

Spar, ~~or~~ ~~Awning~~ Dk. ~~IRON OR~~ STEEL STEAMER.

THUR, 15 OCT 1896

No. 1899

Port of Middlesbrough Date of completion of Report 14th October 1896 Received at London OfficeSurvey held at Middlesbrough Date, First Survey 17th March 1896 Last Survey 6th OctoberOn the Steel Screw Steamer "OCEANO."Rig Schooner

1896

(2 Masts.)

TONNAGE under

Do. between Tonnage Lk.
and 3rd, 4th, Spar or
Awning Dk.

Total under Upper Dk.

Do. of Poop

Do. of Bridge House

Do. of Forecasts

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of
Engine Room ..

Gross Tonnage

New Space

Over Crown of

Engine Room ..

FEES FOR FEES...

Engine Room

Navigation Spaces

Crown of Engine Room

Tonnage

in Beam....

SPAR, ~~AWNING OR PART AWNING~~ DECKED VESSEL,on a vessel having a continuous ~~Shade Deck~~.

CLASS 100 A1. "Spar Decks."

FEET.

Half Breadth (moulded)

Depth from upper part of keel to top of Main Deck Beams

Girth of Half Midship Frame (as per Rule)

1st Number

Length

2nd Number

Proportions—Breadths to Length

Depths to Length—Main Deck to top of Keel

Destined Voyage

Master R. H. Fowler

Year of Appointment

(1) As Master in service of
owner of present vessel:—1896
(2) As Master of this
vessel:—1896Built at Middlesbrough.When built 1896 Launched 25th JulyBy whom built Sir Raylton Dixon & Co.Owners Plate Steamship Co. (Lim.)Managers Gilliaty, Hanky, Russell & Co.

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

Residence London.Port belonging to Rochester.and
Surveyed while Building, Afloat, or in Dry Dock

Half on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, top of Floors to Spar or Awning Dk. Beams	Feet.	Inches.	Power of	Horse.	No. of Decks with flat laid	Save
Rule.....	305	5	Moulded ..	42	11 3/4	Do. do. Main Deck Beams	22	9 3/4	Engines	250	No. of Tiers of Beams	2 + Web frames.

Length 305.0 breadth 42.3 depth 22.75 Spar or Awning Dk. Moulded depth, ft. 25 ins. 0 1/2 To Main Dk. Round up of 10 3/4 ins. Beam, Main Dk.

FRAMING.

Inches in Ship. 20ths in Ship. Inches per Rule Or as Approved.

E, Angles, or TE or LE Bars, for $\frac{1}{2}$ length

amidships

or $\frac{1}{2}$ at each end

in way of Double Bottoms at Solid Floors ..

at intermdt. Bkts.

" of Frames from moulding edge to

moulding edge, all fore and aft

FRAMED FRAME, Angles

FRAMING, depth of girder

RS, depth and thickness of Floor Plate

at mid-line for $\frac{1}{2}$ length amidships

in way of Engines and Boilers

thickness at the ends of vessel

depth at $\frac{1}{2}$ the half-bdth. as per Rule ..

height extended at the Bilges

RS & BRACKETS, in Cell Dble Bottoms

Distance apart

E GIRDER, in Double bottom, depth

and thickness

" Angles, Top

" Bottom

GIRDERS, number and thickness

Angles

IN PLATE, depth (exclusive of flange)

and thickness

Angles

BOTTOM PLATING, breadth and

thickness of Middle Line Strake ..

" thickness in Engine and Boiler space

Remainder in Holds

S, Spar or Awning Deck, Single Angle,

Bulb Angle, Plate or Tee Bulb

Angles on upper edge

Average space

S, Main Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on upper edge

Average space

S, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on upper edge

Average space

S, Hold, or Orlop, Plate or Tee Bulb ..

