

With or Without  
Disconnected Erections.

STEEL STEAMER.

Received at London 30 MAY 1913

Date of completion of report 29<sup>th</sup> May 1913.

Port of West Hartlepool

No. 14 659.

Survey held at West Hartlepool

Date, First Survey 10<sup>th</sup> October, 1912

Last Survey 24<sup>th</sup> May 1913

1913

On the (State if Single, Twin, or Triple Screw)

Single screw Steel Steamer "PENSILVA" (GRAY'S No 824) Rig Schooner

TONNAGE under Tonnage Deck 4024.69

CLASS 100 A.1.

FEET.

Master J. STEER.

Do. between Tonnage Dk. and 3rd and 4th Dk.

Breadth (greatest moulded) 50.54

Year of appointment (1) As Master in service of owner of present vessel: 1891. (2) As Master of this vessel: 1913.

Total under Upper Dk. 4024.69

Depth, at middle of length from top of keel to top of upper deck beams at side 28.34

Built at West Hartlepool

Do. of Poop (Stern) 34

Transverse Number 48.91

When built 1913 Launched 10<sup>th</sup> March 1913.

Do. of H. Dk. Chalk House 62.34

Length on deck from fore part of stem to after part of stern post 365.00

By whom built W. Gray & Co. Ld.

Do. of Bridge House 22.33

Longitudinal Number 28802.15

Owners R. B. Chellaw.

Do. of Forecastle 51.45

Depth "d," at middle of length (See Secs. 2 & 13) 24.11 1/2

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

Do. of Houses on Dk. 89.80

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.86

Residence Irwore.

Do. of excess of Hatchways 56.28

Long Bridge Deck Beam at side to top of keel 10.14

Port belonging to Falmouth.

Do. above Crown of Engine Room 61.80

Gross Tonnage 4316.33

Less Crew Space 104.73

Less above Crown of Engine Room 61.80

TONNAGE FOR FEES 4146.80

Less Engine Room 1381.23

Less Navigation Spaces 113.56

Register Tonnage as out on Beam 2413.81

Destined Voyage Bristol Channel for Port Said If Surveyed while Building, Afloat, or in Dry Dock Yes.

| LENGTH on Deck as per Rule | Feet. | Inches. | BREADTH—Moulded | Feet. | Inches. | DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams | Feet. | Inches. | No. of Decks with flat laid | No. of Tiers of Beams |
|----------------------------|-------|---------|-----------------|-------|---------|---|-------|---------|-----------------------------|-----------------------|
| 365                        | 0     | 0       | 50              | 6 1/2 | 0       | 26  | 0     | 0       | One                         | One                   |

Dimensions of Ship per Register, Length 365.2 breadth 50.8 depth 26.0 Moulded depth, ft. 35 ins. 10 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 1/2 ins. Moulded depth, ft. 28 ins. 4 1/2 To Upper Dk.

