

71729.  
With or Without  
Disconnected Erections.

STEEL STEAMER.

2590  
SAT. 6-MAR. 1920

Received at London Office

Date of completion of report 3 March 1920  
Survey held at Newcastle on Tyne  
State of Report is also sent on the Machinery of the Vessel  
Port of Newcastle on Tyne  
Date, First Survey 14 June  
Last Survey 26 Feb. 1920  
No. 72859

On the (State if Single, Twin, or Triple Screw) Single "S.E.A.T.T.L.E."

Rig Schooner

TONNAGE under  
Tonnage Deck...  
Do. between Tonnage Dk. and 3rd and 4th Dk.  
Total under Upper Dk. 4736  
Do. of Poop  
Do. of R.Q.Dk.  
Do. of Bridge House  
Do. of Forecastle  
Do. of Houses on Dk.  
Do. of excess of Hatchways  
Do. above Crown of Engine Room  
Gross Tonnage 5133  
Less Crew Space  
Less above Crown of Engine Room  
TONNAGE FOR FEES...  
Less Engine Room  
Less Navigation Spaces

CLASS 100A.1. FEET.  
Breadth (greatest moulded) 53.75  
Depth, at middle of length from top of keel to top of upper deck beams at side 30.72  
Transverse Number 82.98  
Length on deck from fore part of stem to after part of stern post 385  
Longitudinal Number 32332  
Depth "d," at middle of length (See Secs. 2 & 13) 17.8 3/4  
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.72  
Long Bridge Deck Beam at side to top of keel 10.10

Master J. M. Goodhall  
Year of appointment 1919  
Built at Newcastle on Tyne  
When built 1911 Launched -  
By whom built Wood Skinner & Co.  
Owners Union of Govt. of S. Africa  
Dept. of Harbours & Railways  
Managers  
Residence  
Port belonging to London

Register Tonnage 3185  
as cut on Beam

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock D. Deck.

LENGTH on Deck as per Rule 385.0  
BREADTH Moulded 53.9  
DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 27.9 1/2  
Do. do. do. do. Second Dk. Beams 18.10 1/2  
No. of Decks with flat laid 2  
No. of Tiers of Beams 2

Dimensions of Ship per Register, Length 385 breadth 54 depth 27.8  
Moulded depth, ft. 38 ins. 13/4 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 1/2 ins.  
Moulded depth, ft. 30 ins. 2 3/4 To Upper Dk.

