

Spar, Awning or Part Awning Dk.

IRON OR STEEL STEAMER.

Date of completion of Report

Received at London Office
Th. RS. 5 OCT 1891

No. 26445 Survey held at Newcastle Date, First Survey 28 Jan'y

Port of Newcastle Last Survey 12th October 1891

On the S.S. "Benwell Tower"

Rig Schooner

TONNAGE under Tonnage Deck 2827.14

SPAR, ~~AWNING OR PART AWINING~~ DECKED VESSEL, or a Vessel having a continuous Shade Deck.

Master H. Purse

Total under Upper Dk.

CLASS 100 A.1.

Year of Appointment (1) As Master in service of owner of present vessel: 1882 (2) As Master of this vessel: 1891

Do. of Poop 135.64

FEET.

Built at Newcastle

Do. of Rais d Qr. Dk. or Break

Half Breadth (moulded) 19.95

When built 1891 Launched 5th Sept/91

Do. of Bridge House 92.15

Depth from upper part of keel to top of Main Deck Beams 22.58

By whom built The Edwards & A. Co. Ltd.

Do. of excess of Hatchways 24.39

Girth of Half Midship Frame (as per Rule) 37.32

Owners F. Stumore & Co

Do. of Forecastle 58.69

1st Number 49.85

Mundgers

Do. above Crown of Engine Room 56.71

Length 315.33

Residence London

Gross Tonnage 3200.10

2nd Number 2579.1

Port belonging to London

Less Crew Space 66.89

Proportions—Breadths to Length 7.88

Less above Crown of Engine Room 3133.21

Depths to Length—Main Deck to top of Keel 13.91

TONNAGE FOR FEES 3133.21

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock

Less Engine Room 1024.03

Less Navigation Spaces 36.49

Register Tonnage 2072.69

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
315	4		39	11		26	26	9	265		Two	Three

Dimensions of Ship per Register. Length 331.0 breadth 40.2 depth 26.75 Spar or Awn. Dk. 19.16 Main Deck. Moulded depth, ft. 21 ins. 9 To Main Dk. Round up of Beam, Main Dk 9 ins.

FRAMING.									
Same Angles, $\frac{1}{2}$ in. for $\frac{1}{2}$ length amidships									
Do. for $\frac{1}{2}$ 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 $\frac{1}{2}$ length amidships									
Do. in way of Engines and Boilers									
Do. thickness at the ends of vessel									
Do. depth at $\frac{1}{2}$ the half-bdth. as per Rule									
Do. height extended at the Bilges									
Frames & Brackets, in Cell Dble Bottoms									
Distance apart									
Main Girder, in Double bottom, depth and thickness									
Angles, Top 4.4, 9/20 Bottom									
Main Girders, number and thickness									
Angles									
Main Plate, depth (exclusive of flange) and thickness									
Angles									
Main Bottom Plating, breadth and thickness of Middle Line Strake									
Do. thickness in Engine and Boiler space									
Do. Remainder in Holds									
Main Spar or Lining Deck, Single Angle, Bulb Angle, Plate or Tee Bulb									
Angles on upper edge									
Average space									
Main, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb									
Angles on upper edge									
Average space									
Main, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb									
Angles on upper edge									
Average space									
Main, Hold, or Orlop, Plate or Tee Bulb									
Angles on upper edge									
Average space									
Main, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb									
Angles on upper edge									
Average space									
Main, Bridge Deck, Angle, Bulb Angle, Plate, or Tee Bulb									
Angles on upper edge									
Average space									
Main, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb									
Angles on upper edge									
Average space									
Main, In 'tween Decks, Size and Spacing									
Do. Hold									
Main, Frames, In Fore Body, No. and spacing									
Do. br'dth and thickness									
Main, Frames, In After Body, No. and spacing									
Do. br'dth and thickness									
Main, No. of Side Stringers									
Main, Size of Angles or Tee Bars to Web Frames									
Main, Flat Plates to Stringers between 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 half length									
Attached to outside Plating with Angle									
SIDE STRINGER Angles									
Bulb or Intercoastal Plate, for whole len.									
Spar, or Lining Deck Stringer Plates, on ends of Beams, breadth and thickness									
Angles on ditto									
Tie Plates, fore and aft, outside Hatchways									
Diagonal Tie Plates on Bms, No. of p's									
Flat of Deck * Iron or Steel, for all len.									
Do. 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 p's									
Flat of Deck * Iron or Steel, for all len.									
Do. Wood Material and thickness									
How fastened to Beams									
Lower Deck Stringer Plates, br'dth & thck'n's									
Angles on ditto, No. 2									
Tie Plates, outside Hatchways									
Flat of Deck * Material and thickness									
How fastened to Beams									
Hold, or Orlop Stringer Plate, br'dth & thck'n's									
Angles on ditto, No.									
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, br'dth & thickness									
Angle on ditto									
Tie Plates									
Flat of Deck * Material and thickness									
Forecastle Deck Stringer Plate, br'dth & th'kns									
Angle on ditto									
Tie Plates									
Flat of Deck * Material and thickness									
PLATING.									
Flat Plate Keel, breadth and thickness									
Do. Doubling or increased thck'n's & len. appl.									
PLATES in Garboard Strakes, breadth & thck'ns									
Do. from Garboard to lower part of Bilges									
Do. Bilges, No. of Strakes and thickness									
Do. Doubling at Bilge, or increased thickness, and length applied									
Do. from up. part of Bilge to lr. edge of Sh'rstrake									
Main Sheerstrake, breadth and thickness									
Do. Doubling at Sh'rstk. & len. appl.									
Do. from Main to Spar Dk. or Awn. Dk. Sh'rstk									
Do. Spar or Awn. Dk. Sh'rstk., br'dth & thck'n's									
Do. Poop sides									
Do. Bridge sides									
Do. Forecastle sides									

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

* Clearly where plating is of alternate thicknesses - as in the case of the bilge, from diminished thickness at end of vessel.

