

REPORT of SURVEY for REPAIRS, &c.

No. in Reg. Book. **No. 36** Survey held at **Bristol** Date, first Survey **24 May** Last Survey **25 May** 18**76**

891 on the **Screw Steamer "Collier"** Master **Wm Farnell**

TONNAGE under Tonnage Deck
 Ditto of Spar Deck, or Awning Deck
 Ditto of Poop
 Ditto of Raised Qr. Dk.
 Ditto of Houses on Deck
 Ditto of Forecastle
 Gross Tonnage **205**
 Crew Space, as per Rule
 Register Tonnage, cut on Beam
 Engine Room
 Reg. Tons as St' mer, cut on Bm. **131**

Built at **Port Glasgow** When built **1849**
 Owners **Wm E Peters** Port belonging to **Plymouth**
 Residence **Bristol**
 By whom built
 Destined Voyage **France**
 If Surveyed ~~Afloat~~ or in Dry Dock **Bristol**

Length of Poop **129** ft. Ditto, Forecastle **26** ft. Ditto, Raised Quarter Deck **7** ft.
 Years assigned **1** Character in Register Book **A. 1**

Last Survey, No. **3445** Port **Bristol 12072**

REPAIRS, OR EXAMINATION AS PER RULE of Engine and Boiler

This Steamer having grounded on the bank of River Avon, and fitted with water
 " Has been placed in dry Dock: found the Keel and flat of bottom sound.
 " Found four plates (above the Bilge) Port Side broken, and three plates bent.
 " Eight frames broken. Ten Peck beam ends bent, and several Gusssets to be broken.
 " Four new plates put in the Port Side of $\frac{6}{16}$ thick, with 8 new Butt Straps $\frac{7}{16}$ thick, double riveted.
 " Three plates taken off and straightened, and replaced with $\frac{3}{4}$ new rivets.
 " Ten beam ends straightened, and 16 new Gusssets fitted to beams, and riveted with $\frac{3}{4}$ rivets.
 " Eight new frames fitted from floors to plank shear $3\frac{1}{2} \times 3 \times \frac{7}{16}$ and riveted with $\frac{3}{4}$ rivets, to the plates.
 " 43 new Oak Stainers, and all new Main Rails and bulwarks fixed, all fore and aft.
 " New piece of waterway of Pitch pine on Port Side, scarfed and well secured to Deck $\frac{3}{4}$ rivets.
 " All the ceiling taken up, and the cementing found good, ceiling repaired and replaced.
 " All the plating inside and out, also frames, stainers & beams scraped and repainted.
 " Three new Pitch pine Mast and spars, with wire rigging & stays, and all Equipment, now new.
 P. J. O.

Present Condition of the
 Decks **made - good**
 Waterways **do**
 Comings **new both main & fore of P. Pine**
 Upper Deck Beams & Fastenings **very good**
 Lower Deck Beams & Fastenings **do**
 Plank sheers **do**
 Sheerstrakes **do**
 Topsides **do**
 Wales **do**
 Plank (Bottom) and Counter **do**
 Engine Room Skylights **new** Coal Bunker, Openings, Lids, &c. **new** Scuppers **good** Cargo and Main Hatchways **new** Hatches **new**

Greenails **Rivets all made good**
 Breasthooks and Stemson **very good**
 Transoms, Pointers, and Crutches **do**
 Timbers of the Frame at the openings **do**
 Ditto Ditto at other places **do**
 Keelsons **do**
 Clamps and Shelves **do**
 Ceiling **(some new new P.P.) do**
 Rudder **do**
 Copper **When put on**
 Caulking of
 Bottom, Deck, & Waterways **Now done**
 Windlass and Capstan **Winches very good**
 Pumps **do**
 Boats **2 boats, one new - do**
 Masts, Yards, &c. **All new. P.Pine**
 Condition, how ascertained
 Sails **One suit all new**
 Anchors **6 No. of correct in weight**
 Cables **one new & one very good (See)**
 Hawsers and Warps **new Tawline & new wrap**
 Standing & Running Rigging **all new**

General Observations, Opinion as to Class, &c.
 This Steamer has been carefully repaired, and is worthy her Class
 Her Engine and Boiler have been surveyed by Mr. Jacobs, Engineer
 Surveyor Cardiff and his report sent with this.

The Amount of Entry Fee **£ 10 : 0** received by me, **25 May**
 Special **£ 3 : 3 : 0** 1876
 Certificate (if required) **£ 5 : 0**
 (Travelling Expenses, if any, £)
 Committee's Minute **30th May** 18**76**
 Character assigned **A. 1**

Henry Follett
 Surveyor to Lloyd's Register of British and Foreign Shipping.



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16372 Irons

Work done to the S. Str. "Collier"

- " The port rubbing strake taken off. Straightened and refixed
- " Two new $\frac{5}{8}$ plates to main Bulkhead of Coal Bunkers
- " New chain plates, and iron work to pass, and new dead eyes, and blocks,
- " New Windlass of Italian Oak, and all the purchase cleaned
- " New Main and Fore Hatchways of Pitchpine and all new Hatches
- " New Scuttles to Engine Room - Part new Waterways and Deck midships of Pine
- " New plank sheer midships of Pitchpine & deck House covered in with $\frac{1}{2}$ Pine
- " All new Steering gear, with new wheel and chains & extra new Iron Pillar
- " New Jolly Boat, and nearly new Long Boat
- " New Towline and Hawsers.
- 90 Fath of $7\frac{1}{2}$ and 90 Fath of 4. Hemp
- 120 Fath of $3\frac{1}{2}$ & $2\frac{3}{4}$ nearly new and very good.

Chains

- " 90 Fathoms of $\frac{15}{16}$ Stud Chain Tested to 15.16.0 } by A. G. Lewis at the
3 links of each 15 Fathoms do to 23.14.0 } Wetherston Works 16 May 187
- " 75 Fathoms of $\frac{15}{16}$ Stud Chain Very good
- " 30 fathoms of $\frac{3}{4}$ Stream or Mooring Chains.

H. F.



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