Angles on upper edge

Average space

S, Poop Deck, Angle, Bulb Angle, Plate

or Tee Bulb

Angles on upper edge

Average space

S, Bridge Deck, Angle, Bulb Angle, Plate

or Tee Bulb

Angles on upper edge

Average space

MS, Forecastle Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on upper edge

Average space

LARS, In 'tween Deck, size and spacing

" Hold

" Quarter, 'tween Dks., "

" in Hold

WEB FRAMES, In Fore Body, No. and spacing

" No. of Side Stringers

EB FRAMES, In E. & B. Space, No. & spacing

" brdth. & thickness

EB FRAMES, In After Body, No. and spacing

" brdth. & thickness

" No. of Side Stringers

" Size of Angles or Tee Bars to Web Frames

ACKET PLATES to Stringers between

Web Frames, depth and thickness

FORGINGS AND CASTINGS.

Inches in Ship.

Inches per Rule Or as Approved.

KEEL, Bar or Side Plates, depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

" " for Propeller

MAIN PIECE of Rudder, diameter at head ..

do. at heel ..

RUDDER, how constructed Forged iron frame and plates.Can the Rudder be unshipped afloat? Yes

KEELSONS AND STRINGERS.

Inches in Ship.

Inches per Rule Or as Approved.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercoastal Plate

" Rider Plate

" Bulb Plate to Intercoastal Keelson

" Horizontal Plates on Floors

" Angles

SIDE KEELSON, Angles

" Bulb or Plate above floors, for

Intercoastal Plate, for

Attached to outside plating with Angle ..

BILGE KEELSON, Angles

" Bulb or Plate above floors, for

Intercoastal Plate, for

Attached to outside plating with Angle ..

BILGE STRINGER Angles

" Bulb Plate, for

Intercoastal Plate, for

Attached to outside plating with Angle ..

SIDE STRINGER Angles

" Bulb or Intercoastal Plate, for

Attached to outside plating with Angle

Spar, or Awning Deck Stringer Plates,

breadth and thickness

" Angle on ditto

" Tie Plates, fore and aft, outside Hatchways

Diagonal Tie Plates, No. of prs.

Deck * Iron or Steel, for whole lng.

Wood Deck. Material & thickness

Main Deck Stringer Plate, breadth & thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Diagonal Tie Plates, No. of prs.

Deck * Iron or Steel, for whole lng.

Wood Deck. Material & thickness

Lower Deck Stringer Plates, br'dth & thckn's

Angles on ditto, No.

Tie Plates, outside Hatchways

Deck * Material and thickness

Hold, or Orlop Stringer Plate, br'dth & thckn's

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.

BULKHEADS.

Number.

In Vessel.

Per Rule.

Thickness.

16ths or 20ths.

Inches.

Inches.

Inches.

Inches.

Inches.

Inches.

STIFFENERS.

Horizontal.

Vertical.

Spacing.

Inches.

Inches.

Inches.

Inches.

Inches.

Inches.

Inches.

Single or Double

Frames.

Height up.

Inches.

Inches.

Inches.

Inches.

Inches.

Inches.

Inches.

Inches.

W. T. BULKHEADS

PARTITION "

LONGITUDINAL "

Are the outside Plates doubled two spaces of Frames in length? Yes

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	RIVETS.		Double or Treble and for what Length.		RIVETS.		STRAPS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.		Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.
FLAT PLATE KEEL	36	16	12	12	36	16	Double	16	1	4	1	3 1/2	19	19 1/2					
GARBOARD or A Strake	42	12	11	11	42	12		6 1/2	1 1/2	4 1/2	3/8	3/8							
B "	54	10 1/2	9	9	54	10 1/2		5 1/2	3/4	3 3/4									
C "	46	10 1/2	9	9	46	10 1/2													
D "	54	10 1/2	9	9	54	10 1/2													
E "	54	12	10	10	54	12													
F "	47	12	10	10	47	12													
G "	54	11	9	9	54	11													
H "	46	11	9	9	46	11													
J "	54	11	9	9	54	11													
K "	42	13	10	10	42	13													
L "	54	10	7	7	54	10		5 1/2	6 3/4	1 3/4	4								
M "	40	14	9	9	40	14		6	1	4	1/2 length	1	3 1/2	19	19 1/2				
N "																			
O "																			
P "																			
Q "																			
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilges	Spar Strake increased 2 1/2 in line of doubling for 2 1/2 lengths.																		
Length and thickness of Sheerstrakes	Increased 3/4 in line of doubling for 3/4 lengths.																		
POOP SIDES	7-8																		
BRIDGE SIDES	7																		
FORECASTLE SIDES	7																		

