

415893

REPORT of SURVEY for REPAIRS, &c.

(Received at London Office, 16/6/82)

No. in Survey held at London
Reg. Book.

Date, first Survey 2nd May Last Survey 26th May 1882
(No. of Visits 4)

410 on the Barque "Alchemist"

Master S. Gunton.
YEAR. MONTH.

TONNAGE under Tonnage Deck 508

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' mer, cut on Bm.

Built at Sunderland

When built 1859

Owners R. Jolly & Co

Port belonging to London.

Residence

By whom built R. Thompson

Destined Voyage Mauritius.

If Surveyed Afloat or in Dry Dock In the Gun Dry Dock.

(State Name of Dock)

Length of Poop ft. Ditto, Forecastle ft. Ditto, Raised Quarter Deck ft. Years assigned. Character in Register Book.

Last Survey, No.

Port

Rest. Lon. 78- 7 3. 81.

REPAIRS, OR EXAMINATION AS PER RULE

Cause of Repairs to be clearly stated.

Half Time Survey - Section 34 also Improved Class.

This vessel has been placed in dry dock; the bottom sighted and the yellow metal sheathing repaired; a few sheets of the yellow metal stripped off, and the caulking of the bottom tested and found satisfactory; the caulking of the topsides and of the deck tested; the hold, the timbers and air courses cleared; the outside planking brightened at a few places each side; treenails driven out as per Rule; the windlass unhung and its wood lining sufficiently stripped for examination; the chain cables ranged; the masts and spars examined and all other requirements of the Rules complied with. The salting has been renewed.

The topsides recaulked where necessary viz: all the butts and one seam recaulked. The waterways recaulked. Six planks of the main deck on the

(P.T.O)

Present Condition of the

Decks	good	Treenails	good	Windlass and Capstan	good
Waterways	Do	Breasthooks and Stenson	Do	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 by examination	
Planksheers	Do	Keelsons	Do	Sails	good
Sheerstrakes	Do	Clamps and Shelves	Do	Anchors No. 3 B. 1 S. 2 K	
Topsides	Do	Ceiling	Do	Cables	complete
Wales	Do	Rudder 78	Do	Hawsers and Warps	good
Plank (Bottom) and Counter	Do	Copper (Y.M.) good When put on 3, 81.	Do	Standing & Running Rigging	Do
Engine Room Skylights		Caulking of Bottom, Deck, & Waterways	good	Cargo and Main Hatchways	good
Coal Bunker, Openings, Lids, &c.		Scuppers	good	Hatches	good

General Observations, Opinion as to Class, &c.

This vessel is in good and efficient condition, and appears to be eligible to have her original class raised to 12 A.1 and to be marked Restored A.1 for 7 years from 1879 as stated, and the requirements of the Rules for Half Time Survey Section 34 having been complied with, to be marked H. T. Lon. 82.

The Amount of Entry Fee ... £ : : : received by me, C.H.R.

Special ... £ 7 : 7 : 15/6 1882

Certificate (if required) to be sent as per margin... £ : : "

(Travelling Expenses, if any, £)

Committee's Minute

15th June 1882

Character assigned Raised to 12 A.1. c.f. 921632

Rest - 7 A.1. from 1879. Salted - H.T. Lon. 82 -

ROBT. EDMOND TAYLOR & SON, Commercial Steam Printers, 19, Old Street Goswell Road, London.

LON 668-0318

J. H. Truscott.
Surveyor to Lloyd's Register of British and Foreign Shipping.

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Lloyd's Register Foundation

41589. *Jun.*

The starboard side and one plank on the port side are new. The main piece of windlass renewed of English oak; the spindle (the same one as before) is a through spindle. The iron whelps and the lining of windlass renewed. The main yard renewed. The binnacle trees & cross trees to the fore mast also the fore top renewed.

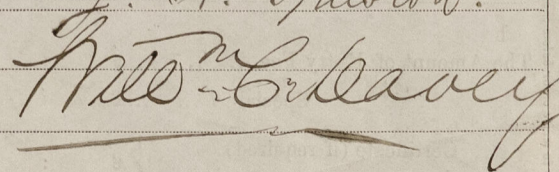
Application having been made by the Owner with a view to an improved class, the vessel has been examined accordingly. It appears from the first entry report that the floors are German oak 9 years material; the first futtocks German oak amidships 9 years and English oak at ends 12 years; the second and third futtocks and top timbers English oak 12 years (part of the frame was renewed of English oak in 1870 and 2 third futtocks & 11 top timbers renewed of oak & teak in 1878); the main keelson greenheart 12 years (except one length of pitch pine 9 years see Report N^o 33560); the stem English oak 12 years; the stern post teak 16 years; 11 of the beams of the main deck are teak 16 years; one of pitch pine 9 years (this beam was renewed of pitch pine and another scarphed with pitch pine end when the vessel was restored in 1878); the remainder of upper deck beams English oak 12 years; 20 of the beams in hold are teak 16 years and the remainder greenheart 12 years; the outside planking from the keel to the height defined in Note to Table A American elm 12 years; from the above named height to the light water mark (Danzic oak 12 years; from the light water mark to the wales teak 16 years & (Danzic oak 10 years (the vessel being salted); the wales and blackstrakes teak 16 years; the topsides teak 16 years (except the planking removed for the survey for Restoration in 1878 which was "renewed with pitch pine except the extreme ends of outside planking which were of oak" - the planking alluded to is one strake of topsides all fore & aft on each side and a plank in each bow and buttock); the sheerstrake & plank sheer teak 16 years; the upper deck waterway teak 16 years; the whole of the inside planking 10 years material.

The frame is stated to be well squared and the general quality of the workmanship good. This vessel was built in 1859 and was classed 10 A.1. She was Continued 7 A.1 from 1869. In 1873 her original class was raised to 11 A.1 viz: $\left\{ \begin{array}{l} 9 \text{ years Table A} \\ 1 \text{ year mixed materials} \\ 1 \text{ year metal fastenings} \\ 11 \text{ years} \end{array} \right\}$ and she was marked Continued 7 A.1 from 1870.

She was restored A.1 for 7 years from 1878 viz: $\left\{ \begin{array}{l} 6 \text{ years} = \frac{1}{2} \text{ of } 11 \text{ years} \\ 1 \text{ year for salting} \\ 7 \text{ years} \end{array} \right\}$

She now appears eligible to have her original class raised to 12 A.1 viz: $\left\{ \begin{array}{l} 9 \text{ years Table A} \\ 2 \text{ years mixed material Rule} \\ 1 \text{ year metal fastenings} \\ 12 \text{ years} \end{array} \right\}$

which would give a Continuation of 8 A.1 from 1871 and a Restoration A.1 for 7 years from 1879 viz: $\left\{ \begin{array}{l} 6 \text{ years} = \frac{1}{2} \text{ of } 12 \text{ years} \\ 1 \text{ year for salting} \\ 7 \text{ years} \end{array} \right\}$

J. H. Truscott.




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