature

J. Macdonald

Total No. of Visits *43*

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