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. *All steel by Dorman Long process.*

Dorman Long & Co., Bolton, Vaughan & Co., Stockton, Middlesbrough & Co., J. Hill & Co., Consett, Moss & Co.,

Butts, treble riveted for *1/2* length amidship.

Stringer Plate Straps, single, *double overlapped* for *whole* length amidship.

Main Stringer Butts, treble riveted for *1/2* length amidship.

Plate Straps, single, *double overlapped* for *whole* length amidship.

Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? *Single*

Inner Bottom Plating, riveting of Edges *Double* Butts *Double*

Centre Girder Butts, *Single* riveted Keelson Butts, *Single* riveted.

Frames, riveted through Plates with *3/8* in Rivets, about *6* apart.

Rivets, state whether Iron or Steel *Iron*.

FRAMES extend in one length from Keel to Tankside and from Tankside to gunwale.

REVERSED FRAMES on floors and frames extend from Centre to Tankside and from Tankside to Spar Deck, so Spar Deck and forecastle deck alternately.

MASTS, SPARS, &c.

	Material.	Total Length	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.		Head.	Number.	Size.	Seams.
LOWER MASTS...	Fore	79-6	22 x 5/16	17 1/4 x 3/8	18 1/2 x 3/8	Two			Single	Single
	Main	42-0	22 1/4 x 3/8	17 1/2 x 3/8	18 1/2 x 3/8					
	Mizen									

Bowsprit

Topmasts, Yards and Remainder of Spars *Pitch run*

Rigging, Material and Size, Shrouds *Calcutt's wire, 3/4*

Sails. *On complete* Suit of Sails, and the following spare sails *Stays Main 3/4, Junc 4*

EQUIPMENT No. *29540* LETTER *1*

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE		WEIGHT REQ. BY RULE		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
29786	1st Bower	44	3	0	44	3	0	39	1	3	14	42
29787	2nd "	41	1	0	41	1	0	36	13	0	14	42
29788	3rd "	36	3	14	36	3	14	33	13	1	21	36
	Collective weight	122	3	14	122	3	14	121	1	0		
29753	Stream	11	0	0	12	17	2	0	10	3	0	10
29754	Kedge	5	3	14	1	2	7	8	2	3	7	5

2nd Kedge Certificate, anchoring for the drop and mechanical tests on this cast steel anchor heads have been issued by C.E. Paine

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	WEIGHT OF CHAIN CABLE		Fathoms and Size per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size per Rule.
				Supplied.	Per Rule.									
12277	242	1 1/2	55 1/2	428	1-13	428	1-10	240	1 1/2	428	1-13	428	1-10	
Iron Stream	45	4 1/2	35											

HAWERSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	WEIGHT OF CHAIN CABLE		Fathoms and Size per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size per Rule.
				Supplied.	Per Rule.									
12277	242	1 1/2	55 1/2	428	1-13	428	1-10	240	1 1/2	428	1-13	428	1-10	
Iron Stream	45	4 1/2	35											

Boats. *Two Lifeboats and two others.*

Pumps, Number *Four deck pumps.* (Listed) Diameter of Barrel and Tail Pipe *Barrel 5", Tail pipes 2 1/2"*

Windlass is *Iron* Capstan

Engine Room Skylights. How constructed? *Seals*

What arrangements for deadlights in bad weather? *Strong glass shutters and bullseyes.*

Coal Bunker Openings. How constructed? *Plates & angles* How are lids secured? *Patented down* Height above deck? *15"*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side, 6 Scuppers. 6 Freeing Ports, 36 x 15.*

