

With or Without Disconnected Erections.

STEEL STEAMER.

SAT. AUG. 17. 1912
Received at London Office.

Date of completion of report 13.8.12
Survey held at Middlesbrough
On the Screw Steamer *Waxley Pickering*
Port of Middlesbrough
Date, First Survey 17.11.1911
Last Survey 12.8.1912
Rig Fore & Aft Schooner
Master Thomas Smith Bullock

TONNAGE under Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk. 3976.61
Total under Upper Dk. 3976.61
Do. of Poop
Do. of Bridge House 4.14
Do. of Forecastle 56.46
Do. of Houses on Dk. 91.99
Do. of excess of Hatchways 67.09
Do. above Crown of Engine Room 4196.29
Gross Tonnage 4196.29
Less Crew Space 120.85
Less above Crown of Engine Room 4075.44
Net Tonnage 1342.81
Navigation Spaces 85.73
Master Tonnage 2646.90
out on Beam

CLASS 100 A1
Breadth (greatest moulded) 50.84
Depth, at middle of length from top of keel to top of upper deck beams at side 28.37
Transverse Number 79.21
Length on deck from fore part of stem to after part of stern post 364.71
Longitudinal Number 28890
Depth "d", at middle of length (See Secs. 2 & 13) 25.37
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.86
" " Long Bridge Deck Beam at side to top of keel 10.03
Destined Voyage Port Said
If Surveyed while Building, Afloat, or in Dry Dock 72

Year of appointment (1) As Master in service of owner of present vessel: 1912
(2) As Master of this vessel 1912
Built at Middlesbrough
When built 1912.8
Launched 24th June 1912
By whom built Sir Raylton Dixon & Co. Ltd.
Owners Constantine & Pickering Steamship Co.
Managers do.
Residence Middlesbrough
Port belonging to Middlesbrough

LENGTH on Deck as per Rule 364 8 1/2
BREADTH Moulded 50 10
DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 26 1 1/4
Do. do. do. do. Second Dk. Beams 14 1/4
Moulded depth, ft. 36 ins. 5 To Bridge Dk. Round of Upper Dk. Beam, Actual 14 1/2 ins.
Moulded depth, ft. 28 ins. 4 1/2 To Upper Dk. Dk. Beam, Actual 14 1/2 ins.

FRAMING.							PILLARS.						
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule Approved.		
FRAME, Angles, or Bars amidships	12	4	7 1/2	12	4	7 1/2	PILLARS, In 'tween Deck, size and spacing	2 7/8	2 7/8	2 7/8	2 7/8		
Do. in peaks	7	3 1/2	4 1/2	7	3 1/2	4 1/2	" " Hold	2 7/8	2 7/8	2 7/8	2 7/8		
Do. in way of Double Bottoms at Solid Floors...	3 1/2		4 1/2	3 1/2		4 1/2	" Quarter 'tween Dks.,	2 7/8	2 7/8	2 7/8	2 7/8		
" " " at intermdt. Bkts.							" " in Hold	2 7/8	2 7/8	2 7/8	2 7/8		
Spacing of Frames from centre to centre amidships	36			36									
" " " from 1/2 length to Collision bulkhead	27			27									
" " " in peaks..	24			24									
EVERSED FRAME, Angles.....													
Do. in way of Double Bottoms at Solid Floors...	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2							
" " " at intermdt. Bkts.													
RAMING, depth of girder	12			12									
LOORS, depth and thickness of Floor Plate } at mid-line for 1/2 length amidships...	40	4 1/2	4 1/2	40	4 1/2	4 1/2							
" 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													
LOORS & BRACKETS in Cell Dble Bottoms													
" " state if flanged (top & bottom)	No			No									
" " Spacing	36	6	27	36	6	27							
ENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	4 1/2	5 1/2	4 1/2	4 1/2	5 1/2	4 1/2							
" " Angles, Top	4 1/2	4 1/2	5 1/2	4 1/2	4 1/2	5 1/2							
" " Bottom	Double												
" " to Floors	5	5	5 1/2	5	5	5 1/2							
SIDE GIRDERS, number on each side & thickness	Two	38/34	Two	38/34									
" " state if flanged (top and bottom)	No			No									
" " Angles (top and bottom)	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2							
" " to Floors.....	3	3	3	3	3	3							
MARGIN PLATE, depth (exclusive of flange) } and thickness	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2							
" " Angles to Outside Plating.....	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2							
" " Floors													
" " Height of Brackets above at bilge	53			53									
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2							
" " in Engine and Boiler space	1 1/2	5 1/2	60/40		5 1/2	60/40							
" " Remainder in Holds.....	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2							
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3 1/2	5 1/2	10	3 1/2	5 1/2							
" Angles on upper edge	9		5 1/2	9		5 1/2							
" In way of Long Bridge	9 1/2		5 1/2	9 1/2		5 1/2							
" Spacing	36	5	42	36	5	42							
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3	40	6 1/2	3	40							
" Angles on upper edge													
" Spacing	33	5	24	33	5	24							
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	50	9	3 1/2	50							
" Angles on upper edge													
" Spacing	36			36									
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	50	9	3 1/2	50							
" Angles on upper edge													
" Spacing	36			36									
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3 1/2	56	10	3 1/2	56							
" Angles on upper edge	8 1/2	5	46	8 1/2	5	46							
" Spacing	54	5	48	54	5	48							

