

1 or 2 Decks.

IRON OR STEEL STEAMER.

Received at London Office,

MON. 23 JUN 1894

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

Yes. Middlesbrough No. 1248. 1944

Date of completion of Report

Port of

No. 14445 Survey held at Sunderland Date, First Survey 16th Jan. 1894 Last Survey 14th June 1894On the Sheep Screw Steamer Zylpha (No. 317) Rig Scholar

TONNAGE under

ONE OR TWO DECKED VESSEL.

Master Alfred Young

Do. of Poop

CLASS 100 A

Year of appointment

Do. of Raised Or.

Part. awning deck FEET.

Do. of Bridge House

Half Breadth (moulded) 20.41Built at Sunderland

Do. of Houses on Deck

Depth from upper part of Keel to top of Main Deck Bms. 23.95When built 1894 Launched 1st May

Do. of excess of Hatchways

Girth of Main Midship Frame (as per Rule) 40.50By whom built Joseph E. Thompson & Son

Do. of Forecastle

1st Number 84.86Owners M. H. Turner & B. S. Brightman

Do. above Crown of

Length 310Managers Turner, Brightman & Co.

Engine Room

2nd Number 26306

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

Gross Tonnage

Proportions—Breadths to Length 7.59Residence 8.9 Greek St. Valence

Less Crew Space

Depths to Length—Main Deck to top of Keel 12.94Port belonging to London

Less above Crown of

Destined Voyage Buenos Ayres If Surveyed while Building, Afloat, or in Dry Dock By Special Survey

Tonnage for Fees

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

LENGTH on Deck

BREADTH—

DEPTH—

Feet. Inches.

Power of

Horse.

No. of Decks with Flat laid

No. of Tiers of Beams

Dimensions of Ship per Register, Length, 312 breadth, 41 depth, 20.6Moulded Depth, ft. 23 ins. 1 1/2Round of Beam 10 inches.

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

MAIN PIECE of Rudder, diameter at head

RUDDER, how constructed

Can the Rudder be unshipped afloat?

FRAMING.

FRAME, Angles or Bars, for 1/2 length amidships

Do. for 1/2 at each end

Distance of Frames from moulding edge to

moulding edge, all fore and aft

REVERSED FRAME, Angles

FLOORS, depth and thickness of Floor Plate

in way of Engines and Boilers

thickness at the ends of vessel

depth at 1/2 the half breadth, as per Rule

height extended at the Bilges

FLOORS & BRACKETS, in Cell Dble Bottoms

CENTRE GIRDER, in Double Bottom, depth

and thickness

Angles, Top 1/2 1/2 1/2 Bottom

SIDE GIRDERS, number and thickness

MARGIN PLATE, depth (exclusive of flange)

and thickness

Angles

INNER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

thickness in Engine and Boiler space

Remainder in Holds

BEAMS, Main and Raised Quarter Deck,

Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Forecastle Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on Upper Edge

Average space

PILLARS, in 'tween Decks, Size and Spacing

Hold

WEB FRAMES, in Fore Body, No. and Spacing

Brdth. & Thickness

No. of Side Stringers

WEB FRAMES, in After Body, No. and Spacing

Brdth. & Thickness

No. of Side Stringers

Size of Angles or Tee Bars to Web Frames

BRACKET PLATES to Stringers between

Web Frames, Depth and Thickness

KEELSONS AND STRINGERS.

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

Main and Raised Quarter Deck Stringer

Plate, on ends of Beams, breadth & thkness

Angle on ditto

Tie Plates fore & aft, outside Hatchways

Diagonal Tie Plates on Bms. No. of Pairs

Flat of Dk. Iron or Steel for

Wood

How fastened to Beams

Lower Deck Stringer Plate, on ends of

Beams, breadth and thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Flat of Deck Material and thickness

How fastened to Beams

Hold Stringer Plate, on ends of Beams

Angles on ditto, No.

Poop Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Bridge Deck Stringer Plate, brdth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Forecastle Deck Stringer Plate, brdth & thkness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

PLATING.

FLAT PLATE KEEL, breadth and thickness

d'bling or incr'd thkness, & lngth appl.

PLATES in Garboard Strakes, brd'th & thickness

From Garboard to lower part of Bilges

Bilges, number of Strakes and thickness

Of doubling at Bilge, or increased thickness,

and length applied

from up. part of Bilge to lr. edge of Sh'rstrake

Sheerstrake, breadth and thickness

Of d'bling at Sh'rstrake & lng. applied

Poop Sides

Raised Quarter Deck Sides

Bridge Sides

Forecastle Sides

Lengths of Plating

BULKHEADS. No. in Vessel 10. No. Reqd. by Rule 10. Ceiling betwixt Decks, thickness and material 2 1/2". in hold do. do. 2 1/2". W. T. BULKHEADS { 7/16" x 3/4" (Vrtel. 5" x 3 1/2" = 5/16" 30" x 48") To the Port and Starboard main, & R. E. decks. Addition of stringers, viz: - Bulk angles, & cross beams, & webs, as per Rule. RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.