| FRAMING.  |                    |                 |                 |                                 |                                 | PILLARS.  |                 |                 |                                 |                                 |                                 |
|---|--------------------|-----------------|-----------------|---------------------------------|---------------------------------|---|-----------------|-----------------|---------------------------------|---------------------------------|---------------------------------|
| NAME, Angle, or Form  | Inches in Ship.    | Inches in Ship. | Inches in Ship. | Inches per Rule or as Approved. | Inches per Rule or as Approved. | PILLARS, In 'tween Deck, size and spacing                       | Inches in Ship. | Inches in Ship. | Inches per Rule or as Approved. | Inches per Rule or as Approved. | Inches per Rule or as Approved. |
| AME, Angles, or Form Bars amidships   | 12                 | 3 1/2           | 62              | 12                              | 3 1/2                           | 62  | 2 7/8           | 51              | 2 7/8                           | 51                              | 51                              |
| Do. in peaks  | 4                  | 3 1/2           | 42              | 4                               | 3 1/2                           | 42  |                 |                 |                                 |                                 |                                 |
| Do. in way of Double Bottoms at Solid Floors  | 3 1/2              | 3 1/2           | 38              | 3 1/2                           | 3 1/2                           | 38  |                 |                 |                                 |                                 |                                 |
| " " at intermdt. Bkts.  |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| acing of Frames from centre to centre amidships                                     | 25 1/2             |                 |                 | 25 1/2                          |                                 |   |                 |                 |                                 |                                 |                                 |
| " " from 1/2 length to Collision bulkhead   | 25 1/2             |                 |                 | 25 1/2                          |                                 |   |                 |                 |                                 |                                 |                                 |
| " " in peaks  | 24                 |                 |                 | 24                              |                                 |   |                 |                 |                                 |                                 |                                 |
| VERSED FRAME, Angles  | Bulb angle framing |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| Do. in way of Double Bottoms at Solid Floors  | 3 1/2              | 3 1/2           | 38              | 3 1/2                           | 3 1/2                           | 38  |                 |                 |                                 |                                 |                                 |
| " " at intermdt. Bkts.  |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| AMING, depth of girder  | 12                 |                 |                 | 12                              |                                 |   |                 |                 |                                 |                                 |                                 |
| DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships      |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| " in way of Engine and Boiler Spaces  | E. 38, B. 48       |                 |                 | E. 38, B. 48                    |                                 |   |                 |                 |                                 |                                 |                                 |
| " thickness at the ends of vessel   |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| " depth at 1/2 the half breadth, as per Rule  |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| " height extended at the Bilges   |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| DOORS in Cell. Double Bottoms   | 41                 |                 | 38              | 41                              |                                 | 38  |                 |                 |                                 |                                 |                                 |
| " state if flanged (top & bottom)   | 40                 |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| " Spacing of Solid floors   | 25 1/2             |                 |                 | 25 1/2                          |                                 |   |                 |                 |                                 |                                 |                                 |
| ENTRE GIRDER, in Dbl. bottom, dpth. & thknss.                                       | 41                 |                 | 50              | 41                              |                                 | 50  |                 |                 |                                 |                                 |                                 |
| " Angles, Top   | 3 1/2              | 3 1/2           | 48              | 3 1/2                           | 3 1/2                           | 48  |                 |                 |                                 |                                 |                                 |
| " " Bottom  | 4 1/2              | 4 1/2           | 58              | 4 1/2                           | 4 1/2                           | 58  |                 |                 |                                 |                                 |                                 |
| " " to Floors   | 3 1/2              | 3 1/2           | 38              | 3 1/2                           | 3 1/2                           | 38  |                 |                 |                                 |                                 |                                 |
| " Brackets at intermdt. frng., wdth & thknss  |                    |                 | 36              |                                 |                                 | 36  |                 |                 |                                 |                                 |                                 |
| IDE GIRDERS, number on each side & thickness  | Two                |                 | 36              | Two                             |                                 | 36  |                 |                 |                                 |                                 |                                 |
| " state if flanged (top and bottom)   | 40                 |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| " Angles (top and bottom)   | 3 1/2              | 3 1/2           | 38              | 3 1/2                           | 3 1/2                           | 38  |                 |                 |                                 |                                 |                                 |
| " " to Floors   | 3                  | 3               | 38              | 3                               | 3                               | 38  |                 |                 |                                 |                                 |                                 |
| MARGIN PLATE, depth (exclusive of flange) and thickness                             | 35                 |                 | 44              | 35                              |                                 | 44  |                 |                 |                                 |                                 |                                 |
| " Angles to Outside Plating   | 3 1/2              | 3 1/2           | 44              | 3 1/2                           | 3 1/2                           | 44  |                 |                 |                                 |                                 |                                 |
| " " Floors  | 3 1/2              | 3 1/2           | 38              | 3 1/2                           | 3 1/2                           | 38  |                 |                 |                                 |                                 |                                 |
| " Brackets at intermdt. frng., wdth & thknss  |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| " Height of Outside Brackets above at bilge   | 23                 |                 |                 | 23                              |                                 |   |                 |                 |                                 |                                 |                                 |
| NNER BOTTOM PLATING, breadth and thickness of Middle Line Strake                    | 41                 |                 | 48              | 41                              |                                 | 48  |                 |                 |                                 |                                 |                                 |
| " " in Engine and Boiler space  | E. 50, B. 54       |                 |                 | E. 50, B. 54                    |                                 |   |                 |                 |                                 |                                 |                                 |
| " " Remainder in Holds  |                    |                 | 38              |                                 |                                 | 38  |                 |                 |                                 |                                 |                                 |
| BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel            | 9                  | 3 1/2           | 54              | 9                               | 3 1/2                           | 54  |                 |                 |                                 |                                 |                                 |
| " In way of Long Bridge   | 8 1/2              | 3 1/2           | 50              | 8 1/2                           | 3 1/2                           | 50  |                 |                 |                                 |                                 |                                 |
| " Spacing   | 25 1/2             |                 |                 | 25 1/2                          |                                 |   |                 |                 |                                 |                                 |                                 |
| BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel           |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| " Spacing   |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| " Angles on upper edge  |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| " Spacing   |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel                    | 6 1/2              | 3               | 40              | 6 1/2                           | 3                               | 40  |                 |                 |                                 |                                 |                                 |
| " Angles on upper edge  |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| " Spacing   | 25 1/2             | 24              |                 | 25 1/2                          | 24                              |   |                 |                 |                                 |                                 |                                 |
| BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel                  | 8 1/2              | 3               | 46              | 8 1/2                           | 3                               | 46  |                 |                 |                                 |                                 |                                 |
| " Angles on upper edge  |                    |                 |                 |                                 |                                 |   |                 |                 |                                 |                                 |                                 |
| " Spacing   | 25 1/2             |                 |                 | 25 1/2                          |                                 |   |                 |                 |                                 |                                 |                                 |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel              | 10                 |                 | 54              | 10                              |                                 | 54  |                 |                 |                                 |                                 |                                 |
| " Angles on upper edge  | 3 1/2              | 3 1/2           | 40              | 3 1/2                           | 3 1/2                           | 40  |                 |                 |                                 |                                 |                                 |
| " Spacing   | 51                 | 48              |                 | 51                              | 48                              |   |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " " " " br'dth & thickness (in way of Bridge)                   |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " " " " Angle (clear of Bridge)                                 |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " " " " Tie Plate at sides of Hatchways                         |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " " " " Deck * Iron or Steel, for full lng.                     |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " " " " Thickness (clear of Bridge)                             |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " " " " (in way of Bridge)                                      |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " " " " Wood Deck. Material & thickness                         |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | Second Deck Stringer Plate, br'dth & thickness                  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Angles on ditto, No.  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Tie Plates outside Hatchways                                  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Deck * Iron or Steel, for lng.                                |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Wood Deck. Material & thickness                               |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | Third Deck Stringer Plate, br'dth & thickness                   |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Angles on ditto, No.  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Tie Plates, outside Hatchways                                 |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Deck * Material and thickness                                 |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | Fourth and Fifth Deck Stringer Plate, breadth & thickness       |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " " " Angles on ditto, No.                                      |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " " " Tie Plates outside Hatchways                              |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " " " Deck. Material & thickness                                |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | Poop Deck Stringer Plate, breadth & thickness                   |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Angle on ditto  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Tie Plates  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Deck. Material and thickness                                  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | Bridge Deck Stringer Plate, br'dth & thickness                  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Angle on ditto  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Tie Plates  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Deck. Material and thickness                                  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | Forecastle Deck Stringer Plate, b'dth & th'kns                  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Angle on ditto  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Tie Plates  |                 |                 |                                 |                                 |                                 |
|   |                    |                 |                 |                                 |                                 | " Deck. Material and thickness                                  |                 |                 |                                 |                                 |                                 |

