

Spar, ~~Awning or~~
Part Awning Dk.

IRON OR STEEL STEAMER.

(Received at London Office)

MO 13 NOV 1993

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

Date of completion of Report 10th November 1893 Port of Sunderland

No. 14162 Survey held at Sunderland Date, First Survey 27 April 1893 Last Survey 9 November 1893

On the ~~Steel Screw Steamer~~ **UMFULI** Rig ~~Screw~~

TONNAGE under Tonnage Deck... 2107.80

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

Total under Upper Dk.

Do. of Poop 146.46

Do. of Base & Qr. Deck 14.44

Do. of Bridge House 84.14

Do. of Houses on Deck 9.70

Do. of excess of Hatchways 11.78

Do. of Forecasts 5.60

Do. above Crown of Engine Room ...

Gross Tonnage 2369.92

Less Crew Space 80.57

Less above Crown of Engine Room ...

TONNAGE FOR FEES... 2289.35

Less Engine Room 78.83

Less Navigation Spaces 18.12

Register Tonnage 1512.86

As cut on Beam...

SPAR, AWNING OR PART AWNING DECKED VESSEL,

or a Vessel having a continuous Shade Deck.

CLASS 100.A.

FEET.

Half Breadth (moulded) 20.00

Depth from upper part of keel to top of Main Deck Beams 18.00

Girth of Half Midship Frame (as per Rule) 34.08

1st Number 72.08

Length 298.33

2nd Number 21503

Proportions—Breadths to Length 7.45

Depths to Length—Main Deck to top of Keel 16.57

Destined Voyage London

Surveyed while Building, Afloat, & in Dry Dock

Master H. G. Cringle

Year of Appointment

(1) As Master in service of owner of present vessel:—18
(2) As Master of this vessel:—1893

Built at Sunderland

When built 1893 Launched 13th Sept 1893

By whom built James & King

Owners Messrs Bullard & King & Co.

Managers

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

Residence London

Port belonging to London

LENGTH on Deck as per Rule	Feet	Inches	BREADTH Moulded	Feet	Inches	DEPTH, top of Floors to Spar or Awn. Dk. Beams	Feet	Inches	Power of Engines	Horse	No. of Decks with flat laid	No. of Tiers of Beams
298	4		40	0		14	10		300		2	2

Dimensions of Ship per Register, Length 300.3 breadth 40.25 depth 21.83 Spar or Awn. Dk. Moulded depth, ft. 17 ins. 2 To Main Dk. Round up of Beam, Main Dk 10 ins.

FORGINGS AND CASTINGS

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

Can the Rudder be unshipped afloat?

FRAMING.

FRAME Angles, or Bars for length amidships

Do. for at each end

Do. in way of Double Bottoms

Distance of Frames from moulding edge to moulding edge, all fore and aft

REVERSED FRAME Angles

FLOORS, depth and thickness of Floor Plate

at mid-line for length amidships

in way of Engines and Boilers

thickness at the ends of vessel

depth at the half-bdth. as per Rule

height extended at the Bilges

FLOORS & BRACKETS, in Cell Dble Bottoms

Distance apart

CENTRE GIRDER, in Double bottom, depth

and thickness

Angles, Top

SIDE GIRDERS, number and thickness

Angles

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, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on upper edge

Average space

BEAMS, Main 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, Hold, or Orlop, Plate or Tee Bulb

Angles on upper edge

Average space

BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb

Angles on upper edge

Average space

BEAMS, Bridge Deck, 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

br'dth and thickness

No. of Side Stringers

WEB FRAMES, in After Body, No. and spacing

br'dth and 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 length

Intercoastal Plate, for length

Attached to outside Plating with Angle

BILGE KEELSON, Angles

Bulb or Plate above floors, for length

Intercoastal Plate, for length

Attached to outside Plating with Angle

BILGE STRINGER Angles

Bulb Plate, for length

Intercoastal Plate, for length

Attached to outside Plating with Angle

SIDE STRINGER Angles

Bulb or Intercoastal Plate, for length

Spar, or Awning Deck Stringer Plates, on ends of Beams, breadth and thickness

Angle on ditto

Tie Plates, fore and aft, outside Hatchways

Diagonal Tie Plates on Bms, No. of pss.

Flat of Deck, * Iron or Steel, for whole len.

Wood Material and thickness

How fastened to Beams

Main Deck Stringer Plate, breadth & thickness

Angles on ditto, No. 2

Tie Plates, outside Hatchways

Diagonal Tie Plates on Bms, No. of pss.

Flat of Deck, * Iron or Steel, for whole len.

Wood Material and thickness

How fastened to Beams

Lower Deck Stringer Plates, breadth & thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Flat of Deck, * Material and thickness

How fastened to Beams

Hold, or Orlop Stringer Plate, breadth & thickness

Angles on ditto, No. 2

Tie Plates, outside Hatchways

Flat of Deck, * Material and thickness

How fastened to Beams

Poop Deck Stringer Plate, breadth & thickness

Angles on ditto

Tie Plates

Flat of Deck, * Material and thickness

Bridge Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Flat of Deck, * Material and thickness

Forecastle Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Flat of Deck, * Material and thickness

PLATING.

FLAT PLATE KEEL, breadth and thickness

Dblng or incrsd thckn's & len. appl.

PLATES in Garboard Strakes, breadth & thickness

from Garboard to lower part of Bilges

State Thickness of Plating in way of Double Bottom

Bilges, No. of Strakes and thickness

Of doubling at Bilge, or increased thickness, and length applied

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

Main Sheerstrake, breadth and thickness

Of doubling at Sh'rstr. & l. edge

from Main to Spar Dk. or Awn. Dk. Sh'rstr.

Spar or Awn. Dk. Sh'rstr., breadth & thickness

Poop sides

Bridge sides

Forecastle sides

Lengths of Plating