Garboard, double riveted to Box Keel on Flat Plate Keel, with rivets 1 in. diameter, averaging 4 ins. from centre to centre. Edges of Garboards and to upper part of Bilge, worked clench, double riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from centre to centre. Butts from Keel to turn of Bilge, worked clench, treble or double riveted; treble for full length, treble riveted for full length; with rivets 3/4 in. dia., averaging 3 1/2 ins. from cr. to cr. Butts of all Strakes at Bilge for full length, treble riveted with Butt Straps thicker than the plates they connect. Edges from Bilge to Sheerstrake, worked clench, double or single riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from centre to centre. Butts from Bilge to Sheerstrake, worked clench, treble or double riveted; treble for full length, treble riveted for full length; with rivets 7/8 in. dia., averaging 3 1/2 ins. from cr. to cr. Edges of Sheerstrake, double or single riveted. Butts of Sheerstrake, treble riveted for three fourth length amidships. Butts of Main Stringer Plate, treble riveted for three fourth length amidships. Single or Double Butt Straps to Stringer Plate for full length. Butts of Inner Bottom Plating double riveted for half length. Butts of Centre Girder double riveted. Breadth of edge laps of Shell Plating in double riveting 6" x 6". Breadth of edge laps of Shell Plating in single riveting 9" x 12". Butt Straps of Shell Plating breadth and thickness 19" x 19/20 to 9 3/4" x 9/16". Butts, if Lapped, breadth of laps 9" x 12". Butt Straps of Keelsons, Stringer and Tie Plates, treble or double riveted? Treble & double. Manufacturer's name or trade mark of the Iron & Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? (Singer-Martin) Steel angles & butts - Connell & Co., Dorman, Long & Co. 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? No. Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes.

MASTS, SPARS, &c.

	Material	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	Steel	74.9	19 1/2 x 7/16	15 1/2 x 5/16	16 x 5/16	10 x 5/16	Two			Single	Butts.
Main	5"	68.3	20 x 7/16	16 x 5/16	16 1/2 x 5/16	16 1/2 x 5/16	11			4	1
Mizen											

Topmasts, Yards and Remainder of Spars 4 pairs. Rigging, Material and Size, Shrouds 8/16" wire 3 1/2". Stays 4/16" wire 4". Sails. Full Suit of Schooner Sails, and the following spare sails. EQUIPMENT No. 29994 LETTER E. ANCHORS. Bowers: - mechanical fast, 27-7-96, 15-6-92, 26-4-94. J.B. Craig. Number of Certificate. WEIGHT, EX. STOCK. WEIGHT OF STOCK. TEST, PER CERTIFICATE. WEIGHT REQ. BY RULE. Description of Anchor. Makers. Where and when tested and Superintendent. 26376 1st Bower 42 2 7 - - - 37 11 3 14 42 2 - Smith's patent H. Smith Ltd. 18-5-94 26375 2nd " 42 2 - - - 37 10 - - 42 2 - " " " " 26377 3rd " 37 1 16 - - - 34 2 2 - 36 1 - " " " " Collective weight 122 1 23 121 1 - 26286 Stream 10 3 - 2 3 14 12 13 0 14 10 3 - Rodgers Ltd. 27-4-94 26282 Kedge 5 2 - 1 2 7 7 16 1 - 5 2 - " " " " 2nd Kedge

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate.			Fathoms & Size. Per Rule.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Fathoms.	Size.	Fathoms & Size. Per Rule.
			Tons.	Cwts.	Qrs.								
10792	240	1 3/8	6 1/2	88 1/2	426.1-4	240 - 1 1/8	Standard Line	Lundholm & Co. Ltd. 30-4-94.	J. Hartman	Towman	90	3 1/2	90 - 3 1/2
10948	75	1 1/8	22 1/2	34 1/2	48.2-7	75 - 1 1/8	"	"	"	Hawser, steel	90	8	90 - 8
Towline	100	4	33			100 - 4	Bertignoni & Co. Ltd.	12-5-94.	"	"	90	7	90 - 7

HAWSERS AND WARPS. Boats Two Life & two others. Pumps, Number Eight. Diameter of Barrel and Tail Pipe 6" - 8". The Windlass is Emerson, Walker & Thompson Bros. Patent. Engine Room Skylights. - How constructed? Of steel - 6' x 8' above P. A. B. What arrangements for deadlights in bad weather? Steel shutters, with bull's eyes - secured by bars. Coal Bunker Openings. - How constructed? Of iron. How are lids secured? Solid hatches. Height above deck? 18". Number of Scuppers, and number and dimensions of Freeing Ports, &c. Four scuppers each side, aft. Four, 30" x 18", each side, aft. Cargo Hatchways. - How formed? Of iron, usual construction. Hatches, if strong and efficient? Yes - solid. State size No. 1 Hatch (Forward) 18' x 14'. No. 2 Hatch 24' x 14'. No. 3 Hatch 20' x 14'. No. 4 Hatch 20' x 14'. Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch No. 1, 3 & 4. one web; No. 2. two webs; three cross beams & girders in each. Bulwarks, height above deck and description 36" plate, off. Main Rail, material and size Best angle iron. The above is a correct description. Builder's Signature, (here only) J. H. Thompson Sons. Surveyor's Signature, W. H. B. B. Surveyor to Lloyd's Register of British and Foreign Shipping.

