

5946

# REPORT of SURVEY for REPAIRS.

No. in Reg. Book. **No. 9213** Survey held at Sunderland Date from 13<sup>th</sup> Nov. to 9<sup>th</sup> Dec. 1867  
 on the Screw Steamer "Leaton" Master Weatherley  
 Tonnage 552 Built at Newcastle When built 1857  
 By whom built \_\_\_\_\_ Owners J. Woods Esq.  
 Port belonging to Sunderland Destined Voyage London  
 If Surveyed Afloat or in Dry Dock in Mr Leving's dry dock.

Last Survey, No. 2520 Port from London Classed 9 8. 61.  
 REPAIRS for continuation -

This vessel has been placed on high blocks in dry dock, and proper stages made for examining the rivets and plating, the whole of the ceiling removed, and coal bunkers cleared, so as to expose the whole of the frames, stringers, hooks, floor plates, keelsons, engine and boiler bearers - ends of beams, water tight bulk heads, rivets, and inner surface of the plating to view, the hold cleared, all oxidation removed from the several parts above named, also from the outside plating, rivets, keel, stem, stern post and rudder so as to completely lay bare all the surfaces of the iron -

P. S. C.

## Present Condition of the

Decks	Good	Trunnails		Windlass and Capstan	Good
Waterways	"	Breasthooks and Stemson	Good	Pumps	"
Comings	"	Transoms, Pointers, and Crutches	"	Boats	Two
Upper Deck Beams & Fastenings	"	Timbers of the Frame at the openings		Masts, Yards, &c.	"
Lower Deck Beams & Fastenings	"	Ditto Ditto at other places		Condition, how ascertained	slight by Riggers
Plank sheers	"	Keelsons	Good	Sails	"
Sheerstrakes	"	Clamps and Shells		Anchors	No. of 3 Pows, 1 Stream, & 1 Keage
Topsides	"	Ceiling	Good	Cables	240 fathoms 1/4
Wales	"	Rudder	"	Hawsers and Warps	"
Plank (Bottom) and Counter		Copper	When put on	Standing & Running Rigging	"

General Observations and Opinion,

Caulking of Bottom, Deck, &amp; Waterways.

Good

This vessel is now in good condition in hull & stores fit for the conveyance of dry and perishable cargoes to and from all parts of the world. We are of opinion may be continued for a term of years not exceeding one half the number of years assigned originally - from 1866.

The Amount of Fee.....£ 5 : " : " is received by me,

Special..... 5 : 5 : "

Certificate (if required) " : 5 : "

Committee's Minute 4<sup>th</sup> January 18 68

Character assigned Cont<sup>d</sup> 1 for 5 years

second repair



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IRON441-0398

5946. Iron.

The planksheers scraped bright, also the waterways scraped bright and bored through for examination in several places, the thickness of all the plating has been ascertained by drilling through, and found to be not palpably diminished in substance and quality <sup>that was in</sup> the original construction, except the flat of bottom which is slightly worn in places by the wash of water, this vessel not having been cemented (except the parts underneath the engines and boilers) until the present time.

Five plates in flat of bottom have now been taken off and renewed, and about 3000 new rivets put in flat, the bottom below the bilge cemented all fore and aft, a water tank fitted in the fore hold 46 feet in length and 8½ feet high from top of floors, the side flange plates being 7/16. and remainder of plating 5/16 in thickness. The hold beams (of single angle iron) were bent and twisted from their proper form. Nine of them have now been strengthened by adding an angle iron on upper edge 4 x 3 x 7/16. The windlass has been unhooking and wood linings stripped. The chain cables hauled up from the lockers and ranged on the deck, the masts and outfit generally carefully overhauled & examined throughout, the decks, waterways, stanchions, &c all recaulked.

Thomas Lawrence  
Prof. Marshall



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