

Spar, Awning or Part Awning Dk.

IRON OR STEEL STEAMER.

(Received at Lloyd's Office)

2 JUN 1893

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

Date of completion of Report

24 May 1893

Port of

West Hartlepool

No.

9102

Survey held at

West Hartlepool

Date, First Survey

25 Nov 1892

Last Survey

23 May 1893

On the

Screw Steamer "PLYMPTON"

Rig

Schooner (2 masts)

TONNAGE under Tonnage Deck

2208.52

SEAM, AWNING OR PART AWNING-DECKED VESSEL,

Master

W. R. Page

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

on a vessel having a continuous Shade Deck.

Year of Appointment

As Master in service of present vessel:—1893

Total under Upper Dk.

CLASS + 100 A.1.

FEET.

Built at

West Hartlepool

Do. of Raft d (Gr.)

198.86

Half Breadth (moulded)

20.17

When built

1893

Launched 20th March 1893.

Do. of Raft d (Dk.)

374.72

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

24.66

By whom built

Furness, Withy & Co. Lim.

Do. of Houses on Deck

60.93

Girth of Half Midship Frame (as per Rule)

40.00

Owners

Commercial Steamship Co. Lim.

Do. of excess of Hatchways

26.38

1st Number

84.83

Managers

(Where necessary to be entered in Reg. Book)

Do. of Tonnage

2807.23

Length

312.33

Residence 32 Great St. Helen, London E.C.

Do. of Tonnage

61.60

2nd Number

26495

Port belonging to

London

Do. of Tonnage

2807.63

Proportions—Breadths to Length

7.74

Depths to Length—Main Deck to top of Keel

12.67

Do. of Tonnage

918.15

Destined Voyage

Barny to Port Said & Surveyed while Building, Afloat, or in Dry Dock

Do. of Tonnage

39.97

Do. of Tonnage

1849.51

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Spanning in holds
Ceiling between Decks, thickness and material 2" W.S.
in hold do. do. 2 1/2" W.S.
Number of Breasthooks 7 1/4 deep floors
Crutches 1 1/4 deep floors
The FRAMES extend in one length from Tank side to gunwale
The REVERSED ANGLE on floors and frames extend from

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.
Garboard, double riveted to Bar Keel or Flat Plate Keel, with rivets 1 1/8 in. diameter, averaging 4 in. from centre to centre.
Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 7/8 in. diameter, averaging 3 1/2 in. from centre to centre.
Butts from Keel to turn of Bilge, worked carvel, treble double riveted; treble for 3/4 length; with rivets 7/8 in. dia., averaging 3 1/2 in. from cr. to cr.
Butts of all Strakes at Bilge for 1/2 length, treble riveted with Butt Straps 5/16 thicker than the plates they connect.
Edges from Bilge to Main Sheerstrake, worked clencher, double single riveted; with rivets 7/8 in. diameter, averaging 3 1/2 in. from centre to centre.
Butts from Bilge to Main Sheerstrake, worked carvel, treble double riveted; treble for 3/4 length; with rivets 7/8 in. dia., averaging 3 1/2 in. from cr. to cr.
Edges of Main Sheerstrake, double single riveted.
Butts of Main Sheerstrake, treble riveted for 3/4 length amidships. Butts of Spar or Awning Sheerstrake, treble riveted 3/4 length amidships.
Butts of Main Stringer Plate, treble riveted for 3/4 length amidships. Butts of Spar or Awning Stringer Plate, treble riveted for 3/4 length.
Butts of Inner Bottom Plating double riveted for half length. Butts of Centre Girder treble & double riveted.
Breadth of edge laps of Shell Plating in double riveting 5 1/4 & 6 3/4. Breadth of edge laps of Shell Plating in single riveting 9".
Butt Straps of Shell Plating, breadth and thickness 19 1/2 x 9 1/4 & 18 1/2 x 11. Butts, If Lapped, breadth of laps 9".
Butt Straps of Keelsons, Stringer and Tie Plates, treble or double, riveted Double & Treble.
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of steel) used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Mild Steel - Corbett, D.L. Co., Palmer's, W. & P. Co., J.M. & Co., Hall's, Daley & 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
to plate, &c., conform well to each other? Yes
from the faying surfaces? Yes
Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

MASTS, SPARS, &c.
Pole Fore Iron 74.0
Main Iron 85.3
Mizen Iron masts made by Andrew & Co. Stockton-on-Tees
Rigging, Material and Size, Shrouds 3 3/4" Steel wire
Sails. One Suit of Sails and the following spare sails
Stays 4 1/4" Steel wire

EQUIPMENT No. 29807 LETTER E ANCHORS.
Number of Certificate. 24336 1st Bower
24335 2nd
24334 3rd
4th
Collective weight 121 3 1
Stream 10 3 2 2 3 2 12 15 1 7 10 3 0
Kedge 5 2 20 1 1 12 8 0 2 14 5 2 0
Description of Anchor. Wrought Iron Smith's J. Spencer & Co. 2/11/92
Patent Chokers
Ordinary J. Green 7/3/93
Where and when tested and Superintendent. Sunderland
Hartness
Sipton
H. Green