KEELSONS & STRINGERS.						
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule 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	3 Forward	3 Aft				
" " Angle	6 1/2	3 1/2	48	6 1/2	3 1/2	48
" Intercoastal Plate, for full length ...			42			42
" Attached to outside plating with Angle.....			42			42
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	56	34	60/42	56	34	60/42
" " " " br'dth & thickness (in way of Bridge)			46			46
" " " " Angle (clear of Bridge) ...	5	5	64	5	5	64
" Tie Plate at sides of Hatchways.....						
" Deck * Iron or Steel, for full lng.						
" Thickness (clear of Bridge)	Iron	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
" " (in way of Bridge)	Steel	40				40
" Wood Deck. Material & thcknss	No Sheathing					
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, br'dth & thickness						
" Angles on ditto, No.						
" Tie Plates outside Hatchways						
" Deck. Material & thickness						
Poop Deck Stringer Plate, breadth & thickness	58	53	34	33	34	
" Angle on ditto	3 1/2	3 1/2		3 1/2	3 1/2	
" Tie Plates						
" Deck. Material and thickness	Iron	34	Iron	34		
Bridge Deck Stringer Plate, br'dth & thickness	57 1/2	53	52	54		
" Angle on ditto.....	4 1/2	4 1/2	56	4 1/2	4 1/2	56
" Tie Plates						
" Deck. Material and thickness	Iron	40	40	40	40	
Forecastle Deck Stringer Plate, b'dth & th'kns	53	34	33	34		
" Angle on ditto.....	3 1/2	3 1/2		3 1/2	3 1/2	
" Tie Plates						
" Deck. Material and thickness	Iron	5 1/2	5 1/2	5 1/2	5 1/2	

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

Lloyd's Register

[illegible]

EQUIPMENT No.				ANCHORS.				TONNAGE U.D.K. OR PLATING No.					
FOR TOWERS													
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 Superintended.					
Cws.	qrs.	lbs.	Tons.	cws.	qrs.	lbs.							
15687	1st Bower ...	56 3 21	925 S.M.	46 12 2	0	56 12 0	Sockless	H.L. Brown & Co. Ltd.	24/4/12	L. Haffner			
15688	2nd "	56 2 0	930 S.M.	46 6 1	0	56 12 0	"	"	"	"			
15689	3rd "	48 3 0	938 S.M.	41 11 3	14	47 2 0	"	"	"	"			
	Collective weight	162 0 21				160 0 20							
15615	Stream	15 0 0	3 3 7	16 10 0	0	15 0 0	Rodgers	J. Taylor & Sons	20/5/12				
15663	Kedge.....	6 2 7	1 2 21	8 17 2	0	6 2 0			10/6/12				

CHAIN CABLES.				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 Towline.	Length and Size per Table 31.
Fathoms.	Inches.	Tons.	Cws.	qrs.	lbs.	Patients.				Fathoms.	Inches.	Tons.
5732	270 2 1/2	8 1/2	113	66-0 x 4	68-2 x 4	270 2 1/2	Dread	Stirling & Sons	24/4/12 L. Haffner	POWLINE	160 4 1/2	8 1/2
										HAWSERS & WARPS	48 90 7	120 4 1/2
											20 90 6	49 90 6

Boats Two 24' Life. One 16' Jolly. Steering Gear, Steam Hawtice No. 1. Steering Gear, Hand Simpson.

Pumps, Number 1st P. to Fore Peak & Down to bilge Diameter of Barrel 4" 5". State whether they are in efficient working order Yes.

Windlass is Emerson, Walker & Thompson Best combined hand Capstan & Steam.

Engine Room Skylights.—How constructed? All steel What arrangements for deadlights in bad weather? Bulls eyes

Coal Bunker Openings.—How constructed Plate coverings on D.B. How are lids secured? Lugs & battens Height above deck? 30 in B.D., 10 1/2 in O.D.

