

# REPORT of SURVEY for REPAIRS, &c.

No. in Reg. Book. **No. 3691** Survey held at **Bristol** Date, first Survey **2 March** Last Survey **13 April 1877**  
 on the **Iron Ship, "Olive,"** Master **W. Cracken**  
 Tonnage under Tonnage Deck **847** Built at **Sunderland** When built **1874** MONTH **5**  
 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 **885** Owners **G. Ellis** Port belonging to **Sunderland**  
 Crew Space, as per Rule  
 Register Tonnage, cut on Beam **892** Residence **London**  
 Engine Room By whom built **Pile** Destined Voyage  
 Reg. Tons as St' mer, cut on Bm. If Surveyed Afloat or in Dry Dock **Bristol**

Length of Poop ft. Ditto, Forecastle ft. Ditto, Raised Quarter Deck ft. Years assigned. Character in Register Book.  
 Last Survey, No. **# 17154** Port **San Francisco - 1872** Classed **100 A.1**  
**9.36**

PAIRS, OR EXAMINATION AS PER RULE of Bottom &c  
 This Ship having grounded on Duxbury Reef, near San Francisco, and having been temporary repaired, at that Port, has been placed in dock, here, Fourteen plates in the bottom have been removed and rolled; found two broken which have been replaced with new, and the others replaced, and well riveted; also found fourteen frames broken, & replaced with new; Extending from Keelson to 19 feet up, and twelve reverse frames running from floor plates to 12 feet up; all having additional four feet lengths of corresponding angle iron over each butt of the frames, well riveted sixteen new butt straps, to replace those found broken, and all rivets in the bottom. Examined The cementing broken out, to replace the frames & plates, has been made good; and all the ceiling replaced & repaired from the main mast to the Bow, on Starb. Side. Bottom scraped clean, and recoated with paint. The Deck and Waterways, found strained, have been caulked all over, Windlass having been strained, was unhung, and the patent purchase pawls refitted &

Present Condition of the **P. S. O.**  
 Decks **Very good** Freenails Rivets all made good Windlass and Capstan **Very good**  
 Waterways **do** Breasthooks and Stemson **Very good** Pumps **do**  
 Comings **do** Transoms, Pointers, and Crutches **do** Boats **do**  
 Upper Deck Beams & Fastenings **do** Timbers of the Frame at the openings **do** Masts, Yards, &c. **do**  
 Lower Deck Beams & Fastenings **do** Ditto Ditto at other places **do** Condition, how ascertained **Examined**  
 Planksheers **do** Keelsons **do** Sails **All in good Order.**  
 Sheerstrakes **do** Clamps and Shelves **do** Anchors No. of **3 found correct**  
 Topsides **do** Ceiling **do** Cables **do**  
 Wales **do** Rudder **do** Hawseers and Warps **Very good**  
 Plate of (Bottom) and Counter **do** Copper When put on **do** Standing & Running Rigging **now overhauled**  
 Engine Room Skylights Coal Bunker, Openings, Lids, &c. Scuppers **good** Cargo and Main Hatchways **good** Hatches **good**

General Observations, Opinion as to Class, &c.

This ship is in excellent Order, and fit to carry dry and perishable - cargoes to all parts of the World, and is worthy her Class.

The Amount of Entry Fee **Repairs** £ 2 : 0 : 0 received by me, **25 April 1877**  
 Special £ 10 : 10 : 0  
 Certificate (if required) £ : 5 : 0  
 (Travelling Expenses, if any, £ )

Committee's Minute **24th April 1877**

Character assigned **100 A.1**

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



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Particulars of work done to the Ship "Olive",

- " 14 plates taken out, properly set, and 12 replaced, two found broken, have been replaced with new,  $11.0 \times 4.0 \times \frac{1}{2}$ , and  $11.0 \times 14.0 \times \frac{7}{8}$
- " 14 parts of frames renewed  $19.0 \times 4.0 \times \frac{1}{2}$
- " 12 parts of reverse frames renewed  $12.0 \times 3.3 \times \frac{3}{8}$
- " 16 Buttstraps supplied,  $\frac{5}{8}$ , and  $\frac{1}{2}$ , thick.
- " 2 Stringers removed and replaced, 39 Angle brackets for do.  $3 \times 3 \times \frac{3}{8}$
- " 21 Compensation Angle Irons of 4 feet each length over butts of frames  $4 \times 3 \times \frac{1}{2}$
- " 26 frames relined, and, 36 Butts caulked
- " 1 Compensation angle on lower stringer  $4 \times 3 \times \frac{1}{2}$
- " 6 plates straightened and set right, on the Vessel.
- " 28 Buttstraps re-rivettied, and a large quantity of loose rivets taken out, and renewed
- " Top Brace of Rudder taken off, closed and re-rivettied
- " Deck Boiler, Exam., and joints of pipes to Steam Wrench, renewed, being strain
- " Starboard side from main mast to the Bow, re-cemented.
- " Ceiling repaired and replaced from main mast to the Bow, on Starboard side
- " The frames, and reverse frames, Stringers, and plates, all newly painted

Henry Hollett



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