CHAIN CABLES. HAWSERS AND WARPS.
Number of Certificate. 13612 135 1 7/8 88 1/2 236.0.7 240-1 1/2 Steel link J. Green 8/3/93
13631 105 1 7/8 187.3.16 15/3/93 Sipton by
13617 75 1 7/8 147.22 1/2 48.0.14 75-1 1/2 H. Green 16/3/93
Iron Stream Chain
Towline 1st steel wire 100 4 33 100-4 Steel wire Crum & Speeding Bros. 20/4/93
Where and when tested, and Superintendent. J. Green 8/3/93
Sipton by H. Green 16/3/93
Material. Fathoms. Size. Fathoms & Size. Per Rule.
Towline Steel 90 3 1/4 90-3 1/4
Hawser Manila 90 8 90-8
Steel wire hawsers made & tested by Crum & Speeding Bros. 20/4/93

Boats. 2 Life boats & 2 others
Pumps, Number 2 Deck pumps
The Windlass is Emerson, Walker & Thompson Bros.
Engine Room Skylights. How constructed? Iron on iron casing 6' 8" above Pt. Awning deck. Boiler casing 4' 6" high.
What arrangements for deadlights in bad weather? Thick glass bullseyes in iron hinged covers.
Coal Bunker Openings. How constructed? 3 Hatches on each side How are lids secured? Bars & Jarpaulins Height above deck? 12"
Number of Scuppers, and number and dimensions of Freeing Ports, &c. Open bulwarks on Pt. Awning deck.
4 Ports (23x15), 5 Scuppers, & 2 Mooring pipes each side of Quarter deck.
Cargo Hatchways. How formed? Steel Plate Coamings. Hatches. If strong and efficient? Yes, Solid.
State size No. 1 Hatch (Forward) 15' 10" x 15' 10" x 21" No. 2 Hatch 23' 10" x 15' 10" x 21" No. 3 Hatch 23' 10" x 15' 9" x 33" No. 4 Hatch 24' 0" x 14' 10" x 30"
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch 1 Shifting beam in No. 1; 2 web plates in No. 2, 3 & 4 hatches, 3 Fore & Afters in each hatch.
Bulwarks, height above deck and description Thick plating 10' 8" 3 1/4" high above string Main Rail, material and size 6" Bull angle at Quarter deck.

The above is a correct description.
Builder's Signature (here only) Howard Mills
Surveyor's Signature Cas. Dowling
Surveyor to Lloyd's Register of British and Foreign Shipping.

Order for Special Survey No. 1054
Date 19th Nov 1892
Order for Ordinary Survey No. 197
No. 197 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
2nd. On the plating during the process of riveting
3rd. When the beams were in and fastened, and before the decks were laid
4th. When the ship was complete, and before the plating was finally coated or cemented
5th. After the ship was launched and equipped
Built under Special Survey
First Visit 25th Nov 1892
Last " 23rd May 1893
Total No. of Visits 61
State dates and initials of letters respecting this case 1892. June 27. 28. Aug. 4. Sep. 5. 15. 23. Oct. 6. 19. 21. Nov. 16. 1893. Jan. 2. 14. 26. 28. 30.
General Remarks (State quality of workmanship, &c.) Feb. 17. April 5. 7. 13. 14. May 19

The workmanship is good & the vessel has been constructed in accordance with the approved plans (8 in No.) which together with one Forgings Report is attached hereto. The fore peak bulkhead has been tested as required. This is a sister ship to the S.S. "Empress", West-Startpool Report No. 9004

- Drawings.
Midship Section
Profile
Topside plating
Main deck
Quarter deck
Part-awning deck
Iron masts
Pumping plan.

To be returned for sister ships.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 131 ft., R.Q.D. or Break 183 ft., Bridge Dk. 183 ft., F'castle 183 ft., (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated

Raised Quarter deck connected to Part-awning deck.

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) One deck (iron & steel) & part-awning deck (iron & steel) & web frames.
Official No. 102786; Signal Letters

PARTICULARS OF WATER BALLAST—

Double bottom, aft, length and water capacity in tons Double bottom, forward, length and water capacity in tons
Double bottom, under engines and boilers, length and water capacity in tons If under Engines only, or Boilers only, state which
Double bottom, constructed on the cellular system, length 286 feet and water capacity in tons 509
Fore peak tank, water capacity in tons After peak tank, water capacity in tons 30
Midship deep tank, length and water capacity in tons Other tanks, if fitted, length and water capacity in tons
The above have all been tested as required by the Rules.
(If necessary, furnish further information by sketch.)

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

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated 7th April 1893
In Summer 9 ft. 3 ins.
In Winter 9 ft. 7 1/2 ins.
For Winter in North Atlantic 10 ft. 0 ins.
Fresh Water above the centre of disc 5 ins.
Statutory deck line at To top of Wood, Iron or Steel Upper Spar, Awning, or Part Awning Deck.

The amount of Entry Fee £ 5: is received by me, Special £ 95: 14: Certificate £ Travelling Expenses, if any £
1. 6. 1893

I am of opinion this Vessel should be Classed 100 A.1. Part-awning deck, with Freeboard.

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

Committee's Minute
Character assigned 100 A.1 Steel
2 Larc
+ 2 Mc 5 93
15K (pt. steel pt. iron) 2 sub B & web frames & pt. awning dk.
(pt. steel pt. iron)
7 K

This vessel appears to have been built in accordance with the Rules and the approved plans and it is submitted that she is eligible to be classed 100 A.1 (Steel) Part-awning deck with Freeboard as recommended. The minimum fore and aft 9' 3" from centre of disc to top of statutory deck line at part-awning deck, and on the vessel's sides, the indicated in the Classification Certificate and recorded in the Register Book, and further the remaining foreboards, as shown in the accompanying verification form to be inserted in the Certificate of Classification.