

Spar, Awning or Part Awning Dk.

IRON OR STEEL STEAMER.

(Received at London Office)

SAT 11 FEB 1893

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

Date of completion of Report 7th Feb 1893 Port of West Hartlepool

No. 9004 Survey held at West Hartlepool Date, First Survey 30th July 1892 Last Survey 7th Feb 1893

On the Screw Steamer "EMPRESS"

Rig Schooner (2 masts)

ONNAGE under Tonnage Deck 2232.52

Do. between Tonnage Dk. and 2nd Mast 382.81

Part Awning Dk.

Total under Upper Dk. 6.02

Do. of Roop Water Tank 201.40

Do. of Houses on Deck 54.89

Do. of excess of Hatchways 25.09

Do. of Forecastle 14.85

Do. above Crown of Engine Room 2918.33

Gross Tonnage 58.41

Less Crew Space 14.85

Net Tonnage 2835.07

Engine Room 933.87

Navigation Spaces 41.81

Register Tonnage 1874.54

as cut on Beam

Spar, Awning or Part Awning-Decked Vessel,

or a Vessel having a continuous Shade Deck.

CLASS 100A.1

Half Breadth (moulded) 20.17

Depth from upper part of keel to top of Main Deck Beams 24.66

Girth of Half Midship Frame (as per Rule) 40.00

1st Number 84.83

Length 312.33

2nd Number 26495

Proportions—Breadths to Length 7.74

Depths to Length—Main Deck to top of Keel 12.67

Destined Voyage Cardiff to Cape Town

Master A. Stewart

Year of Appointment 1892

Built at West Hartlepool

When built 1893 Launched 3rd Jan 1893

By whom built Furness Withy & Co. Ltd.

Owners Imperial Steamship Co. Ltd.

Managers Sir Wright, Bacon & Co.

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

Residence West Hartlepool

Port belonging to West Hartlepool

Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck	Feet.	Inches.	BREADTH	Feet.	Inches.	DEPTH, top of Floors to Spar or Awn. Dk. Beam	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with flat laid	One
per Rule	312	4	Moulded	40	4	do. do. Main Deck Beams	21	4	250		No. of Tiers of Beams	Two

Dimensions of Ship per Register, Length 314.0 breadth 40.55 depth 21.4 Main Deck. Moulded depth, ft. 23 ins. 10 1/2 To Main Dk. 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

on the Rudder be unshipped afloat?

FRAMING.

CRANE, Angles, on 1st Post 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 FRAMES Angles

FLOORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

in way of Engines and Boilers

thickness of the ends of vessel

depth at 1/2 the half-bdth. as per Rule

height extended at the Bilges

DOORS & BRACKETS, in Cell Dble Bottoms

Distance apart

CENTRE GIRDER, in Double bottom, depth

and thickness

Angles, Top 4 x 4 x 9/16 Bottom

SIDE GIRDERS, number and thickness

Angles

MARGIN PLATE, depth (exclusive of flange)

and thickness

Angles

PER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

thickness in Engine and Boiler space

Remainder in Holds

SPAR, Awning Deck, Single Angle

Bull 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, 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 on Tee Beams 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

RICE KEELSON, Angles

Bulb or Plate above floors, for length

Intercoastal Plate, for length

Attached to outside Plating with Angle

RICE 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

Part

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 pps

Flat of Deck, Iron or Steel, for

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 pps

Flat of Deck, Iron or Steel, for

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

Roop Deck Stringer Plate, breadth & thickness

Angles on ditto

Tie Plates

Flat of Deck, Material and thickness

How fastened to Beams

Bridge Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

How fastened to Beams

Forecastle Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

How fastened to Beams

PLATING.

FLAT PLATE KEEL, breadth and thickness

Dblg. on inner thickness & on 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 Ir. edge of Sh'rstrake

Strake below Sh'rstrake

Main Sheerstrake, breadth and thickness

Of doubling at Sh'rstrake & Ir. edge applied

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

Part Spar or Awn. Dk. Sh'rstrake, br'dth & thickn's

Roop sides

Bridge sides

Forecastle sides

Lengths of Plating 14 ft. 6 in. 30 ft. 12 ft. 10 in.