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

Lloyd's Register  
W262-0027 (112)







GENERAL REMARKS—(continued).

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 27.25 ft., R.Q.D. ☒ ft., Bridge 106.25 ft., Forecastle 36.0 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

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 of steel.

Official No. 1333 H 2; Signal Letters ☒

State if Machinery is fitted aft ho.

How are the surfaces preserved from oxidation? Inside Portland Cement and Paint

Outside Paint.

**PARTICULARS OF WATER BALLAST.**—State whether the Double bottom is constructed on the cellular system or with girders on floors cellular system

| Where Fitted.                                     | *Length.<br>Feet.               | Water Capacity.<br>Tons. | Where Fitted.  | *Length.<br>Feet. | Water Capacity.<br>Tons. |
|---|---------------------------------|--------------------------|--|-------------------|--------------------------|
| Double bottom, aft, <u>and</u>                    | <u>144.5</u>                    | <u>454</u>               | Fore peak tank,  | —                 | <u>110</u>               |
| Double bottom, under Engines <u>and Boilers</u> } | —                               | —                        | After peak tank,                                       | —                 | <u>109</u>               |
| Double bottom, if under Engines only,             | —                               | —                        | Deep tank, aft,  | —                 | —                        |
| Double bottom, if under Boilers only,             | —                               | —                        | Deep tank, forward,                                    | —                 | —                        |
| Double bottom, forward,                           | <u>159.345</u>                  | <u>509</u>               | Other tanks, if fitted,                                | —                 | —                        |
|   | Total capacity of double bottom | <u>966</u>               | (If necessary, furnish further information by sketch.) | —                 | —                        |

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules yes.

Order for Special Survey No. 2146

Date 2<sup>nd</sup> November 1912

No. 824 in builder's yard.

DATES OF SURVEYS held while building

1912  
Oct. 10. 14. 18. 23. 24. 28. Nov. 15. 7. 19. 20. Dec. 4. 10. 12. 19. 23. 24. 31.  
1913  
Jan. 3. 10. 13. 16. 21. 29. Feb. 3. 5. 11. 14. 18. 20. 21. 24. 26. Mar. 11. 12. 17. 19. 20. 26. 28.  
Apr. 1. 4. 7. 9. 14. 17. 19. 21. 23. 28. May 1. 2. 6. 9. 14. 15. 16. 19. 20. 22. 24.

Surveyor's Signature

William H. Wares

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Total No. of Visits 61

Lloyd's Register  
Foundation