FRAMING.				PILLARS.			
	Inches in Ship.	Inches in Ship.	Inches in Ship.		Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or Bars amidships	11	3 1/2	66	PILLARS In 'tween Deck, size and spacing	width spaced as plan		
Do. in peaks	6	3 1/2	48	" Hold	"	"	"
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	" Quarter 'tween Dks.,	"	"	"
" at intermdt. Bkts.	7	3 1/2	48	" in Hold	"	"	"
Spacing of Frames from centre to centre amidships	36		36	KEELSONS & STRINGERS.			
" from # 1	27		27	CENTRE LINE KEELSON, Vertical Plate above			
" length to Collision bulkhead	24		24	floors, Through Plate, or Intercoastal Plate			
" in peaks.	3 1/2	3 1/2	36	Rider Plate			
REVERSED FRAME, Angles	3 1/2	3 1/2	36	Flat Plate Keel Angles			
Do. in way of Double Bottoms at Solid Floors	"	"	"	Horizontal Plates on Floors			
" at intermdt. Bkts.	7	3 1/2	48	Angles or Bulb Angles			
FRAMING, depth of girder	11		11	SIDE KEELSONS, Number			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	540	850	540	Angles or Bulb Angles			
" in way of Engine and Boiler Spaces	36		36	Plate above floors, for length			
" thickness at the ends of vessel				Intercoastal Plate, for length			
" depth at 1/2 the half breadth, as per Rule				Attached to outside Plating with Angle			
" height extended at the Bilges	43		40	BILGE KEELSON, Angles			
FLOORS in Cell. Double Bottoms	43		40	Intercoastal Plate for length			
" state if flanged (top & bottom)	20		20	Attached to outside Plating with Angle			
" Spacing of Solid floors	72		72	SIDE STRINGERS, Number 3			
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	43		50	Angle	6 1/2	3 1/2	50
" Angles, Top	4 1/2	4 1/2	54	Intercoastal Plate, for length			
" Bottom	6	6	70	Attached to outside plating with Angle	3 1/2	3 1/2	44
" to Floors	3 1/2	3 1/2	40	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	58	60	58
Brackets at intermdt. frmg., wdth & thkns	24		40	" " " br'dth & thickness (in way of Bridge)	58	42	58
SIDE GIRDERS, number on each side & thickness	3		40	" " " Angle (clear of Bridge)	5 1/2	66	5 1/2
" state if flanged (top and bottom)	20		20	" Tie Plate at sides of Hatchways			
" Angles (top and bottom)	3 1/2	3 1/2	40	Deck. * Iron or Steel, for length			
" to Floors	3	3	40	" Thickness (clear of Bridge)		56	56
MARGIN PLATE, depth (exclusive of flange) and thickness	34		48	" (in way of Bridge)		38	38
" Angle to Outside Plating	4	4	48	Wood Deck. Material & thickness			
" Floors	3 1/2	3 1/2	40	Second Deck Stringer Plate, br'dth & thickness	27	42	47
Brackets at intermdt. frmg., wdth & thkns	21		40	Angles on ditto, No.	3 1/2	3 1/2	42
Height of Outside Brackets above at bilge	48		48	Tie Plates outside Hatchways			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	83		50	Deck. * Iron or Steel, for length		36	36
" in Engine and Boiler space	50	36	50	Wood Deck. Material & thickness			
" Remainder in Holds	50	36	50	Third Deck Stringer Plate, br'dth & thickness			
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	46	Angles on ditto, No.			
" In way of Long Bridge	8	3	50	Tie Plates, outside Hatchways			
" Spacing	36		36	Deck. * Material and thickness			
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	50	Fourth and Fifth Deck Stringer Plate, breadth & thickness			
" Spacing	36		36	Angles on ditto, No.			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	50	Tie Plates outside Hatchways			
" Angles on upper edge				Deck. Material & thickness			
" Spacing				Poop Deck Stringer Plate, breadth & thickness	35	34	35
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	44	Angle on ditto	3 1/2	3 1/2	34
" Angles on upper edge				Tie Plates	9	34	9
" Spacing	24	36	24	Deck. Material and thickness	3" O.D.		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3	44	Bridge Deck Stringer Plate, br'dth & thickness	54	54	64
" Angles on upper edge				Angle on ditto	5 1/2	58	5 1/2
" Spacing	36		36	Tie Plates			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	48	Deck. Material and thickness	36	34	35
" Angles on upper edge				Forecastle Deck Stringer Plate, br'dth & th'kns	35	34	35
" Spacing	24	27	24	Angle on ditto	3 1/2	3 1/2	34
				Tie Plates			
				Deck. Material and thickness	36	30	36

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GENERAL REMARKS—(continued).

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 33.8 ft., R.Q.D. 2 ft., Bridge 108 ft., Forecast (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 should appear in the Register Book) 2 sk (see)

Official No.       ; Signal Letters        State if Machinery is fitted aft no  
How are the surfaces preserved from oxidation? Inside Paint & cement Outside paint

**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.
Double bottom, aft,	<u>108</u>	<u>360</u>	Fore peak tank,	<u>18</u>
Double bottom, under Engines and Boilers,			After peak tank,	<u>15</u>
Double bottom, if under Engines only,	<u>24</u>	<u>110</u>	Deep tank, aft,	
Double bottom, if under Boilers only,	<u>0.18 m. ltr</u>		Deep tank, forward,	
Double bottom, forward,	<u>170</u>	<u>634</u>	Other tanks, if fitted,	
	Total capacity of double bottom <u>320</u>	<u>1104</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.       

Date 1920

No.        in builder's yard.

Dates of Surveys held while building July 14. 15. 16. 19. 20. 22. 26. 28. 29. 30. Feb. 2. 4. 6. 10. 11. 16. 17. 23. 24. 26.

Surveyor's Signature G. D. Arthur

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