Ceiling in Holds, thickness and material *2 1/2 pine* Ceiling 'tween Decks, thickness and material *2 pine*

Cargo Hatchways. How formed? *Plates and angles* Hatches, If strong and efficient? *Yes 2 1/2 solid*

State size No. 1 Hatch (Forward) *20-0 x 14-0* No. 2 Hatch *25-0 x 14-0* No. 3 Hatch *24-0 x 12-0* No. 4 Hatch *20-0 x 12-0*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *No. 1 and 4, One web plate and three fore and afters. No. 2 and 3, Two web plates and three fore and afters.*

No. of Breasthooks *Three* No. of Crutches *Two + deep floors.*

Bulwarks, height above deck and description *4-0 Iron 5/8* Main Rail, material and size *6 x 3 x 3/8 - D - 3 x 1 1/2*

The above is a correct description

Builder's Signature *RAYLTON DIXON & Co.* Surveyor's Signature *Allison B. Wilson.*

Surveyor to Lloyd's Register of British & Foreign Shipping.

Correspondence. State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) *12th + 21st March*

9th April, 25th August 1896 (M.), 6th May (L.) 1896.

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 plating? *A few through butts only.*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes.*

General Remarks (State quality of workmanship, &c.) *This vessel has been built in accordance with the Rules and the plans approved by the Committee. The whole of the material used in the hull is of good workable quality and the workmanship has been well executed throughout.*

The pumps, sluice valves, watertight doors and steering gear are in efficient working order. The decks, waterways and tunnel have been tested by being flooded with water and found watertight and in good condition.

List of plans accompanying this report, viz: Plans of Midship Section, Profile, Inner bottom under boilers, Pumping Arrangements, Repairs on Ships Joining.

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *30.33* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *74.0* ft., Forecastle *35.2* 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 it should appear in the Register Book) *2 Dk. (1 in + 11) 2 1/2 B + web frames.*

Official No. *✓*; Signal Letters

How are the surfaces preserved from oxidation? Inside *Portland Cement and Paint* Outside *Paint.*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system *Cellular Double Bottom.*

Where fitted.	Length.	Water Capacity.		Where fitted.	Length.	Water Capacity.	
		Feet.	Tons.			Feet.	Tons.
Double bottom, aft.	96	182 3/4		Fore peak tank.			
Double bottom, forward.	118	265		After peak tank.			
Double bottom, under Engines and Boilers.	24	60 1/4		Midship deep tank.			
Double bottom, if under Engines only.		508		Other tanks, if fitted.			
Double bottom, if under Boilers only.				(If necessary, furnish further information by sketch.)			

State whether the above have been tested as required by the Rules. *Tested as required by Rules.*

Order for Special Survey No. *254*

Date *25.3.96*

Order for Ordinary Survey No. *✓*

Date *✓*

No. *428* in builder's yard

DATES of Surveys held while building as per Section 18.

1st. On the several parts of the frame, when in place, and before the plating was wrought. *596 9 April 14 April 8 13 15 16 20 24 28 29 May 4 12 15 20 21 29*

2nd. On the plating during the process of riveting. *June 1 3 4 10 14 18 23 29 July 1 2 4 9 14 15 16 20 22 24 28 Aug 1 25 29*

3rd. When the beams were in and fastened, and before the decks were laid. *12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 Oct 1 3 6*

4th. When the ship was complete, and before the plating was finally coated or cemented. *✓*

5th. After the ship was launched and equipped

Total No. of Visits *48*

The amount of Entry Fee £ *5* : : : Fees applied for, *14.10.1896*

Special Survey Fee £ *89* : *14* : *6* Received by me, *✓*

Travelling Expenses, if any £ : : : *14.10.1896*

I am of opinion this Vessel should be Classed *100A1. "Steel" "Spar Deck"* Certificate to be sent to *Allison B. Wilson.*

without Freeboard, as condition of Class

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Character assigned *100A1 Steel Spar dk.*

A + rcl + 2 m 10, 96 7.D.

White Mab.

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