

# REPORT of SURVEY for REPAIRS, &c.

42031

No. in Survey held at London Date, first Survey 1<sup>st</sup> Nov<sup>r</sup> Last Survey 12<sup>th</sup> Dec<sup>r</sup> 1882  
 Reg. Book. (Received at London Office, 13. 12. 82)

209 on the Barque "Helen"

(No. of Visits)

Master G. M. Evans.

Official Number  
 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  
 Crew Space, as per Rule  
 Register Tonnage, cut on Beam  
 Engine Room  
 Reg. Tons as St<sup>r</sup>mer, cut on Bm.

Built at Greenock

When built 1864

Owners M<sup>r</sup> Gregor & Bayley

Port belonging to Hobart

Residence

By whom built R. Steele

Destined Voyage Hobart

If Surveyed Afloat or in Dry Dock In the Bull Head Dry Dock.

(State Name of Dock)

Length of Poop ft. Ditto, Forecastle ft.

Ditto, Raised Quarter Deck ft.

Last Survey, No. 39483 Port Lon

REPAIRS, OR EXAMINATION AS PER RULE  
 Cause of Repairs to be clearly stated.

Society's Load-Line (if assigned) as painted on Ship

Society's Freeboard (if assigned) as painted on Ship

Classed 13 A 1

Cont. July 1878 7,80

Continuation on the A Character, Section 54 Survey N<sup>o</sup> 2 and Raised Class.

This vessel has been placed in dry dock; the yellow metal sheathing stripped off the bottom & the bottom examined, the outside planking from the light water mark upwards, including the plank sheer & waterways brightened. The hold, the air courses and the timbers cleared. The whole of the greenails from the light water mark upwards removed except in way of the cabin in the Raised Deck. The greenails also removed from the light water mark to the lower turn of the bilges excepting about twenty feet at each end. The timbers &c. in the greenail holes examined and found satisfactory. Several greenails were removed in way of the cabin in the Raised Deck and the condition of the greenails and the planking & timbers in the greenail holes having been found satisfactory, per

Present Condition of the

Decks (new upper deck) — good

Waterways do

Comings do

Upper Deck Beams & Fastenings do

Lower Deck Beams & Fastenings do

Plank sheers do

Sheerstrakes do

Topsides do

Wales do

Plank (Bottom) and Counter do

Engine Room Skylights

Coal Bunker, Openings, Lids, &c.

General Observations, Opinion as to Class, &c.

Treenails good

Breasthooks and Stemson do

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 do

Rudder do

Copper (Y.M.) good When put on now.

(State if on Felt.)

Cement (if Iron Ship)

Caulking of Bottom, Deck, & Waterways good

Scuppers good

Cargo and Main Hatchways good

Hatches good

Windlass and Capstan good

Pumps do

Boats do

Masts, Yards, &c. do

Condition, how ascertained by examination

Sails good

Anchors No. of 3.3. 1.2K.

Cables 225 fathoms - complete

Hawsers and Warps good

Standing & Running Rigging do

The Amount of Entry Fee ... £ 4 : 6 : 7 received by me, ...

14/12/82 Special ... £ 6 : 6 : 10 Dec 1882

Certificate (if required) ... £ - : 5 : -

to be sent as per margin...

(Travelling Expenses, if any, £)

Committee's Minute 21<sup>st</sup> Dec<sup>r</sup>

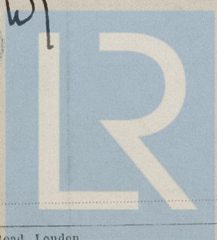
Character assigned Raised to 14 A.1

Cont. 9 A.1 from July 1878 -

HI Lon 82 -

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J. H. Truscott.  
 M<sup>r</sup> C. B. Davey  
 Surveyor to Lloyd's Register of British and Foreign Shipping.



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mission was granted to the Master in the Secretary's letter of the 30<sup>th</sup> November 1882, to dispense with the further removal of greenails in this part of the vessel. A plank removed in each bow & in each buttock. Bolts driven out as per Rule. A new listing of ceiling cut out of the ceiling at each end of the lower hold on each side for one-fifth the vessel's length. The beams are of iron and are in good condition. The windlass ends examined and the lining of windlass sufficiently stripped for examination; the main piece &c. found in good condition. The chain cables ranged. The masts and spars examined and all other requirements of the Rules complied with.

The greenails from the light lower turn of the bilges upwards renewed of stringy bark except about twenty feet at each end below the light water-mark and excepting in way of the cabin in the Raised Deck already mentioned. The bow and buttock planks removed for survey renewed of teak. On the port side forward four first futtocks, five second futtocks and nine cross chocks renewed of English oak. On the starboard side forward two first futtocks, four cross chocks and one through chock are new of English oak. Seventeen planks of the ceiling on the port side forward and twelve planks on the starboard side renewed of English oak. The whole of the upper deck renewed of yellow pine 3" thick, fastened with galvanized iron nut & screw bolts. The mizen mast & the main topmast renewed of pitch pine. The vessel recaulked from the keel to the gunwale and the new deck caulked. The bottom of vessel re-sheathed with yellow metal over felt.

Application having been made by the Owners with a view to Raised Class, the vessel has been examined accordingly. It appears from the first entry report that the frame is of British oak 12 years material; the main keelson greenheart 12 years; the stem and stern post British oak 12 years; the deck & hold beams iron; the planking outside from the keel to the height in Note to Table A American rock elm 12 years; from the above named height to the wales & blackstrakes inclusive greenheart 12 years; the topsides East India teak 16 years; one plank of the sheerstrake on each side greenheart 12 years and the remainder of the sheerstrake East India Teak 16 years; the plank sheers & upper deck waterway East India teak 16 years; the lower deck waterway greenheart 12 years; five strakes of the ceiling in the tween decks East India teak 16 years; the remainder of the planking inside is greenheart 12 years. The frame is stated to be well squared and the general quality of the workmanship good.

The original class of this vessel was 13 A. 1 viz: 12 years - Table A.  
1 year metal fastenings  
13 years

She now appears eligible to have her original class raised to 14 A. 1 viz: 12 years - Table A.  
1 year metal fastenings  
1 mixed material rule  
14 years.