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 5 Scuppers each side, 7 ft. Each side 34 x 22 1/2, 36 x 24, 37 1/2 x 25 1/2, 38 x 25 1/2, 39 x 26 1/2.

Ceiling in Holds, thickness and material 1/2" 1/4" under bales up to over lumber Cargo Battens, thickness and material 6 x 2" h.h.

Cargo Hatchways.—How formed? Steel coverings & bars. Hatches, If strong and efficient? Yes

State size No. 1 Hatch (Forward) 27'-6" x 20' x 37 1/2" No. 2 Hatch 29'-4" x 20' x 37 1/2" No. 3 Hatch 17'-1" x 20' x 30 1/2" o.d. No. 4 Hatch 15'-2 1/2" x 19'-11 1/2" x 37 1/2"

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 17 = 4 Habs, 13 = 2 Habs, 15 = 4 Habs = 6 Habs

No. 6 = 1 Fore & after No. of Breasthooks 6 No. of Crutches 30 deep floor

Bulkheads, height above deck and description 49' 3/4" steel Main Rail, material and size 5 1/2 x 3 1/2 x 34 B.D.

The foregoing is a correct description. RAYLTON ELLIS & COMPANY, LIMITED. Surveyor's Signature Wm L. Gilman

Builder's Signature M. Drury 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) E 19th Nov 11.

M. 19th Oct 25/12 Nov 7. 10. 7. 23, Dec 13. 1912 Jan 11 May 31 Aug 1

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.

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? A 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.) Good.

This vessel has been built in accordance with the approved plans (12 in N°) as amended, the Secretary's letters of the above dates & in other respects in general conformity with the Society's rules.

Steam steering gear is fitted in house on upper deck at after end of engine room, connected to quadrant by rods, chains & buffer springs & controlled from bridge by rods & bevel wheel.

Hand steering gear is fitted to rudder head on Poop deck.

Deck stops fitted to receive quadrant. Steam & Hand steering gear & Windlass tested & found satisfactory. Tunnel tested by hose with satisfactory results. Freeboards assigned marked on vessels sides & verified.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

The amount of Entry Fee £ 5 : - : - Fees applied for, 13 8 19 12

Special Survey Fee... £ 26 : 17 : 6 Received by me, 15 8 19 12

Travelling Expenses, if any £ - : - : -

Certificate to be sent to Natl Office Date of issue 24/8/12

I am of opinion this Vessel should be Classed 100 A I

With or without Freiboard, as condition of Class.

Committee's Minute TUE AUG 20 1912

Character assigned 100 A I

Lloyd's Assoc Thms 812

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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 32.2 ft., R.Q.D. _____ ft., Bridge 108.2 ft., Forecastle 36.33 ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated The Poop & Bridge Deck are not joined.

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 it should appear in the Register Book) 1 Deck (Part Iron Part Steel)

Official No. 128819; 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 Cell. S.B.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>120</u>	<u>370</u>	Fore peak tank,		<u>120</u>
Double bottom, under Engines and Boilers,	<u>39</u>	<u>182</u>	After peak tank,		<u>75</u>
Double bottom, if under Engines only,	<u>✓</u>	<u>✓</u>	Deep tank, aft,		<u>✓</u>
Double bottom, if under Boilers only,	<u>✓</u>	<u>✓</u>	Deep tank, forward,		<u>✓</u>
Double bottom, forward,	<u>159</u>	<u>506</u>	Other tanks, if fitted,		<u>✓</u>
Total capacity of double bottom		<u>1028</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. 957

Date 4th Dec 1911

No. 577 in builder's yard.

DATES OF SURVEYS held while building

1911 Nov 17, 22, 23, 24 Dec 2, 7, 11, 14, 15, 19, 22, 1912 Jan 1, 8, 11, 15, 16, 17, 19, 23, 26, 29, 31 Feb 1, 5, 8, 11, 19, 22, 27, 28 Mar 1, 5, 7, 11, 14, 18, 19, 20, 25, 26, 27, 28 Apr 1, 2, 3, 11, 12, 15, 17, 18, 20, 23, 24, 25, 26, 29 May 1, 2, 3, 7, 8, 9, 10, 11, 17, 21, 22, 24, 29, 30, 31 June 4, 5, 7, 8, 11, 13, 17, 18, 20, 21, 24, 25, 27, 28 July 2, 23, 24, 30, 31 Aug 2, 6, 7, 8, 9, 10, 11.

Surveyor's Signature L. L. Gilman

Total No. of Visits 98

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