

REPORT of SURVEY for REPAIRS.

Triennial & Half Time Survey

No. in Reg. Book. **No.** 297 Survey held at London Dates Aug 31st to Sep 7th 1864
 on the S.S. "Henry Morton" Master Thos Douglass
 Tonnage 986 Built at Newcastle When built 1860
 By whom built Palmer Bros. Owners Lory & sons.
 Port belonging to London Destined Voyage Newcastle
 If Surveyed Afloat or in Dry Dock Pontoon, & afloat, Victoria Docks.

Last Survey, No. 3249 Port IRON. Classed B A.I.
 7.63

REPAIRS *how done, viz:-* The outside surface of shell plating scraped, cleaned and painted to lead line with two coats of Red lead, and thence to Gunwale with two coats of oil paint; - the inside surface with the frames, beams &c. from the belgs to main deck stringer cleaned & painted with one coat of grey oxide; - several butts in bottom caulked, and a few rivets renewed in the butts of keel plates; - the man hole doors of water ballast tanks, amidships, and the timber boards at belgs, in each compartment lifted, and the cement, when tested found adhering satisfactorily; the windlass unhung, stripped, examined, & found good; - a good portion of the loose ceiling over water tanks lifted and a few rivets renewed in the upper plates of tank in the main hold; - the angle irons on upper edge of three hold beams in main hold, and two in the fore hold renewed amidships with 3" x 3" x 7/16 angle bars; - new heads shut on to end hold, & one fore deck pillar to main hatch and the pillars re-riveted; - and the iron bulwarks coated with two coats of paint.
 The old boiler taken out and new supplied with Super =
 - B.S.C.

Present Condition of the

Decks		Keelsons		Windlass and Capstan	<u>unhung & exam?</u>
Waterways	} <u>good</u>	Breasthooks and Stemson	} <u>good</u>	Pumps	
Comings		Transoms, Pointers, and Crutches		Boats	} <u>good</u>
Upper Deck Beams & Fastenings	} <u>firm</u>	Timbers of the Frame at the openings	} <u>when</u>	Masts, Yards, &c.	
Lower Deck Beams & Fastenings		Ditto Ditto at other places		Sails	} <u>and</u>
Planksheers	} <u>painted</u>	Keelsons	} <u>seen</u>	Anchors No. of <u>3 B. 1 S. 2 K</u>	
Sheerstrakes		Clamps and Shelves		Cables	} <u>Suppl.</u>
Topsides		Ceiling		Hawsers and Warps	
Wales		Rudder		Standing & Running Rigging	
Plating		Copper	<u>Paint</u> When put on <u>now</u>		
Plank (Bottom) and Counter	<u>scrap & paint</u>				

General Observations and Opinion,

Caulking of Bottom, Deck, & Waterways. good when seen

The requirements for the Triennial & half time survey, with the exception named, having been complied with, and the vessel in our opinion put in good and efficient condition, under the circumstances, we beg to recommend her to the favourable consideration of the Committee, to remain as classed B A.I. and be marked in the Register

The Amount of Fee.....£ 2 : - : - is received by me, Book T. S. 64.

Special..... 3 : 3 : -

Certificate (if required) : :

Committee's Minute 4th October 1864

Character assigned h.p. 1
(t.s. 44)
record when

Robt Strachan
Thos Douglass
 Lloyd's Register
 Foundation
 IRON437A - 0197

3765 Iron

heating apparatus, and the flues, rivet frames &c. under same, cleaned & painted with Red Lead; - all the Boiler beams renewed with Red pine 14×10 with a $3\frac{1}{2}$ American Elm plank coated with white lead, fitted on top; - the Engines overhauled & repaired; - four Quarter deck half beams, with deck ties, Boiler coverings &c. taken up and re-riveted and 22 midship quarter deck planks renewed with $3\frac{1}{2}$ Yellow pine & caulked; in way of Boilers; - and a new Bollard of Eng. Oak 14×14 fitted each side at front of Quarter deck

The new Boilers now fitted and one coat of paint put on the outside surface of the plating before the vessel was surveyed, owing to the Owners having inadvertently omitted to give the requisite notice of such repairs being intended. - In reference to the Boiler Space however, the flues, rivet iron and cement between the Engines & Boilers, were found in good condition, and those parts that could be seen under the new Boilers appeared satisfactory likewise; - and for the interior plating, from what could be ascertained under the paint, it appeared in good order

Robt. Mackenzie
Mornich.